UNNATURAL AMINO ACIDS

非天然型アミノ酸カタログ［第7.1版］



キシダ化学株式会社

ペプチド合成で使用する汎用試薬類及び溶媒

ペプチド合成で使用する汎用試薬類及び溶媒も幅広く取り扱っております。
販売容量・価格につきましては、お気軽にお問い合わせください。
お問い合わせ先：**shiyaku@kishida.co.jp**

品名	略称	区分	CAS RN®
{{[(1-シアノ-2-エトキシ-2-オキソエチリデン)アミノ]オキシ}-4-モルホリノメチレン}ジメチルアンモニウムヘキサフルオロりん酸塩	COMU	縮合剤	1075198-30-9
1-[ビス(ジメチルアミノ)メチレン]-1H-1,2,3-トリアゾロ[4,5-b]ピリジニウム 3-オキシドヘキサフルオロホスファート	HATU		148893-10-1
N,N'-ジイソプロピルカルボジイミド	DIC		693-13-0
シアノ（ヒドロキシイミノ）酢酸エチル	Oxyma	活性化剤	3849-21-6
1-ヒドロキシ-7-アザベンゾトリアゾール	HOAt		39968-33-7
N-ヒドロキシスクシンイミド	HOSu		6066-82-6
4-ジメチルアミノピリジン	DMAP		1122-58-3
tert-ブチルメチルエーテル	MTBE	溶媒	1634-04-4
ジイソプロピルエーテル	IPE		108-20-3
ジメチルスルホキシド	DMSO		67-68-5
N,N-ジメチルホルムアミド	DMF		68-12-2
N,N-ジメチルアセトアミド	DMA		127-19-5
N-メチル-2-ピロリドン	NMP		872-50-4
アセトニトリル	MeCN		75-05-8
2-プロパノール	IPA		67-63-0
メタノール	MeOH		67-56-1
ジクロロメタン	-		75-09-2
トルエン	-		108-88-3
ヘプタン	-		142-82-5
(±)-ジチオトレイトール	DTT	試薬	3483-12-3
1,1,1,3,3,3-ヘキサフルオロ-2-プロパノール	HFIP		920-66-1
1,4-ジチオエリトリトール	DTE		6892-68-8
3,6-ジオキサ－1,8-オクタンジチオール	DODT		14970-87-7
チオアニソール	-		100-68-5
ピペリジン	-		110-89-4
N,N-ジイソプロピルエチルアミン	DIPEA		7087-68-5
トリエチルアミン	-		121-44-8
1,8-ジアザビシクロ[5.4.0]ウンデカ-7-エン	DBU		6674-22-2
10 mol/L-水酸化ナトリウム溶液	-		1310-73-2
10%塩酸	-		7647-01-0
トリフルオロ酢酸	TFA		76-05-1
クロロ酢酸	-		79-11-8
酢酸	-		64-19-7
無水酢酸	-		108-24-7
りん酸	-		7664-38-2
パルミチン酸 98%	-		57-10-3
アンモニア水 28%	-		1336-21-6
酢酸アンモニウム	-		631-61-8
炭酸水素アンモニウム	-		1066-33-7
トリイソプロピルシラン	TIS		6485-79-6

目次

- 非天然型アミノ酸セット販売のご案内 1
- キシダ化学の受託合成サービス 2
- Reactive Amino Acids 3
- α-Substituted Glycine or Alanine Derivatives 6
- α-Methyl or α-Ethyl Derivatives of Natural Amino Acids 7
- Fluorine Substituted Alkyl Amino Acids 14
- α-Methyl Substituted Phenylalanines 14
- Amino Alcohols 17
- ペプチドリーム社製 非天然型アミノ酸試薬 18
- 丸岡触媒®販売のお知らせ 21
- 非天然型アミノ酸誘導体のオンデマンド販売 22
- α-Aminocarboxamides (on demand) 23
- α-Aminonitriles (on demand) 30
- α-Aminoalcohols (on demand) 37
- 非天然型アミノ酸の応用例 42
- アミノカルボン酸アミド,アミノニトリル,アミノアルコールの応用例 43
- 非天然型アミノ酸製品の販売に関する情報 44

非天然型アミノ酸
セット販売のご案内

カタログ記載の非天然型アミノ酸ライブラリーにつき、100 mgずつセットで販売致します。
（オンデマンド商品は除きます）

非天然型アミノ酸少量セット

①	キシダ化学製品	各100 mg × 10本　120,000円
②	キシダ化学製品	各100 mg × 20本　200,000円
③	ペプチドリーム製品	各100 mg ×　5本　120,000円

例：①キシダ化学製品

- キシダ製品A　100 mg　5本
- キシダ製品B　100 mg　3本
- キシダ製品C　100 mg　2本

計10本
組み合わせ自由！

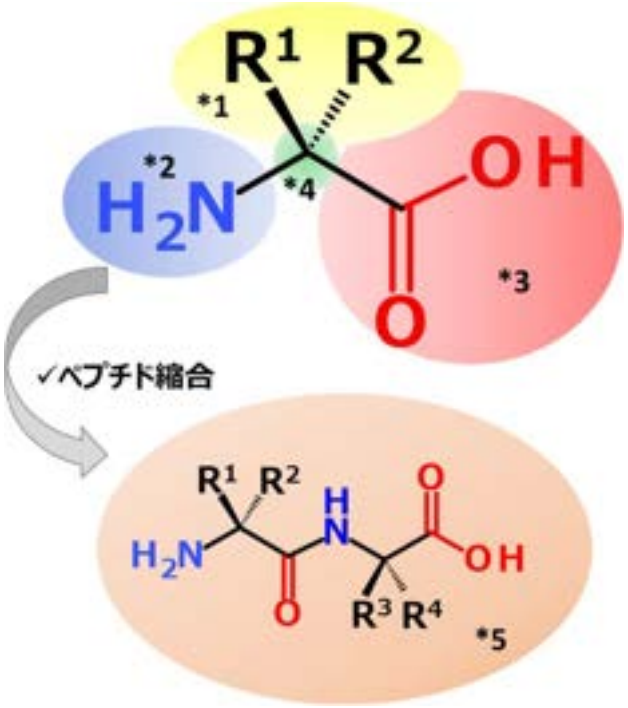
上記以外の本数を希望される場合は別途お見積り致します。
お気軽にお問い合わせください。

お問い合わせ先：**shiyaku@kishida.co.jp**



キシダ化学の受託合成サービス

ライブラリーの受託合成	短工程、シンプルな反応、多品種合成向け
低分子化合物の受託合成	複雑な反応、中～大スケール向け
非天然アミノ酸の受託合成	ペプチド創薬をはじめとするライフサイエンス研究向け



*1: 様々な置換基を立体選択的に導入（モノ, ジ置換体）

*2: ご要望に応じた保護基の導入（Fmoc, Boc, Z, など）

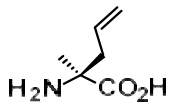
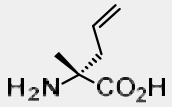
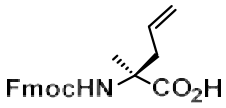
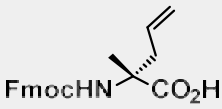
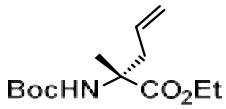
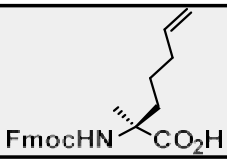
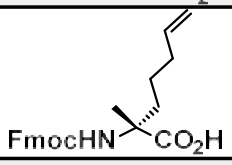
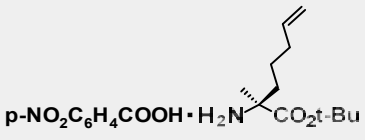
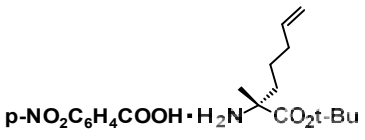
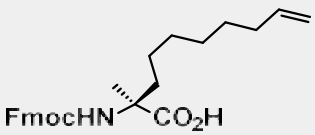
*3: エステル体での提供も可能

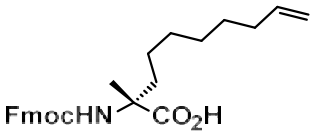
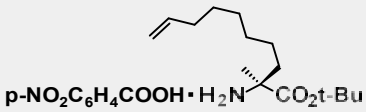
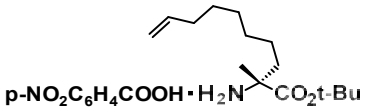
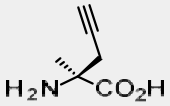
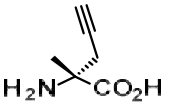
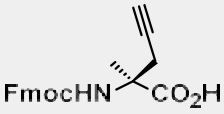
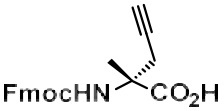
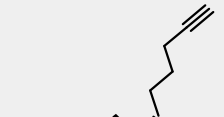
*4: 光学純度保証致します

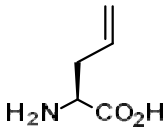
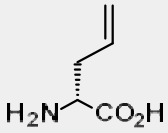
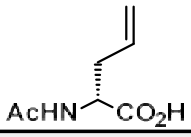
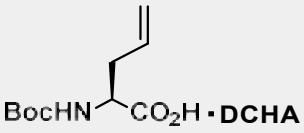
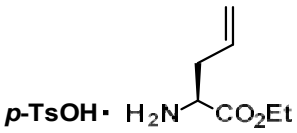
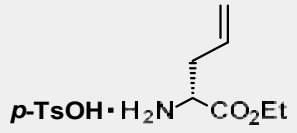
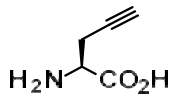
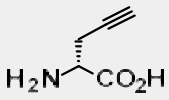
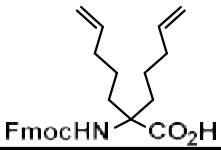
*5: ジペプチドなど誘導体の合成も承ります

- ご提案いただいたライブラリー合成・カスタム合成を行います。（秘密保持契約下での合成も可能）
- 開発段階に進んだ案件、特許出願案件など、成功事例がございます。

Reactive Amino Acids (α-Alkenyl or α-Alkynyl Alanines and Glycines)

構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
α-AlkenylAla							
	(*S*)-α-Allylalanine·H_2O 96886-55-4	≧ 98.0% ≧98.0%ee	冷蔵	$C_6H_{11}NO_2 \cdot H_2O$ (147.17)	100 mg 1 g	KUA-00019 ¥19,000 KUA-00011 ¥30,000	
	(*R*)-α-Allylalanine·H_2O 96886-56-5	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_6H_{11}NO_2 \cdot H_2O$ (147.17)	100 mg 1 g	KUA-00029 ¥19,000 KUA-00021 ¥30,000	
	(*S*)-N-Fmoc-α-Allylalanine 288617-71-0	≧ 98.0% ≧98.0%ee	冷凍	$C_{21}H_{21}NO_4$ (351.40)	(NET) 100 mg (NET) 500 mg (NET) 1 g	KUA-00039 ¥22,000 KUA-00034 ¥40,000 KUA-00031 ¥55,000	Containing 20-50% Methyl *tert*-butyl ether
	(*R*)-N-Fmoc-α-Allylalanine 288617-76-5	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{21}H_{21}NO_4$ (351.40)	(NET) 100 mg (NET) 500 mg (NET) 1 g	KUA-00049 ¥22,000 KUA-00044 ¥40,000 KUA-00041 ¥55,000	Containing 20-50% Methyl *tert*-butyl ether
	(*R*)-N-Boc-α-Allylalanine ethyl ester 1263046-12-3	≧ 98.0% ≧98.0%ee	冷蔵	$C_{13}H_{23}NO_4$ (257.33)	100 mg 1 g	KUA-00059 ¥20,000 KUA-00051 ¥50,000	
	(*S*)-N-Fmoc-α-(4-Pentenyl)alanine 288617-73-2	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{23}H_{25}NO_4$ (379.46)	(NET) 100 mg (NET) 1 g (NET) 5 g	KUA-00069 ¥20,000 KUA-00061 ¥45,000 KUA-00065 ¥150,000	Containing 20-50% Methyl *tert*-butyl ether
	(*R*)-N-Fmoc-α-(4-Pentenyl)alanine 288617-77-6	≧ 98.0% ≧98.0%ee	冷蔵	$C_{23}H_{25}NO_4$ (379.46)	(NET) 100 mg (NET) 1 g (NET) 5 g	KUA-00079 ¥20,000 KUA-00071 ¥45,000 KUA-00075 ¥150,000	Containing 20-50% Methyl *tert*-butyl ether
	(*S*)-α-(4-Pentenyl)alanine *tert*-butyl ester *p*-Nitrobenzoate 1323987-70-7	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{12}H_{23}NO_2 \cdot C_7H_5NO_4$ (380.44)	100 mg 1 g 5 g	KUA-00089 ¥18,000 KUA-00081 ¥28,000 KUA-00085 ¥112,000	
	(*R*)-α-(4-Pentenyl)alanine *tert*-butyl ester *p*-Nitrobenzoate 1323987-68-3	≧ 98.0% ≧98.0%ee	冷蔵	$C_{12}H_{23}NO_2 \cdot C_7H_5NO_4$ (380.44)	100 mg 1 g 5 g	KUA-00099 ¥18,000 KUA-00091 ¥28,000 KUA-00095 ¥112,000	
	(*S*)-N-Fmoc-α-(7-Octenyl)alanine 288617-75-4	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{26}H_{31}NO_4$ (421.54)	(NET) 100 mg (NET) 500 mg (NET) 1 g (NET) 5 g	KUA-00109 ¥19,000 KUA-00104 ¥40,000 KUA-00101 ¥55,000 KUA-00105 ¥160,000	Containing 10-40% Methyl *tert*-butyl ether

構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	(*R*)-N-Fmoc-α-(7-Octenyl)alanine 945212-26-0	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{26}H_{31}NO_4$ (421.54)	(NET) 100 mg (NET) 500 mg (NET) 1 g (NET) 5 g	KUA-00119 ¥19,000 KUA-00112 ¥40,000 KUA-00111 ¥55,000 KUA-00115 ¥160,000	Containin 10-40% Methyl *tert*-butyl ether
	(*S*)-α-(7-Octenyl)alanine *tert*-butyl ester *p*-Nitrobenzoate 1375908-92-1	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{15}H_{29}NO_2 \cdot C_7H_5NO_4$ (422.52)	100 mg 1 g 5 g	KUA-00129 ¥18,000 KUA-00121 ¥50,000 KUA-00125 ¥120,000	
	(*R*)-α-(7-Octenyl)alanine *tert*-butyl ester *p*-Nitrobenzoate 1375904-22-5	≧ 98.0% ≧98.0%ee	冷蔵	$C_{15}H_{29}NO_2 \cdot C_7H_5NO_4$ (422.52)	100 mg 1 g 5 g	KUA-00139 ¥18,000 KUA-00131 ¥50,000 KUA-00135 ¥120,000	
α-AlkynylAla							
	(*S*)-α-Propargylalanine 1231709-27-5	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_6H_9NO_2$ (127.14)	100 mg 1 g	KUA-00149 ¥19,000 KUA-00141 ¥25,000	
	(*R*)-α-Propargylalanine 403519-98-2	≧ 98.0% ≧98.0%ee	冷蔵	$C_6H_9NO_2$ (127.14)	100 mg 1 g	KUA-00159 ¥19,000 KUA-00151 ¥25,000	
	(*S*)-N-Fmoc-α-Propargylalanine 1198791-58-0	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{21}H_{19}NO_4$ (349.39)	(NET) 100 mg (NET) 1 g	KUA-00169 ¥20,000 KUA-00161 ¥45,000	Containing 20-50% Methyl *tert*-butyl ether
	(*R*)-N-Fmoc-α-Propargylalanine 1198791-65-9	≧ 98.0% ≧98.0%ee	冷凍	$C_{21}H_{19}NO_4$ (349.39)	(NET) 100 mg (NET) 1 g	KUA-00179 ¥20,000 KUA-00171 ¥45,000	Containing 20-50% Methyl *tert*-butyl ether
	(*S*)-N-Fmoc-α-(4-Pentynyl)alanine 1050501-65-9	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{23}H_{23}NO_4$ (377.44)	(NET) 100 mg (NET) 500 mg (NET) 1 g (NET) 5 g	KUA-00189 ¥21,000 KUA-00184 ¥43,000 KUA-00181 ¥60,000 KUA-00185 ¥180,000	Containing 20-50% Methyl *tert*-butyl ether
	(*R*)-N-Fmoc-α-(4-Pentynyl)alanine 1198791-56-8	≧ 98.0% ≧98.0%ee	冷凍	$C_{23}H_{23}NO_4$ (377.44)	(NET) 100 mg (NET) 500 mg (NET) 1 g (NET) 5 g	KUA-00199 ¥21,000 KUA-00194 ¥43,000 KUA-00191 ¥60,000 KUA-00195 ¥180,000	Containing 20-50% Methyl *tert*-butyl ether
	(*R*)-N-Fmoc-α-(5-Hexynyl)alanine 1198791-69-3	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{24}H_{25}NO_4$ (391.47)	(NET) 100 mg (NET) 250 mg (NET) 1 g (NET) 5 g	KUA-00209 ¥21,000 KUA-00207 ¥44,000 KUA-00201 ¥85,000 KUA-00205 ¥275,000	Containing 20-50% Methyl *tert*-butyl ether

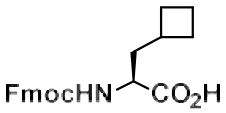
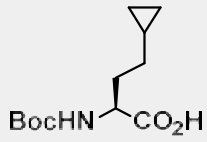
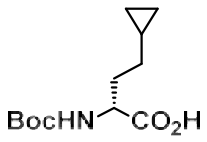
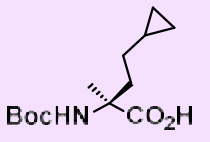
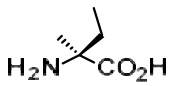
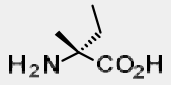
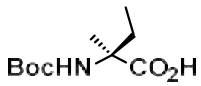
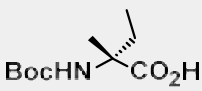
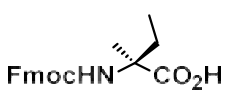
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
α-AlkenylGly							
	(*S*)-α-Allylglycine 16338-48-0	≧ 98.0% ≧98.0%ee	冷蔵	$C_5H_9NO_2$ (115.13)	100 mg 5 g	KUA-00219 ¥18,000 KUA-00215 ¥45,000	
	(*R*)-α-Allylglycine 54594-06-8	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_5H_9NO_2$ (115.13)	100 mg 5 g	KUA-00229 ¥18,000 KUA-00225 ¥45,000	
	(*R*)-N-Acetyl-α-Allylglycine 121786-40-1	≧ 98.0% ≧98.0%ee	冷蔵	$C_7H_{11}NO_3$ (157.17)	100 mg 1 g	KUA-00239 ¥20,000 KUA-00231 ¥45,000	
	(*S*)-N-Boc-α-Allylglycine Dicyclohexylamine salt 143979-15-1	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{17}NO_4 \cdot C_{12}H_{23}N$ (396.57)	100 mg 25 g 100 g	KUA-00249 ¥18,000 KUA-00242 ¥70,000 KUA-00243 ¥225,000	
	(*S*)-α-Allylglycine ethyl ester *p*-Toluenesulfonate 1231709-21-9	≧ 97.0% ≧ 98.0%ee	冷蔵	$C_7H_{13}NO_2 \cdot C_7H_8O_3S$ (315.39)	100 mg 5 g 25 g 100 g	KUA-00259 ¥18,000 KUA-00255 ¥28,600 KUA-00252 ¥70,000 KUA-00253 ¥225,000	
	(*R*)-α-Allylglycine ethyl ester *p*-Toluenesulfonate 1432914-51-6	≧ 97.0% ≧ 98.0%ee	冷蔵	$C_7H_{13}NO_2 \cdot C_7H_8O_3S$ (315.39)	100 mg 5 g 25 g 100 g	KUA-00269 ¥18,000 KUA-00265 ¥28,600 KUA-00262 ¥70,000 KUA-00263 ¥225,000	
α-AlkynylGly							
	(*S*)-α-Propargylglycine 23235-01-0	≧ 98.0% ≧98.0%ee	冷蔵	$C_5H_7NO_2$ (113.12)	100 mg 1 g	KUA-00279 ¥19,000 KUA-00271 ¥22,500	
	(*R*)-α-Propargylglycine 23235-03-2	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_5H_7NO_2$ (113.12)	100 mg 1 g	KUA-00289 ¥19,000 KUA-00281 ¥22,500	
α,α-DialkenylGly							
	N-Fmoc-α,α-Bis (4-pentenyl)glycine 1068435-19-7	≧ 98.0% —	冷蔵	$C_{27}H_{31}NO_4$ (433.55)	100 mg 500 mg 1 g	KUA-00299 ¥19,000 KUA-00294 ¥43,000 KUA-00291 ¥60,000	

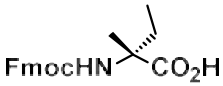
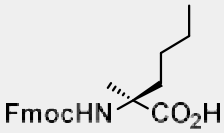
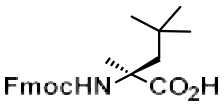
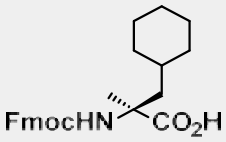
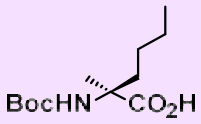
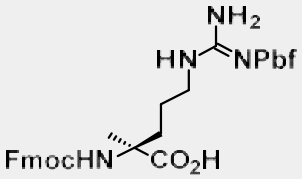
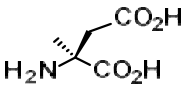
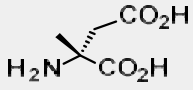
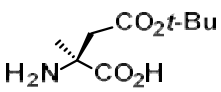
Stapled peptide合成への応用

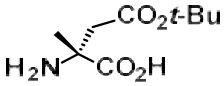
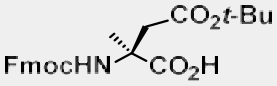
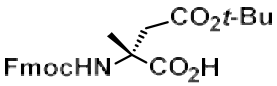
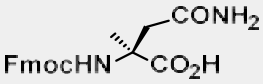
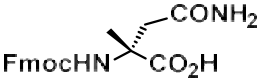
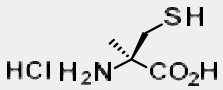
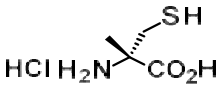
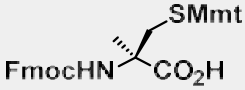
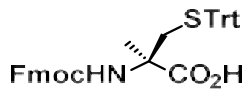
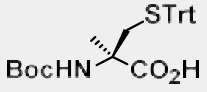


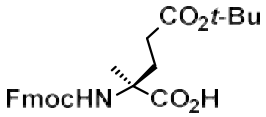
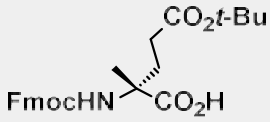
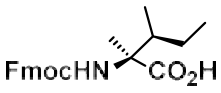
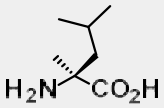
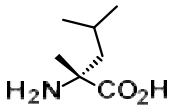
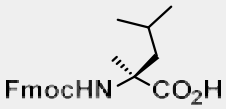
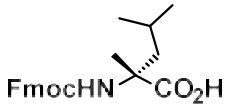
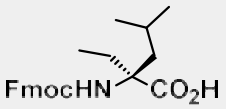
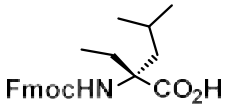
Reactive Amino Acidsはα位に末端アルケニル基、もしくは末端アルキニル基が導入されています。 アルケニル基部分で分子内オレフィンメタセシス化反応、もしくはアルキニル基とアジド化合物の分子内1,2,3-トリアゾール環化反応などを施すことにより、環状化合物や架橋化合物の合成が達成できます。 他にも上記の分子間反応を行うことで、様々な官能基の導入が期待されます。

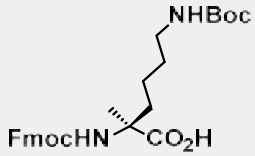
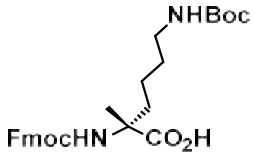
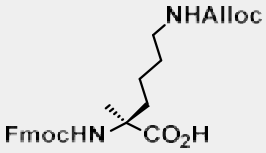
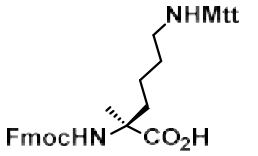
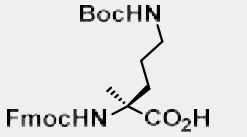
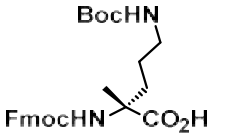
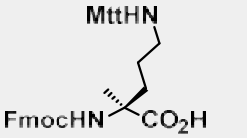
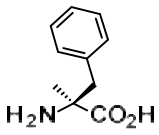
α-Substituted Glycine or Alanine Derivatives

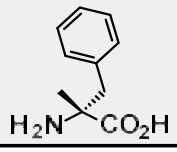
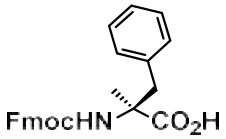
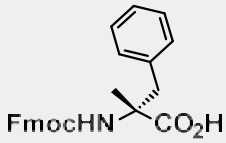
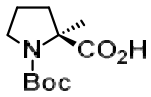
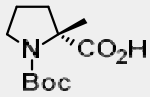
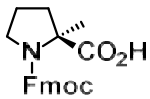
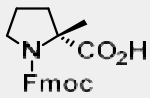
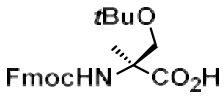
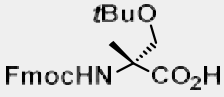
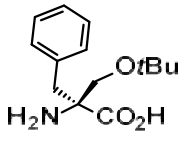
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
Glycine (Gly)							
	(*S*)-N-Fmoc-α-Cyclobutylmethylglycine 478183-62-9	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{22}H_{23}NO_4$ (365.42)	100 mg 250 mg 500 mg 1 g	KUA-01509 ¥23,000 KUA-01507 ¥40,000 KUA-01504 ¥55,000 KUA-01501 ¥90,000	
	(*S*)-N-Boc-α-Cyclopropylethylglycine 1372404-84-6	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{12}H_{21}NO_4$ (243.30)	(NET) 100 mg (NET) 250 mg (NET) 500 mg (NET) 1 g	KUA-01289 ¥19,000 KUA-01287 ¥40,000 KUA-01282 ¥55,000 KUA-01281 ¥90,000	Containing 20-50% Methyl *tert*-butyl ether
	(*R*)-N-Boc-α-Cyclopropylethylglycine 2349893-77-0	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{12}H_{21}NO_4$ (243.30)	(NET) 100 mg (NET) 250 mg (NET) 500 mg (NET) 1 g	KUA-01659 ¥19,000 KUA-01657 ¥40,000 KUA-01654 ¥55,000 KUA-01651 ¥90,000	Containing 20-50% Methyl *tert*-butyl ether
Alanine (Ala)							
	(2*S*)-2-(*tert*-butoxycarbonylamino)-4-cyclopropyl-2-methyl-butanoic acid 1334828-97-5	≧ 98.0% ≧98.0%ee	冷蔵	$C_{13}H_{23}NO_4$ (257.33)	(NET) 100 mg (NET) 500 mg (NET) 1 g	KUA-01679 ¥23,000 KUA-01674 ¥55,000 KUA-01671 ¥90,000	New! Containing 20-50% Methyl *tert*-butyl ether
	(*S*)-α-Ethylalanine·H_2O 595-40-4	≧ 98.0% ≧98.0%ee	冷蔵	$C_5H_{11}NO_2 \cdot H_2O$ (135.16)	100 mg 1 g 5 g	KUA-00309 ¥19,000 KUA-00301 ¥31,200 KUA-00305 ¥75,000	
	(*R*)-α-Ethylalanine·H_2O 3059-97-0	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_5H_{11}NO_2 \cdot H_2O$ (135.16)	100 mg 1 g 5 g	KUA-00319 ¥19,000 KUA-00311 ¥31,200 KUA-00315 ¥75,000	
	(*S*)-N-Boc-α-Ethylalanine 151171-11-8	≧ 98.0% ≧98.0%ee	冷蔵	$C_{10}H_{19}NO_4$ (217.27)	100 mg 1 g 5 g	KUA-00329 ¥19,000 KUA-00321 ¥31,200 KUA-00325 ¥75,000	
	(*R*)-N-Boc-α-Ethylalanine 123254-58-0	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{19}NO_4$ (217.27)	100 mg 1 g 5 g	KUA-00339 ¥19,000 KUA-00331 ¥31,200 KUA-00335 ¥75,000	
	(*S*)-N-Fmoc-α-Ethylalanine 857478-30-9	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{20}H_{21}NO_4$ (339.39)	100 mg 500 mg 1 g 5 g	KUA-00349 ¥18,000 KUA-00344 ¥30,000 KUA-00341 ¥40,000 KUA-00345 ¥140,000	

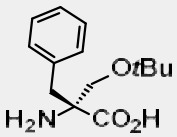
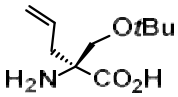
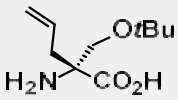
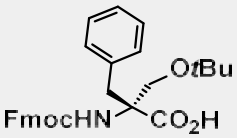
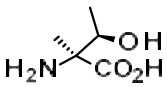
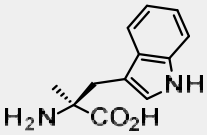
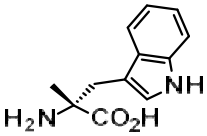
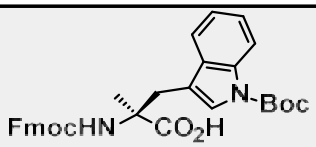
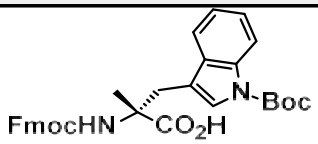
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	(*R*)-N-Fmoc-α-Ethylalanine 1231709-22-0	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{20}H_{21}NO_4$ (339.39)	100 mg 500 mg 1 g 5 g	KUA-00359 ¥18,000 KUA-00354 ¥30,000 KUA-00351 ¥40,000 KUA-00355 ¥140,000	
	(*S*)-N-Fmoc-α-Methylnorleucine 2226710-38-7	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{22}H_{25}NO_4$ (367.45)	100 mg 500 mg 1 g	KUA-00369 ¥20,000 KUA-00364 ¥40,000 KUA-00361 ¥60,000	Containing 20-50% Methyl *tert*-butyl ether
	(*S*)-N-Fmoc-α-Methyl-β-*tert*-butyl-alanine 1934266-56-4	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{23}H_{27}NO_4$ (381.47)	100 mg 500 mg 1 g	KUA-00379 ¥32,000 KUA-00374 ¥95,000 KUA-00371 ¥180,000	
	(*S*)-N-Fmoc-α-Methylcyclohexylalanine 1934266-55-3	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{25}H_{29}NO_4$ (407.51)	100 mg 500 mg 1 g	KUA-00389 ¥18,000 KUA-00384 ¥40,000 KUA-00381 ¥60,000	
	(*S*)-N-Boc-α-Methylnorleucine 2004679-38-1	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{12}H_{23}NO_4$ (245.32)	(NET) 100 mg (NET) 500 mg (NET) 1 g	KUA-01669 ¥23,000 KUA-01664 ¥55,000 KUA-01661 ¥90,000	New! Containing 20-50% Methyl *tert*-butyl ether
α-Methyl or α-Ethyl Derivatives of Natural Amino Acids							
Arginine (Arg)							
	(*S*)-$N_α$-Fmoc-$N_ω$-Pbf-α-Methylarginine 2124196-74-1	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{35}H_{42}N_4O_7S$ (662.80)	100 mg 250 mg 500 mg 1 g	KUA-00399 ¥22,000 KUA-00397 ¥40,000 KUA-00394 ¥60,000 KUA-00391 ¥90,000	
Aspartic acid (Asp)							
	(*S*)-α-Methylaspartic acid 3227-17-6	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_5H_9NO_4$ (147.13)	100 mg 1 g	KUA-00409 ¥20,000 KUA-00401 ¥36,000	
	(*R*)-α-Methylaspartic acid 14603-76-0	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_5H_9NO_4$ (147.13)	100 mg 1 g	KUA-00419 ¥20,000 KUA-00411 ¥36,000	
	(*S*)-α-Methylaspartic acid-4-*tert*-butyl ester 1217977-71-3	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_9H_{17}NO_4$ (203.24)	100 mg 1 g 5 g	KUA-00429 ¥19,000 KUA-00421 ¥30,000 KUA-00425 ¥90,000	

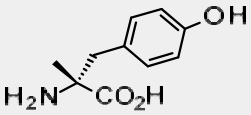
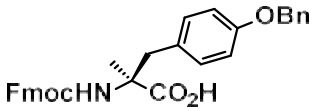
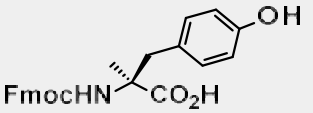
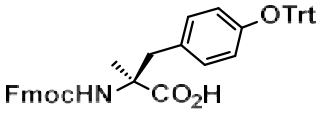
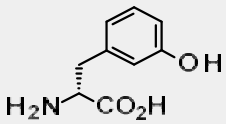
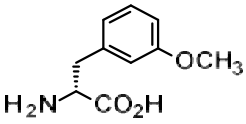
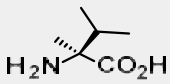
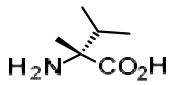
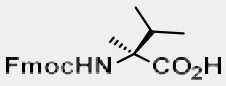
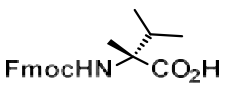
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	(*R*)-α-Methylaspartic acid -4-*tert*-butyl ester 1231709-25-3	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_9H_{17}NO_4$ (203.24)	100 mg 1 g 5 g	KUA-00439 ¥19,000 KUA-00431 ¥30,000 KUA-00435 ¥90,000	
	(*S*)-N-Fmoc-α-Methylaspartic acid -4-*tert*-butyl ester 1072845-47-6	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{24}H_{27}NO_6$ (425.48)	(NET) 100 mg (NET) 1 g (NET) 5 g	KUA-00449 ¥19,000 KUA-00441 ¥35,000 KUA-00445 ¥120,000	Containing ≤10% Methyl *tert*-butyl ether
	(*R*)-N-Fmoc-α-Methylaspartic acid -4-*tert*-butyl ester 1231709-26-4	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{24}H_{27}NO_6$ (425.48)	(NET) 100 mg (NET) 1 g (NET) 5 g	KUA-00459 ¥19,000 KUA-00451 ¥35,000 KUA-00455 ¥120,000	Containing ≤10% Methyl *tert*-butyl ether
Asparagine (Asn)							
	(*S*)-N-Fmoc-α-Methylasparagine 1403590-49-7	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{20}H_{20}N_2O_5$ (368.39)	100 mg 500 mg 1 g 5 g	KUA-00469 ¥20,000 KUA-00464 ¥35,000 KUA-00461 ¥50,000 KUA-00465 ¥200,000	
	(*R*)-N-Fmoc-α-Methylasparagine 1403590-50-0	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{20}H_{20}N_2O_5$ (368.39)	100 mg 500 mg 1 g 5 g	KUA-00479 ¥20,000 KUA-00474 ¥35,000 KUA-00471 ¥50,000 KUA-00475 ¥200,000	
Cysteine (Cys)							
	(*R*)-L-α-Methylcysteine·HCl 148766-37-4	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_4H_9NO_2S$·HCl (171.65)	100 mg 1 g 5 g	KUA-00489 ¥18,000 KUA-00481 ¥35,000 KUA-00485 ¥140,000	
	(*S*)-D-α-Methylcysteine·HCl 151062-55-4	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_4H_9NO_2S$·HCl (171.65)	100 mg 1 g	KUA-00493 ¥30,000 KUA-00491 ¥120,000	
	(*R*)-L-N-Fmoc-S-Mmt-α-Methylcysteine 1198791-74-0	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{39}H_{35}NO_5S$ (629.77)	100 mg 500 mg 1 g	KUA-00509 ¥20,000 KUA-00504 ¥40,000 KUA-00501 ¥60,000	
	(*R*)-L-N-Fmoc-S-Trt-α-Methylcysteine 725728-43-8	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{38}H_{33}NO_4S$ (599.74)	100 mg 500 mg 1 g	KUA-01349 ¥19,000 KUA-01344 ¥40,000 KUA-01341 ¥60,000	
	(*R*)-L-N-Boc-S-Trt-α-Methylcysteine 2226710-42-3	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{28}H_{31}NO_4S$ (477.61)	100 mg 500 mg 1 g	KUA-01359 ¥19,000 KUA-01354 ¥40,000 KUA-01351 ¥60,000	

構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
Glutamic acid (Glu)							
	(*S*)-N-Fmoc-α-Methylglutamic acid-5-*tert*-butyl ester 1072845-48-7	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{25}H_{29}NO_6$ (439.51)	100 mg 250 mg 500 mg 1 g	KUA-00539 ¥21,000 KUA-00537 ¥40,000 KUA-00534 ¥60,000 KUA-00531 ¥90,000	Containing 20-50% Methyl *tert*-butyl ether
	(*R*)-N-Fmoc-α-Methylglutamic acid-5-*tert*-butyl ester 1072845-50-1	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{25}H_{29}NO_6$ (439.51)	100 mg 250 mg 500 mg 1 g	KUA-01499 ¥19,000 KUA-01497 ¥40,000 KUA-01494 ¥60,000 KUA-01491 ¥90,000	
Isoleucine (Ile)							
	(2*S*,3*S*)-N-Fmoc-α-Methylisoleucine 2124196-75-2	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{22}H_{25}NO_4$ (367.45)	100 mg 500 mg 1 g	KUA-00549 ¥18,000 KUA-00544 ¥45,000 KUA-00541 ¥60,000	
Leucine (Leu)							
	(*S*)-α-Methylleucine 105743-53-1	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_7H_{15}NO_2$ (145.20)	100 mg 1 g	KUA-00559 ¥19,000 KUA-00551 ¥31,200	
	(*R*)-α-Methylleucine 29589-03-5	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_7H_{15}NO_2$ (145.20)	100 mg 1 g	KUA-00569 ¥19,000 KUA-00561 ¥31,200	
	(*S*)-N-Fmoc-α-Methylleucine 312624-65-0	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{22}H_{25}NO_4$ (367.45)	100 mg 500 mg 1 g	KUA-00579 ¥21,000 KUA-00574 ¥40,000 KUA-00571 ¥60,000	
	(*R*)-N-Fmoc-α-Methylleucine 1231709-23-1	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{22}H_{25}NO_4$ (367.45)	100 mg 500 mg 1 g	KUA-00589 ¥21,000 KUA-00584 ¥40,000 KUA-00581 ¥60,000	
	(*S*)-N-Fmoc-α-Ethylleucine 1934266-50-8	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{23}H_{27}NO_4$ (381.47)	100 mg 250 mg 1 g	KUA-00599 ¥19,000 KUA-00597 ¥36,000 KUA-00591 ¥80,000	
	(*R*)-N-Fmoc-α-Ethylleucine 1934266-51-9	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{23}H_{27}NO_4$ (381.47)	100 mg 250 mg 1 g	KUA-00609 ¥19,000 KUA-00607 ¥36,000 KUA-00601 ¥80,000	

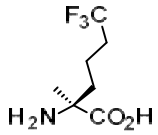
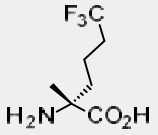
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
Lysine (Lys)							
	(*S*)-N_α-Fmoc-N_ω-Boc-α-Methyllysine 1202003-49-3	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{27}H_{34}N_2O_6$ (482.58)	100 mg 500 mg 1 g 5 g	KUA-00619 ¥20,000 KUA-00614 ¥40,000 KUA-00611 ¥60,000 KUA-00615 ¥200,000	
	(*R*)-N_α-Fmoc-N_ω-Boc-α-Methyllysine 1315449-94-5	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{27}H_{34}N_2O_6$ (482.58)	100 mg 500 mg 1 g 5 g	KUA-00629 ¥20,000 KUA-00624 ¥40,000 KUA-00621 ¥60,000 KUA-00625 ¥200,000	
	(*S*)-N_α-Fmoc-N_ω-Alloc-α-Methyllysine 1934266-47-3	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{26}H_{30}N_2O_6$ (466.53)	100 mg 250 mg 500 mg 1 g	KUA-00639 ¥21,000 KUA-00637 ¥48,000 KUA-00634 ¥80,000 KUA-00631 ¥120,000	
	(*S*)-N_α-Fmoc-N_ω-Mtt-α-Methyllysine 1953153-27-9	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{42}H_{42}N_2O_4$ (638.81)	100 mg 250 mg 500 mg 1 g	KUA-00649 ¥18,000 KUA-00647 ¥36,000 KUA-00644 ¥53,000 KUA-00641 ¥80,000	
Ornithine (Orn)							
	(*S*)-N_α-Fmoc-N_δ-Boc-α-Methylornithine 1315449-95-6	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{26}H_{32}N_2O_6$ (468.55)	100 mg 500 mg 1 g 5 g	KUA-00659 ¥20,000 KUA-00654 ¥40,000 KUA-00651 ¥60,000 KUA-00655 ¥180,000	
	(*R*)-N_α-Fmoc-N_δ-Boc-α-Methylornithine 171860-40-5	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{26}H_{32}N_2O_6$ (468.55)	100 mg 500 mg 1 g 5 g	KUA-00669 ¥20,000 KUA-00664 ¥40,000 KUA-00661 ¥60,000 KUA-00665 ¥180,000	
	(*S*)-N_α-Fmoc-N_δ-Mtt-α-Methylornithine 1934266-52-0	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{41}H_{40}N_2O_4$ (624.78)	100 mg 250 mg 500 mg 1 g	KUA-00679 ¥22,000 KUA-00677 ¥37,000 KUA-00674 ¥55,000 KUA-00671 ¥80,000	
Phenylalanine (Phe)							
	(*S*)-α-Methylphenylalanine ·H_2O 23239-35-2	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{13}NO_2 \cdot H_2O$ (197.23)	100 mg 1 g 5 g	KUA-00689 ¥19,000 KUA-00681 ¥25,000 KUA-00685 ¥80,000	

構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	(*R*)-α-Methylphenylalanine·H_2O 17350-84-4	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{13}NO_2 \cdot H_2O$ (197.23)	100 mg 1 g 5 g	KUA-00699 ¥19,000 KUA-00691 ¥40,000 KUA-00695 ¥120,000	
	(*S*)-N-Fmoc-α-Methylphenylalanine·3/2H_2O 135944-05-7	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{25}H_{23}NO_4 \cdot 3/2H_2O$ (428.48)	100 mg 1 g 5 g	KUA-00709 ¥19,000 KUA-00701 ¥25,000 KUA-00705 ¥80,000	
	(*R*)-N-Fmoc-α-Methylphenylalanine·3/2H_2O 152436-04-9	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{25}H_{23}NO_4 \cdot 3/2H_2O$ (428.48)	100 mg 1 g 5 g	KUA-00719 ¥19,000 KUA-00711 ¥40,000 KUA-00715 ¥120,000	
Proline (Pro)							
	(*S*)-N-Boc-α-Methylproline 103336-06-7	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{11}H_{19}NO_4$ (229.28)	100 mg 1 g 5 g	KUA-00729 ¥19,000 KUA-00721 ¥30,000 KUA-00725 ¥95,000	
	(*R*)-N-Boc-α-Methylproline 166170-15-6	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{11}H_{19}NO_4$ (229.28)	100 mg 1 g 5 g	KUA-00739 ¥19,000 KUA-00731 ¥30,000 KUA-00735 ¥95,000	
	(*S*)-N-Fmoc-α-Methylproline 167275-47-0	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{21}H_{21}NO_4$ (351.40)	100 mg 500 mg 1 g 5 g	KUA-00749 ¥18,000 KUA-00744 ¥30,000 KUA-00741 ¥45,000 KUA-00745 ¥120,000	
	(*R*)-N-Fmoc-α-Methylproline 1286768-33-9	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{21}H_{21}NO_4$ (351.40)	100 mg 500 mg 1 g 5 g	KUA-00759 ¥18,000 KUA-00754 ¥30,000 KUA-00751 ¥45,000 KUA-00755 ¥120,000	
Serine (Ser)							
	(*S*)-N-Fmoc-O-*tert*-Butyl-α-Methylserine 914399-98-7	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{23}H_{27}NO_5$ (397.47)	100 mg 500 mg 1 g	KUA-00769 ¥21,000 KUA-00764 ¥50,000 KUA-00761 ¥85,000	
	(*R*)-N-Fmoc-O-*tert*-Butyl-α-Methylserine 914399-96-5	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{23}H_{27}NO_5$ (397.47)	100 mg 500 mg 1 g	KUA-01369 ¥18,000 KUA-01364 ¥50,000 KUA-01361 ¥85,000	
	(*S*)-O-*tert*-Butyl-α-Benzylserine Not Registered	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{14}H_{21}NO_3$ (251.33)	100 mg 1 g	KUA-01389 ¥18,000 KUA-01381 ¥25,000	

構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	(*R*)-O-*tert*-Butyl-α-Benzylserine Not Registered	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{14}H_{21}NO_3$ (251.33)	100 mg 1 g	KUA-01379 ¥18,000 KUA-01371 ¥25,000	
	(*S*)-O-*tert*-Butyl-α-Allylserine Not Registered	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{10}H_{19}NO_3$ (201.27)	100 mg 500 mg 1 g	KUA-01399 ¥19,000 KUA-01394 ¥48,000 KUA-01391 ¥70,000	
	(*R*)-O-*tert*-Butyl-α-Allylserine Not Registered	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{10}H_{19}NO_3$ (201.27)	100 mg 500 mg 1 g	KUA-01409 ¥19,000 KUA-01404 ¥48,000 KUA-01401 ¥70,000	
	(*S*)-N-Fmoc-O-*tert*-Butyl-α-Benzylserine Not Registered	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{29}H_{31}NO_5$ (473.56)	100 mg 500 mg 1 g	KUA-01419 ¥19,000 KUA-01414 ¥48,000 KUA-01411 ¥70,000	
	(*R*)-N-Fmoc-O-*tert*-Butyl-α-Benzylserine 914399-97-6	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{29}H_{31}NO_5$ (473.56)	100 mg 500 mg 1 g	KUA-01429 ¥19,000 KUA-01424 ¥48,000 KUA-01421 ¥70,000	
Threonine (Thr)							
	(2*S*, 3*R*)-α-Methylthreonine 127126-06-1	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_5H_{11}NO_3$ (133.15)	100 mg 500 mg 1 g	KUA-00779 ¥19,000 KUA-00774 ¥40,000 KUA-00771 ¥60,000	
Tryptophan (Trp)							
	(*S*)-α-Methyltryptophan·1/2H_2O 16709-25-4	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{12}H_{14}N_2O_2$·1/2H_2O (227.26)	100 mg 500 mg 1 g	KUA-00789 ¥22,000 KUA-00784 ¥43,000 KUA-00781 ¥65,000	
	(*R*)-α-Methyltryptophan·1/2H_2O 56452-52-9	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{12}H_{14}N_2O_2$·1/2H_2O (227.26)	100 mg 500 mg 1 g	KUA-00799 ¥22,000 KUA-00794 ¥43,000 KUA-00791 ¥65,000	
	(*S*)-N-Fmoc-N'-Boc-α-Methyltryptophan 1315449-98-9	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{32}H_{32}N_2O_6$ (540.62)	(NET) 100 mg (NET) 200 mg (NET) 1 g	KUA-00809 ¥25,000 KUA-00804 ¥48,000 KUA-00801 ¥110,000	Containing 5% *n*-Heptane
	(*R*)-N-Fmoc-N'-Boc-α-Methyltryptophan 220155-72-6	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{32}H_{32}N_2O_6$ (540.62)	(NET) 100 mg (NET) 200 mg (NET) 1 g	KUA-00819 ¥25,000 KUA-00814 ¥48,000 KUA-00811 ¥110,000	Containing 5% *n*-Heptane

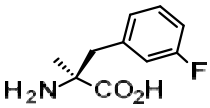
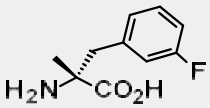
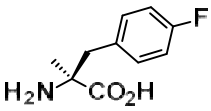
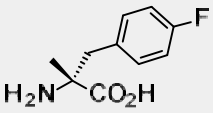
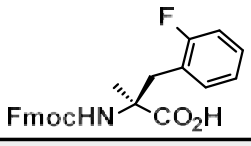
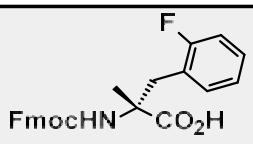
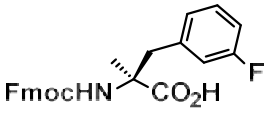
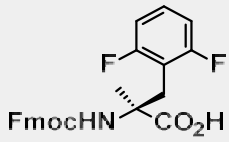
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
Tyrosine (Tyr)							
	(*R*)-α-Methyl-4-hydroxyphenylalanine 672-86-6	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{13}NO_3$ (195.22)	100 mg 1 g	KUA-00829 ¥19,000 KUA-00821 ¥22,500	(別名) (*R*)-α-Methyl tyrosine
	(*S*)-N-Fmoc-α-Methyl-4-benzyloxyphenylalanine 1283766-46-0	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{32}H_{29}NO_5$ (507.59)	100 mg 500 mg 1 g	KUA-00839 ¥18,000 KUA-00834 ¥35,000 KUA-00831 ¥50,000	(別名) (*S*)-N-Fmoc-O-Benzyl-α-Methyltyrosine
	(*S*)-N-Fmoc-α-Methyl-4-hydroxyphenylalanine 246539-83-3	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{25}H_{23}NO_5$ (417.46)	100 mg 500 mg 1 g	KUA-00849 ¥23,000 KUA-00844 ¥40,000 KUA-00841 ¥55,000	(別名) (*S*)-N-Fmoc-α-Methyl tyrosine
	(*S*)-N-Fmoc-α-Methyl-4-triphenylmethoxy phenylalanine 1934266-53-1	≧ 98.0% ≧ 98.0%ee	冷凍	$C_{44}H_{37}NO_5$ (659.78)	100 mg 250 mg 500 mg 1 g	KUA-00859 ¥18,000 KUA-00857 ¥32,000 KUA-00854 ¥53,000 KUA-00851 ¥80,000	(別名) (*S*)-N-Fmoc-O-Trityl-α-Methyl tyrosine
	(*R*)-3-Hydroxyphenylalanine 32140-49-1	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_9H_{11}NO_3$ (181.19)	100 mg 1 g	KUA-00869 ¥19,000 KUA-00861 ¥35,000	(別名) (*R*)-*m*-Tyrosine
	(*R*)-3-Methoxyphenylalanine·H_2O 145306-65-6	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{13}NO_3 \cdot H_2O$ (213.23)	100 mg 1 g	KUA-00879 ¥21,000 KUA-00871 ¥50,000	(別名) (*R*)-O-Methyl-*m*-tyrosine·H_2O
Valine (Val)							
	(*S*)-α-Methylvaline 53940-83-3	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_6H_{13}NO_2$ (131.18)	100 mg 1 g	KUA-00889 ¥19,000 KUA-00881 ¥30,000	
	(*R*)-α-Methylvaline 53940-82-2	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_6H_{13}NO_2$ (131.18)	100 mg 1 g	KUA-00899 ¥19,000 KUA-00891 ¥30,000	
	(*S*)-N-Fmoc-α-Methylvaline 169566-81-8	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{21}H_{23}NO_4$ (353.42)	(NET) 100 mg (NET) 1 g	KUA-00909 ¥18,000 KUA-00901 ¥35,000	Containing ≤10% Methyl *tert*-butyl ether
	(*R*)-N-Fmoc-α-Methylvaline 616867-28-8	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{21}H_{23}NO_4$ (353.42)	(NET) 100 mg (NET) 1 g	KUA-00919 ¥18,000 KUA-00911 ¥35,000	Containing ≤10% Methyl *tert*-butyl ether

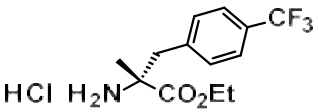
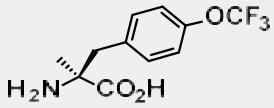
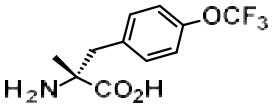
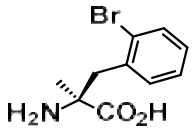
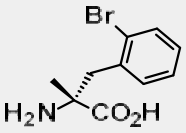
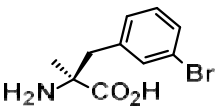
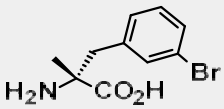
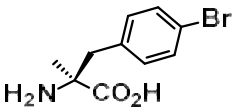
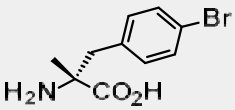
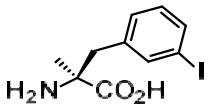
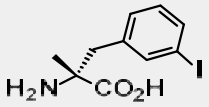
Fluorine Substituted Alkyl Amino Acids

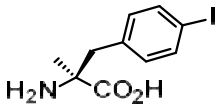
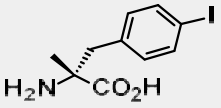
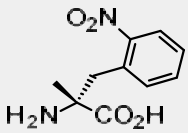
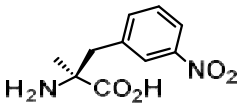
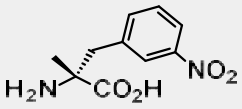
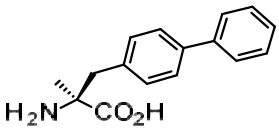
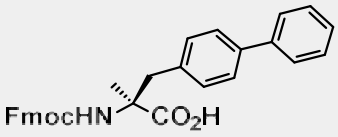
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	(*S*)-6,6,6-Trifluoro-α-methylnorleucine 1262390-40-8	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_7H_{12}F_3NO_2$ (199.17)	100 mg 500 mg 1g	KUA-01519 ¥20,000 KUA-01514 ¥50,000 KUA-01511 ¥70,000	
	(*R*)-6,6,6-Trifluoro-α-methylnorleucine 1263077-91-3	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_7H_{12}F_3NO_2$ (199.17)	100 mg 500 mg 1 g	KUA-01529 ¥20,000 KUA-01524 ¥50,000 KUA-01521 ¥70,000	

α-Methyl Substituted Phenylalanines

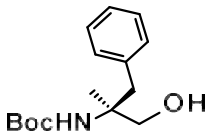
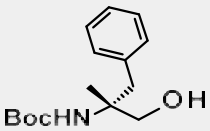
F-Phe

構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	(*S*)-α-Methyl-3-fluorophenylalanine 130855-56-0	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{12}FNO_2$ (197.21)	100 mg 1 g 5 g	KUA-00929 ¥19,000 KUA-00921 ¥35,000 KUA-00925 ¥140,000	
	(*R*)-α-Methyl-3-fluorophenylalanine 1270184-80-9	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{12}FNO_2$ (197.21)	100 mg 1 g 5 g	KUA-00939 ¥19,000 KUA-00931 ¥35,000 KUA-00935 ¥140,000	
	(*S*)-α-Methyl-4-fluorophenylalanine 130855-57-1	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{12}FNO_2$ (197.21)	100 mg 1 g 5 g	KUA-00949 ¥19,000 KUA-00941 ¥25,000 KUA-00945 ¥100,000	
	(*R*)-α-Methyl-4-fluorophenylalanine 422568-68-1	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{12}FNO_2$ (197.21)	100 mg 1 g 5 g	KUA-00959 ¥19,000 KUA-00951 ¥25,000 KUA-00955 ¥100,000	
	(*S*)-N-Fmoc-α-Methyl-2-fluorophenylalanine 1172127-44-4	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{25}H_{22}FNO_4$ (419.45)	100 mg 1 g	KUA-00969 ¥19,000 KUA-00961 ¥30,000	
	(*R*)-N-Fmoc-α-Methyl-2-fluorophenylalanine 1315449-93-4	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{25}H_{22}FNO_4$ (419.45)	100 mg 1 g	KUA-00979 ¥19,000 KUA-00971 ¥30,000	
	(*S*)-N-Fmoc-α-Methyl-3-fluorophenylalanine 1410792-22-1	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{25}H_{22}FNO_4$ (419.45)	100 mg 1 g	KUA-00989 ¥19,000 KUA-00981 ¥50,000	
	(*S*)-N-Fmoc-α-Methyl-2,6-difluorophenylalanine 1223105-51-8	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{25}H_{21}F_2NO_4$ (437.44)	100 mg 1 g	KUA-00999 ¥18,000 KUA-00991 ¥30,000	

構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	(*R*)-α-Methyl-4-trifluoromethyl phenylalanine ethyl ester·HCl·H_2O 1315449-99-0	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{13}H_{16}F_3NO_2$·HCl·H_2O (329.75)	100 mg 1 g	KUA-01009 ¥18,000 KUA-01001 ¥45,000	
	(*S*)-α-Methyl-4-trifluoromethoxy phenylalanine 1269926-90-0	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{11}H_{12}F_3NO_3$ (263.22)	100 mg 500 mg 1 g 5 g	KUA-01019 ¥19,000 KUA-01014 ¥43,000 KUA-01011 ¥65,000 KUA-01015 ¥250,000	
	(*R*)-α-Methyl-4-trifluoromethoxy phenylalanine 1269835-58-6	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{11}H_{12}F_3NO_3$ (263.22)	100 mg 500 mg 1 g 5 g	KUA-01029 ¥19,000 KUA-01024 ¥43,000 KUA-01021 ¥65,000 KUA-01025 ¥250,000	
Br-Phe							
	(*S*)-α-Methyl-2-bromophenylalanine·H_2O 1212180-27-2	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{12}BrNO_2$·H_2O (276.13)	100 mg 1 g	KUA-01039 ¥22,000 KUA-01031 ¥50,000	
	(*R*)-α-Methyl-2-bromophenylalanine·H_2O 1212307-90-8	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{12}BrNO_2$·H_2O (276.13)	100 mg 1 g	KUA-01049 ¥22,000 KUA-01041 ¥50,000	
	(*S*)-α-Methyl-3-bromophenylalanine·H_2O 1212117-73-1	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{12}BrNO_2$·H_2O (276.13)	100 mg 1 g	KUA-01059 ¥20,000 KUA-01051 ¥42,700	
	(*R*)-α-Methyl-3-bromophenylalanine·H_2O 1212321-90-8	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{12}BrNO_2$·H_2O (276.13)	100 mg 1 g	KUA-01069 ¥20,000 KUA-01061 ¥42,700	
	(*S*)-α-Methyl-4-bromophenylalanine 747397-27-9	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{12}BrNO_2$ (258.12)	100 mg 1 g	KUA-01079 ¥19,000 KUA-01071 ¥45,000	
	(*R*)-α-Methyl-4-bromophenylalanine·H2O 752971-41-8	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{12}BrNO_2$·H_2O (276.13)	100 mg 1 g	KUA-01089 ¥19,000 KUA-01081 ¥45,000	
I-Phe							
	(*S*)-α-Methyl-3-iodophenylalanine·H_2O 457653-01-9	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{12}INO_2$·H_2O (323.13)	100 mg 1 g	KUA-01099 20,000円 KUA-01091 32,000円	
	(*R*)-α-Methyl-3-iodophenylalanine·H_2O 457652-83-4	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{12}INO_2$·H_2O (323.13)	100 mg 1 g	KUA-01109 20,000円 KUA-01101 32,000円	

構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	(*S*)-α-Methyl-4-iodophenylalanine 1215092-16-2	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{12}INO_2$ (305.11)	100 mg 1 g	KUA-01119 ¥19,000 KUA-01111 ¥27,000	
	(*R*)-α-Methyl-4-iodophenylalanine 1241679-14-0	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{12}INO_2$ (305.11)	100 mg 1 g	KUA-01129 ¥19,000 KUA-01121 ¥27,000	
NO_2-Phe							
	(*S*)-α-Methyl-2-nitrophenylalanine·H_2O 1241680-71-6	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{12}N_2O_4·H_2O$ (242.23)	100 mg 1 g	KUA-01199 ¥20,000 KUA-01191 ¥35,000	
	(*R*)-α-Methyl-2-nitrophenylalanine·H_2O 1241680-73-8	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{12}N_2O_4·H_2O$ (242.23)	100 mg 1 g	KUA-01209 ¥20,000 KUA-01201 ¥35,000	
	(*S*)-α-Methyl-3-nitrophenylalanine·H_2O 1215092-14-0	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{12}N_2O_4·H_2O$ (242.23)	100 mg 1 g	KUA-01219 ¥19,000 KUA-01211 ¥33,300	
	(*R*)-α-Methyl-3-nitrophenylalanine·H_2O 1215092-13-9	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{10}H_{12}N_2O_4·H_2O$ (242.23)	100 mg 1 g	KUA-01229 ¥19,000 KUA-01221 ¥33,300	
4-Ph-Phe							
	(*S*)-α-Methyl-β-(4-biphenyl)alanine·H_2O 1231709-24-2	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{16}H_{17}NO_2·H_2O$ (273.33)	100 mg 1 g	KUA-01179 ¥19,000 KUA-01171 ¥40,000	
	(*S*)-N-Fmoc-α-Methyl-β-(4-biphenyl)alanine 2226710-41-2	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{31}H_{27}NO_4$ (477.55)	100 mg 500 mg 1 g	KUA-01189 ¥19,000 KUA-01184 ¥47,000 KUA-01181 ¥70,000	

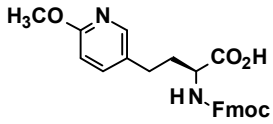
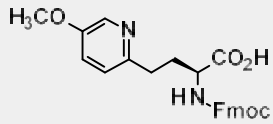
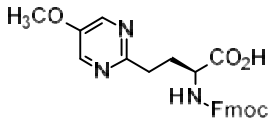
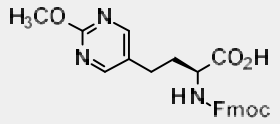
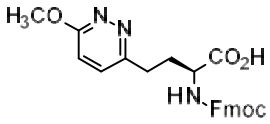
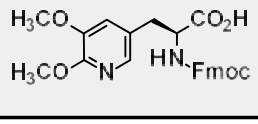
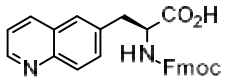
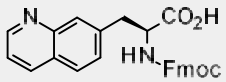
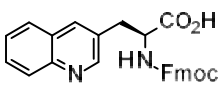
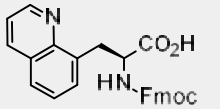
Amino Alcohols

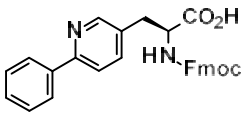
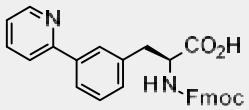
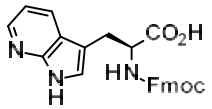
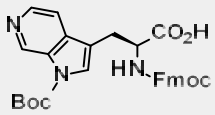
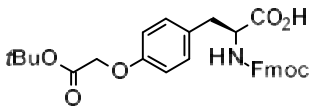
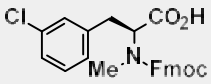
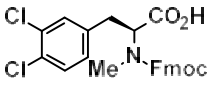
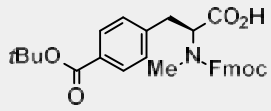
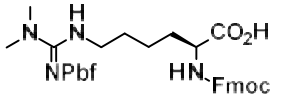
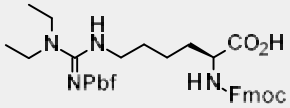
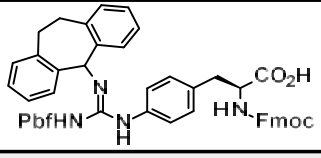
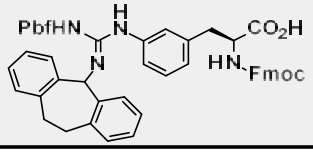
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	*tert*-Butyl N-[(2*S*)-2-benzyl-1-hydroxypropan-2-yl]carbamate 1320273-42-4	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{15}H_{23}NO_3$ (265.35)	100 mg	KUA-01549 ¥19,000	
					1 g	KUA-01541 ¥45,000	
	*tert*-Butyl N-[(2*R*)-2-benzyl-1-hydroxypropan-2-yl]carbamate 868286-68-4	≧ 98.0% ≧ 98.0%ee	冷蔵	$C_{15}H_{23}NO_3$ (265.35)	100 mg	KUA-01559 ¥19,000	
					1 g	KUA-01551 ¥45,000	

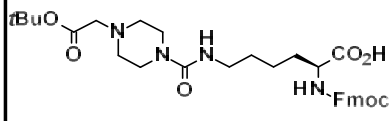
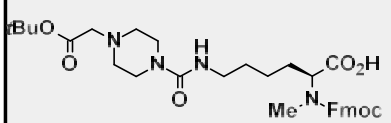
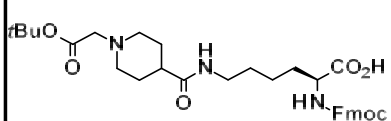
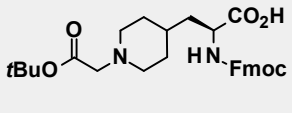
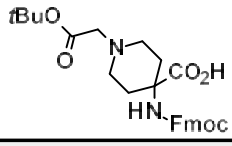
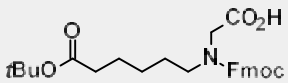
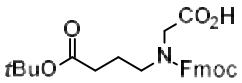
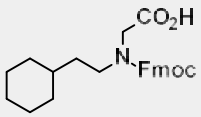
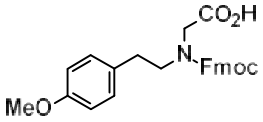
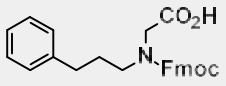
ペプチドリーム社製　非天然型アミノ酸試薬

ペプチド医薬品の領域で世界をリードしているペプチドリーム株式会社が保有する非天然型アミノ酸を一般試薬としてラインナップ。
同社の研究開発の現場で実際に使用され、活性向上や体内動態改善、物性改善などの実績のある製品群です。
薬理活性向上、動態改善、物性改善等のブレイクスルーを目的にぜひご利用ください。

PeptiDream

構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	(*S*)-N-Fmoc-α-[2-(6-methoxypyridin-3-yl)]ethylglycine 2349871-82-3	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{25}H_{24}N_2O_5$ (432.47)	100 mg 250 mg 1 g	KUP-10019 ¥30,000 KUP-10017 ¥40,000 KUP-10011 ¥95,000	プロトンアクセプターを適度な位置に配置 物性改善に効果的
	(*S*)-N-Fmoc-α-[2-(5-methoxypyridin-2-yl)]ethylglycine 2350064-93-4	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{25}H_{24}N_2O_5$ (432.47)	100 mg 250 mg 1 g	KUP-10029 ¥33,000 KUP-10027 ¥45,000 KUP-10021 ¥105,000	同上
	(*S*)-N-Fmoc-α-[2-(5-methoxypyrimidin-2-yl)]ethylglycine 2680607-33-2	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{24}H_{23}N_3O_5$ (433.46)	100 mg 250 mg 1 g	KUP-10039 ¥30,000 KUP-10037 ¥40,000 KUP-10031 ¥95,000	同上
	(*S*)-N-Fmoc-α-[2-(2-methoxypyrimidin-5-yl)]ethylglycine 2680607-32-1	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{24}H_{23}N_3O_5$ (433.46)	100 mg 250 mg 1 g	KUP-10049 ¥30,000 KUP-10047 ¥40,000 KUP-10041 ¥95,000	同上
	(*S*)-N-Fmoc-α-[2-(6-methoxypyridazin-3-yl)]ethylglycine 2349456-62-6	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{24}H_{23}N_3O_5$ (433.46)	100 mg 250 mg 1 g	KUP-10059 ¥30,000 KUP-10057 ¥40,000 KUP-10051 ¥95,000	同上
	(*S*)-N-Fmoc-β-(5,6-dimethoxypyridin-3-yl)alanine 2680607-37-6	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{25}H_{24}N_2O_6$ (448.46)	100 mg 250 mg 1 g	KUP-10089 ¥30,000 KUP-10087 ¥40,000 KUP-10081 ¥95,000	Phe 等価体 物性改善に効果的
	(*S*)-N-Fmoc-β-(quinolin-6-yl)alanine 1998643-85-8	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{27}H_{22}N_2O_4$ (438.47)	100 mg 250 mg 1 g	KUP-10229 ¥40,000 KUP-10227 ¥57,000 KUP-10221 ¥140,000	同上
	(*S*)-N-Fmoc-β-(quinolin-7-yl)alanine 2349649-45-0	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{27}H_{22}N_2O_4$ (438.47)	100 mg 250 mg 1 g	KUP-10239 ¥40,000 KUP-10237 ¥57,000 KUP-10231 ¥140,000	同上
	(*S*)-N-Fmoc-β-(quinolin-3-yl)alanine 281655-61-6	≧ 95.0% ≧ 95.0%ee	冷凍	$C_{27}H_{22}N_2O_4$ (438.47)	100 mg 250 mg 1 g	KUP-10249 ¥40,000 KUP-10247 ¥57,000 KUP-10241 ¥140,000	同上
	(*S*)-N-Fmoc-β-(quinolin-8-yl)alanine 1821738-49-1	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{27}H_{22}N_2O_4$ (438.47)	100 mg 250 mg 1 g	KUP-10279 ¥40,000 KUP-10277 ¥57,000 KUP-10271 ¥140,000	同上

構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	(*S*)-N-Fmoc-β-(6-phenylpyridin-3-yl)alanine 2717598-89-3	≧ 95.0% ≧ 95.0%ee	冷凍	$C_{29}H_{24}N_2O_4$ (464.51)	100 mg 250 mg 1 g	KUP-10169 ¥37,000 KUP-10167 ¥46,000 KUP-10161 ¥105,000	脂溶性ポケットとの親和性向上に効果的 物性を増悪せず、脂溶性の維持向上に期待
	(*S*)-N-Fmoc-3-(pyridin-2-yl)phenylalanine 2680607-36-5	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{29}H_{24}N_2O_4$ (464.51)	100 mg 250 mg 1 g	KUP-10219 ¥37,000 KUP-10217 ¥46,000 KUP-10211 ¥105,000	同上
	(*S*)-N-Fmoc-β-(7-azaindol-3-yl)alanine 737007-45-3	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{25}H_{21}N_3O_4$ (427.45)	100 mg 250 mg 1 g	KUP-10129 ¥38,000 KUP-10127 ¥56,000 KUP-10121 ¥135,000	Trp 等価体 物性改善に効果的
	(*S*)-N-Fmoc-β-(1-Boc-6-azaindol-3-yl)alanine Not Registered	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{30}H_{29}N_3O_6$ (527.57)	100 mg 250 mg 1 g	KUP-10719 ¥37,000 KUP-10717 ¥54,000 KUP-10711 ¥135,000	同上
	(*S*)-N-Fmoc-4-(*tert*-butoxycarbonylmethoxy)phenylalanine 181951-92-8	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{30}H_{31}NO_7$ (517.56)	100 mg 250 mg 1 g	KUP-10439 ¥28,000 KUP-10437 ¥32,000 KUP-10431 ¥58,000	Phe 等価体 物性改善に効果的
	(*S*)-N-Fmoc-N-methyl-3-chlorophenylalanine 1446478-28-9	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{25}H_{22}ClNO_4$ (435.90)	100 mg 250 mg 1 g	KUP-10489 ¥29,000 KUP-10487 ¥37,000 KUP-10481 ¥88,000	同上
	(*S*)-N-Fmoc-N-methyl-3,4-dichlorophenylalanine Not Registered	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{25}H_{21}Cl_2NO_4$ (470.34)	100 mg 250 mg 1 g	KUP-10519 ¥29,000 KUP-10517 ¥37,000 KUP-10511 ¥88,000	同上
	(*S*)-N-Fmoc-N-methyl-4-(*tert*-butoxycarbonyl)phenylalanine Not Registered	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{30}H_{31}NO_6$ (501.57)	100 mg 250 mg 1 g	KUP-10559 ¥30,000 KUP-10557 ¥40,000 KUP-10551 ¥98,000	同上
	(*S*)-N_α-Fmoc-N_ω-{[(Pbf)amino](dimethylamino)methylene}lysine Not Registered	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{37}H_{46}N_4O_7S$ (690.85)	100 mg 250 mg 1 g	KUP-10109 ¥40,000 KUP-10107 ¥57,000 KUP-10101 ¥140,000	炭素鎖が異なるArg等価体：側鎖修飾による脂溶性ポケットへの親和性向上に期待
	(*S*)-N_α-Fmoc-N_ω-{[(Pbf)amino](diethylamino)methylene}lysine Not Registered	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{39}H_{50}N_4O_7S$ (718.90)	100 mg 250 mg 1 g	KUP-10119 ¥40,000 KUP-10117 ¥57,000 KUP-10111 ¥140,000	同上
	(*S*)-N-Fmoc-β-(4-{[(Pbf)amino](dibenzosuber-5-ylamino)methylene}aminophenyl)alanine Not Registered	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{53}H_{52}N_4O_7S$ (889.07)	100 mg 250 mg 1 g	KUP-10289 ¥40,000 KUP-10287 ¥57,000 KUP-10281 ¥140,000	同上
	(*S*)-N-Fmoc-3-({[(Pbf)amino](dibenzosuber-5-ylamino)methylene}amino)phenylalanine Not Registered	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{53}H_{52}N_4O_7S$ (889.07)	100 mg 250 mg 1 g	KUP-10299 ¥40,000 KUP-10297 ¥57,000 KUP-10291 ¥140,000	芳香環をもつArg等価体：Pbf, Sub基はより固相合成に適した保護基の組み合わせ

構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	(*S*)-N_α-Fmoc-N_ω-{[1-(*tert*-butoxycarbonylmethyl)piperidine-4-yl]carbonyl}lysine 2680607-34-3	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{32}H_{42}N_4O_7$ (594.70)	100 mg 250 mg 1 g	KUP-10069 ¥34,000 KUP-10067 ¥50,000 KUP-10061 ¥120,000	脱*tert*-Bu体のTwitter形成による溶解度の劇的な改善に期待
	(*S*)-N_α-Fmoc-N_α-methyl-N_ω-{[4-(*tert*-butoxycarbonylmethyl)piperazine-1-yl]carbonyl}lysine Not Registered	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{33}H_{44}N_4O_7$ (608.73)	100 mg 250 mg 1 g	KUP-10729 ¥37,000 KUP-10727 ¥54,000 KUP-10721 ¥135,000	同上
	(*S*)-N_α-Fmoc-N_ω-{[1-(*tert*-butoxycarbonylmethyl)piperidine-4-yl]carbonyl}lysine 2680607-38-7	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{33}H_{43}N_3O_7$ (593.71)	100 mg 250 mg 1 g	KUP-10079 ¥34,000 KUP-10077 ¥50,000 KUP-10071 ¥120,000	同上
	(*S*)-N-Fmoc-*β*-[1-(*tert*-butoxycarbonylmethyl)piperidine-4-yl]alanine 2680607-35-4	≧ 95.0% ≧ 98.0%ee	冷凍	$C_{29}H_{36}N_2O_6$ (508.61)	100 mg 250 mg 1 g	KUP-10369 ¥40,000 KUP-10367 ¥57,000 KUP-10361 ¥140,000	同上
	1-(*tert*-Butoxycarbonylmethyl)-4-(Fmoc-amino)piperidine-4-carboxylic acid 2680614-81-5	≧ 95.0% -	冷凍	$C_{27}H_{32}N_2O_6$ (480.55)	100 mg 250 mg 1 g	KUP-10379 ¥40,000 KUP-10377 ¥57,000 KUP-10371 ¥140,000	同上
	N-Fmoc-N-(5-*tert*-butoxycarbonylpentan-1-yl)glycine 185426-32-8	≧ 95.0% -	冷凍	$C_{27}H_{33}NO_6$ (467.55)	100 mg 250 mg 1 g	KUP-10329 ¥28,000 KUP-10327 ¥32,000 KUP-10321 ¥78,000	水素結合、コンフォメーションの制御、プロトンドナーとして蛋白親和性向上に期待
	N-Fmoc-N-(3-*tert*-butoxycarbonylpropan-1-yl)glycine 174799-90-7	≧ 95.0% -	冷凍	$C_{25}H_{29}NO_6$ (439.50)	100 mg 250 mg 1 g	KUP-10339 ¥28,000 KUP-10337 ¥32,000 KUP-10331 ¥78,000	同上
	N-Fmoc-N-(2-cyclohexylethyl)glycine 2680615-14-7	≧ 95.0% -	冷凍	$C_{25}H_{29}NO_4$ (407.50)	100 mg 250 mg 1 g	KUP-10319 ¥30,000 KUP-10317 ¥40,000 KUP-10311 ¥98,000	水素結合、コンフォメーションの制御、蛋白脂溶性ポケットへの親和性向上に期待
	N-Fmoc-N-[2-(4-methoxyphenyl)ethyl]glycine 1286711-20-3	≧ 95.0% -	冷凍	$C_{26}H_{25}NO_5$ (431.48)	100 mg 250 mg 1 g	KUP-10349 ¥29,000 KUP-10347 ¥34,000 KUP-10341 ¥58,000	同上
	N-Fmoc-N-(3-phenylpropan-1-yl)glycine 2231812-73-8	≧ 95.0% -	冷凍	$C_{26}H_{25}NO_4$ (415.48)	100 mg 250 mg 1 g	KUP-10359 ¥37,000 KUP-10357 ¥46,000 KUP-10351 ¥94,000	同上

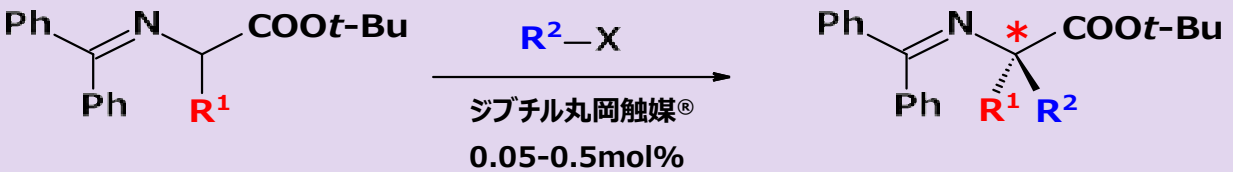
略語一覧

略語	化合物名
Alloc	Allyloxycarbonyl
Bn	Benzyl
Boc	*tert*-Butoxycarbonyl
***t*-Bu**	*tert*-Butyl
Fmoc	9-Fluorenylmethoxycarbonyl

略語	化合物名
Mmt	4-Methoxytrityl
Mtt	4-Methyltrityl
Pbf	2,2,4,6,7-Pentamethyldihydrobenzofuran-5-sulfonyl
Trt	Triphenylmethyl Trityl

丸岡触媒®販売のお知らせ

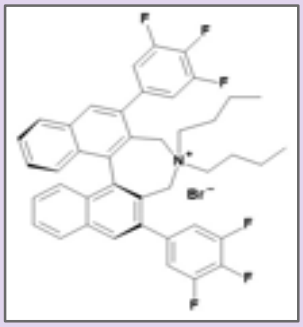
～ 高収率、高選択的非天然型アミノ酸の製造が可能となる
ジブチル 丸岡触媒®（新型 丸岡触媒®）を販売しております ～

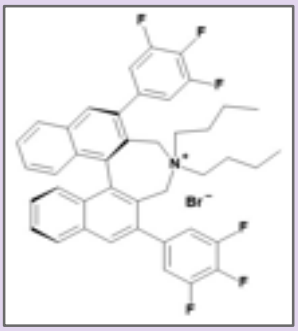


非天然型置換基（R^2）を立体選択的に導入

Org.Synth. **2013**,*90*,112-120,　*Chem.Asian J*. **2008**,*3*,1702-1714

ジブチル 丸岡触媒®　（新型 丸岡触媒®）





第一世代触媒と比較し、触媒活性向上・触媒コスト低減が図られ、

実製造レベルで使用可能な触媒です。

製品名	CAS-RN®	製品コード	容量	価格
(S)-ジブチル 丸岡触媒® (S)-Dibutyl Maruoka Catalyst®	851942-89-7	KUA-01262	100mg	¥29,700
		KUA-01264	500mg	¥94,500
(R)-ジブチル 丸岡触媒® (R)-Dibutyl Maruoka Catalyst®	887938-70-7	KUA-01272	100mg	¥29,700
		KUA-01274	500mg	¥94,500

※バルク量(#)でのご購入の相談もお受けいたします。

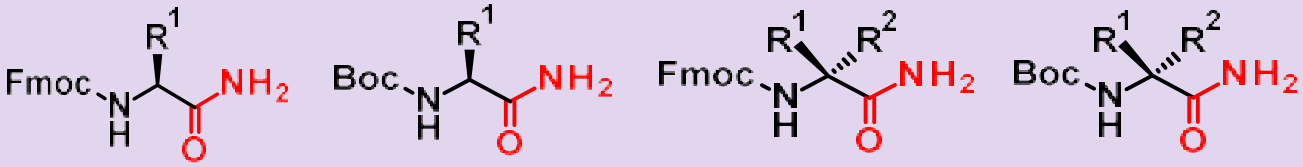
※『丸岡触媒』はキシダ化学の国内登録商標です。
『Maruoka Catalyst』はキシダ化学の国内および米国、英国、スイス、フランスでの登録商標です。
＃試験研究用途以外の丸岡触媒®のご使用は弊社保有特許に抵触の恐れがございますので、必ず弊社宛にご連絡をお願いします。

非天然型アミノ酸誘導体のオンデマンド販売

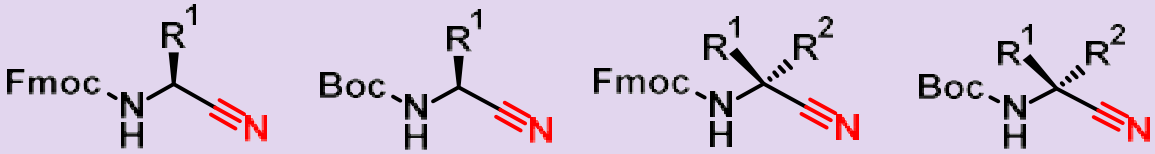
キシダオリジナルな非天然アミノ酸から誘導化したキラルなビルディングブロックをご提供致します*1。

当社保有の非天然アミノ酸在庫を用い受注から2~3週間程度でお届け致します*2。

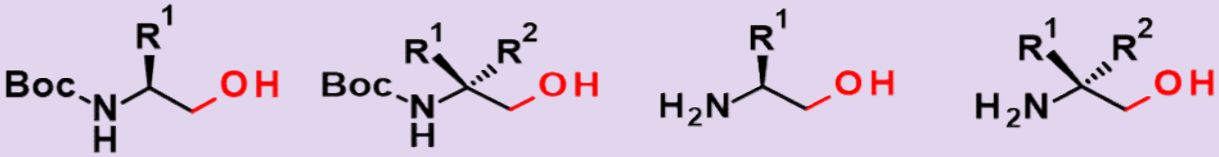
1) アミノカルボン酸アミド化合物



2) アミノニトリル化合物



3) アミノアルコール化合物



***1: 販売は研究用途に限ります。**

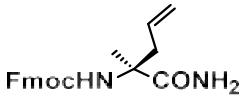
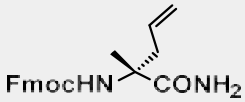
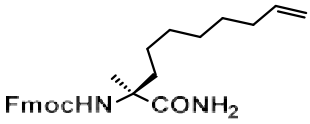
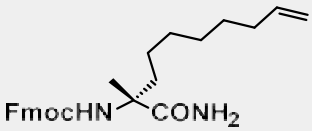
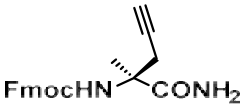
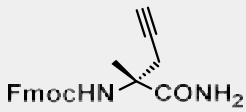
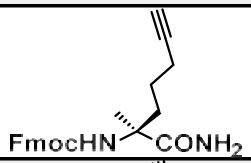
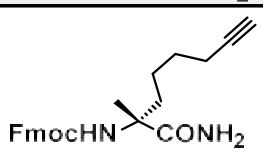
アミノ酸の在庫状況、合成状況によっては合成不可または合成期間に変更がある場合がございます。

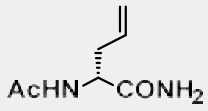
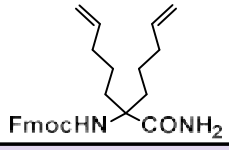
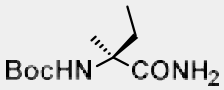
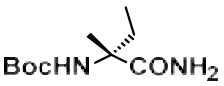
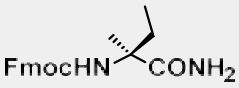
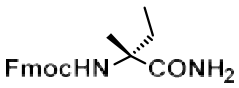
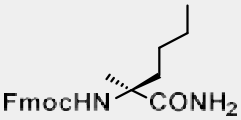
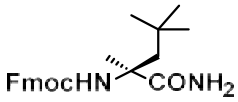
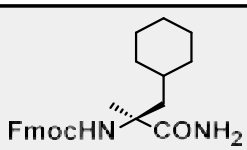
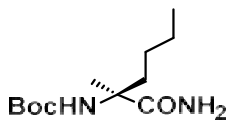
すべて>98%ee のアミノ酸誘導体から誘導します。光学純度は原料となるアミノ酸の光学純度を基に記載しています。光学純度を決定する場合には別途期間と費用が必要になります。

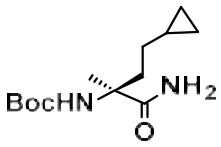
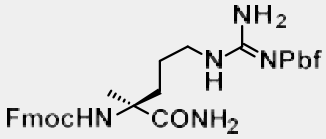
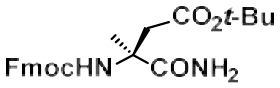
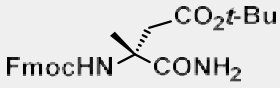
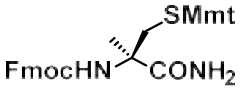
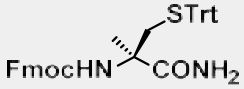
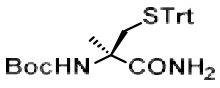
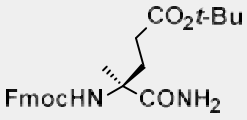
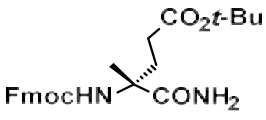
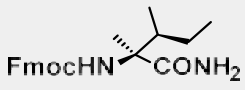
***2: 日本国内の場合に限ります。日本国外の場合は別途お問い合わせください。**
複数同時のご購入の場合は別途お時間が必要になります。

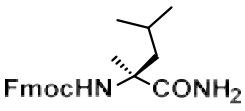
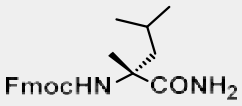
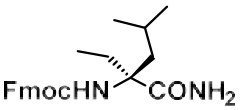
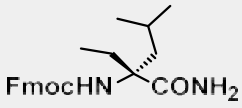
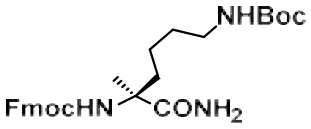
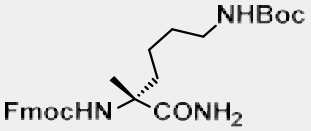
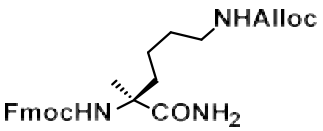
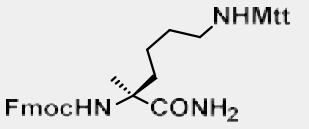
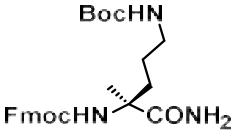
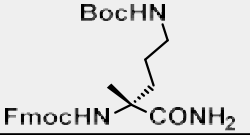
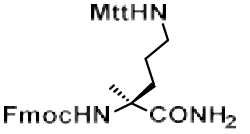
随時拡大中ですので、記載のない商品もご提供可能な場合がございます。
お問い合わせください。

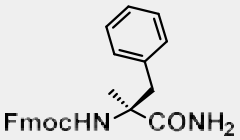
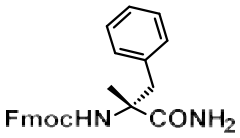
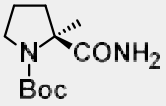
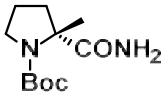
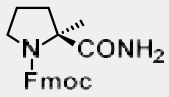
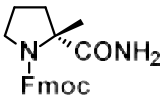
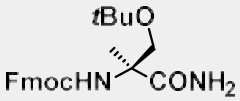
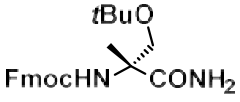
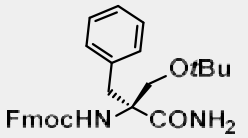
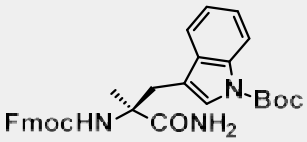
α−Amino carboxamides (on demand)

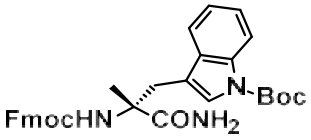
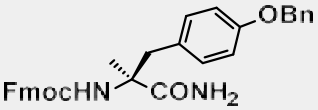
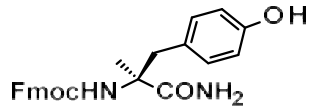
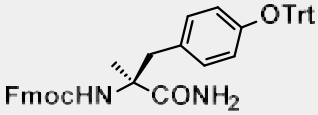
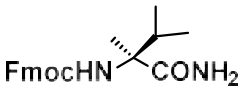
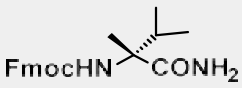
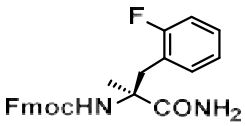
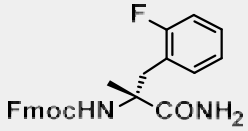
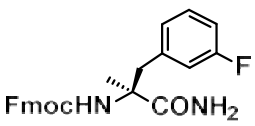
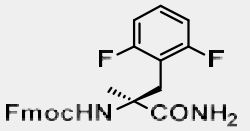
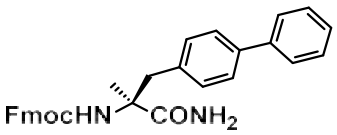
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
α-AlkenylAla derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-carbamoyl-1-methyl-but-3-enyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{21}H_{22}N_2O_3$ (350.41)	100 mg 1 g	KUA-01689 ¥26,400 KUA-01681 ¥66,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-carbamoyl-1-methyl-but-3-enyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{21}H_{22}N_2O_3$ (350.41)	100 mg 1 g	KUA-01699 ¥26,400 KUA-01691 ¥66,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-carbamoyl-1-methyl-hex-5-enyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{23}H_{26}N_2O_3$ (378.46)	100 mg 1 g	KUA-01709 ¥24,000 KUA-01701 ¥54,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-carbamoyl-1-methyl-hex-5-enyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{23}H_{26}N_2O_3$ (378.46)	100 mg 1 g	KUA-01719 ¥24,000 KUA-01711 ¥54,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-carbamoyl-1-methyl-non-8-enyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{26}H_{32}N_2O_3$ (420.54)	100 mg 1 g	KUA-01729 ¥22,800 KUA-01721 ¥66,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-carbamoyl-1-methyl-non-8-enyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{26}H_{32}N_2O_3$ (420.54)	100 mg 1 g	KUA-01739 ¥22,800 KUA-01731 ¥66,000	
α-AlkynylAla derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-carbamoyl-1-methyl-but-3-ynyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{21}H_{20}N_2O_3$ (348.40)	100 mg 1 g	KUA-01749 ¥24,000 KUA-01741 ¥54,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-carbamoyl-1-methyl-but-3-ynyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{21}H_{20}N_2O_3$ (348.40)	100 mg 1 g	KUA-01759 ¥24,000 KUA-01751 ¥54,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-carbamoyl-1-methyl-hex-5-ynyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{23}H_{24}N_2O_3$ (376.45)	100 mg 1 g	KUA-01769 ¥25,200 KUA-01761 ¥72,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-carbamoyl-1-methyl-hex-5-ynyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{23}H_{24}N_2O_3$ (376.45)	100 mg 1 g	KUA-01779 ¥33,600 KUA-01771 ¥72,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-carbamoyl-1-methyl-hept-6-ynyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{24}H_{26}N_2O_3$ (390.47)	100 mg 1 g	KUA-01789 ¥25,200 KUA-01781 ¥102,000	

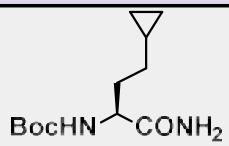
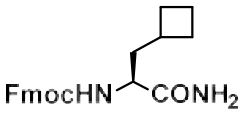
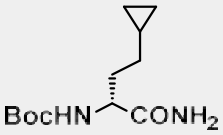
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
α-AlkenylGly derivatives							
	(2*R*)-2-acetamidopent-4-enamide not registered	≧95.0% ≧98.0%ee		$C_7H_{12}N_2O_2$ (156.18)	100 mg 1 g	KUA-01799 ¥24,000 KUA-01791 ¥54,000	
α,α-DialkenylGly derivatives							
	9*H*-fluoren-9-ylmethyl N-(1-carbamoyl-1-pent-4-enyl-hex-5-enyl)carbamate 1416896-49-5	≧95.0% -		$C_{27}H_{32}N_2O_3$ (432.55)	100 mg 1 g	KUA-01809 ¥22,800 KUA-01801 ¥72,000	
Alanine (Ala) derivatives							
	*tert*-butyl N-[(1*S*)-1-carbamoyl-1-methyl-propyl]carbamate 2382226-27-7	≧95.0% ≧98.0%ee		$C_{10}H_{20}N_2O_3$ (216.28)	100 mg 1 g	KUA-01819 ¥22,800 KUA-01811 ¥37,440	
	*tert*-butyl N-[(1*R*)-1-carbamoyl-1-methyl-propyl]carbamate 2416141-03-0	≧95.0% ≧98.0%ee		$C_{10}H_{20}N_2O_3$ (216.28)	100 mg 1 g	KUA-01829 ¥22,800 KUA-01821 ¥37,440	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-carbamoyl-1-methyl-propyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{20}H_{22}N_2O_3$ (338.40)	100 mg 1 g	KUA-01839 ¥21,600 KUA-01831 ¥48,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-carbamoyl-1-methyl-propyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{20}H_{22}N_2O_3$ (338.40)	100 mg 1 g	KUA-01849 ¥21,600 KUA-01841 ¥48,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-carbamoyl-1-methyl-pentyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{22}H_{26}N_2O_3$ (366.45)	100 mg 1 g	KUA-01859 ¥24,000 KUA-01851 ¥72,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-carbamoyl-1,3,3-trimethyl-butyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{23}H_{28}N_2O_3$ (380.48)	100 mg 1 g	KUA-01869 ¥38,400 KUA-01861 ¥216,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-2-amino-1-(cyclohexylmethyl)-1-methyl-2-oxo-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{30}N_2O_3$ (406.52)	100 mg 1 g	KUA-01879 ¥21,600 KUA-01871 ¥72,000	
	*tert*-butyl N-[(1*S*)-1-carbamoyl-1-methyl-pentyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{12}H_{24}N_2O_3$ (244.33)	100 mg 1 g	KUA-02989 ¥27,600 KUA-02981 ¥99,000	

構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	*tert*-butyl N-[(1*S*)-1-carbamoyl-3-cyclopropyl-1-methyl-propyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{13}H_{24}N_2O_3$ (256.34)	100 mg 1 g	KUA-02999 ¥27,600 KUA-02991 ¥99,000	
Arginine (Arg) derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-carbamoyl-1-methyl-4-[[N-[(2,2,4,6,7-pentamethyl-3*H*-benzofuran-5-yl)sulfonyl]carbamimidoyl]amino]butyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{35}H_{43}N_5O_6S$ (661.81)	100 mg 1 g	KUA-01889 ¥26,400 KUA-01881 ¥108,000	
Aspartic acid (Asp) derivatives							
	*tert*-butyl (3*S*)-4-amino-3-(9*H*-fluoren-9-ylmethoxycarbonylamino)-3-methyl-4-oxo-butanoate not registered	≧95.0% ≧98.0%ee		$C_{24}H_{28}N_2O_5$ (424.49)	100 mg 1 g	KUA-01899 ¥22,800 KUA-01891 ¥42,000	
	*tert*-butyl (3*R*)-4-amino-3-(9*H*-fluoren-9-ylmethoxycarbonylamino)-3-methyl-4-oxo-butanoate not registered	≧95.0% ≧98.0%ee		$C_{24}H_{28}N_2O_5$ (424.49)	100 mg 1 g	KUA-01909 ¥22,800 KUA-01901 ¥42,000	
Cysteine (Cys) derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-2-amino-1-[[(4-methoxyphenyl)-diphenyl-methyl]sulfanylmethyl]-1-methyl-2-oxo-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{39}H_{36}N_2O_4S$ (628.78)	100 mg 1 g	KUA-01919 ¥24,000 KUA-01911 ¥72,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-2-amino-1-methyl-2-oxo-1-(tritylsulfanylmethyl)ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{38}H_{34}N_2O_3S$ (598.75)	100 mg 1 g	KUA-02259 ¥22,800 KUA-02251 ¥72,000	
	*tert*-butyl N-[(1*R*)-2-amino-1-methyl-2-oxo-1-(tritylsulfanylmethyl)ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{28}H_{32}N_2O_3S$ (476.63)	100 mg 1 g	KUA-02269 ¥22,800 KUA-02261 ¥72,000	
Glutamic acid (Glu) derivatives							
	*tert*-butyl (4*S*)-5-amino-4-(9*H*-fluoren-9-ylmethoxycarbonylamino)-4-methyl-5-oxo-pentanoate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{30}N_2O_5$ (438.52)	100 mg 1 g	KUA-01929 ¥25,200 KUA-01921 ¥108,000	
	*tert*-butyl (4*R*)-5-amino-4-(9*H*-fluoren-9-ylmethoxycarbonylamino)-4-methyl-5-oxo-pentanoate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{30}N_2O_5$ (438.52)	100 mg 1 g	KUA-02309 ¥22,800 KUA-02301 ¥108,000	
Isoleucine (Ile) derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*,2*S*)-1-carbamoyl-1,2-dimethyl-butyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{22}H_{26}N_2O_3$ (366.45)	100 mg 1 g	KUA-01939 ¥21,600 KUA-01931 ¥72,000	

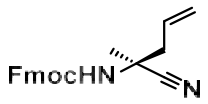
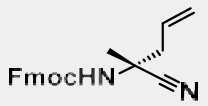
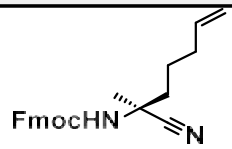
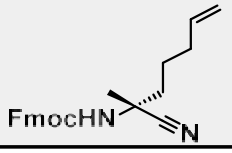
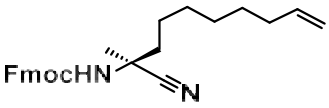
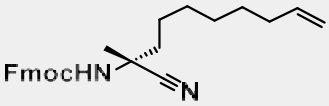
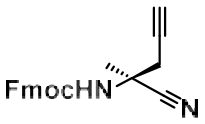
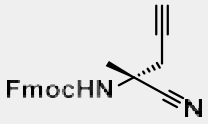
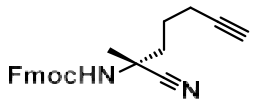
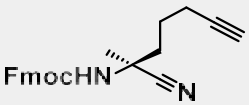
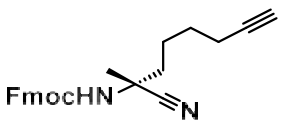
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
Leucine (Leu) derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-carbamoyl-1,3-dimethyl-butyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{22}H_{26}N_2O_3$ (366.45)	100 mg 1 g	KUA-01949 ¥25,200 KUA-01941 ¥72,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-carbamoyl-1,3-dimethyl-butyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{22}H_{26}N_2O_3$ (366.45)	100 mg 1 g	KUA-01959 ¥25,200 KUA-01951 ¥72,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-carbamoyl-1-ethyl-3-methyl-butyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{23}H_{28}N_2O_3$ (380.48)	100 mg 1 g	KUA-01969 ¥22,800 KUA-01961 ¥96,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-carbamoyl-1-ethyl-3-methyl-butyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{23}H_{28}N_2O_3$ (380.48)	100 mg 1 g	KUA-01979 ¥22,800 KUA-01971 ¥96,000	
Lysine (Lys) derivatives							
	*tert*-butyl N-[(5*S*)-6-amino-5-(9*H*-fluoren-9-ylmethoxycarbonylamino)-5-methyl-6-oxo-hexyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{27}H_{35}N_3O_5$ (481.58)	100 mg 1 g	KUA-01989 ¥24,000 KUA-01981 ¥72,000	
	*tert*-butyl N-[(5*R*)-6-amino-5-(9*H*-fluoren-9-ylmethoxycarbonylamino)-5-methyl-6-oxo-hexyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{27}H_{35}N_3O_5$ (481.58)	100 mg 1 g	KUA-01999 ¥24,000 KUA-01991 ¥72,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-5-(allyloxycarbonylamino)-1-carbamoyl-1-methyl-pentyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{26}H_{31}N_3O_5$ (465.54)	100 mg 1 g	KUA-02009 ¥25,200 KUA-02001 ¥144,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-carbamoyl-5-[[diphenyl(p-tolyl)methyl]amino]-1-methyl-pentyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{42}H_{43}N_3O_3$ (637.81)	100 mg 1 g	KUA-02019 ¥21,600 KUA-02011 ¥96,000	
Ornithine (Orn) derivatives							
	*tert*-butyl N-[(4*S*)-5-amino-4-(9*H*-fluoren-9-ylmethoxycarbonylamino)-4-methyl-5-oxo-pentyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{26}H_{33}N_3O_5$ (467.56)	100 mg 1 g	KUA-02029 ¥24,000 KUA-02021 ¥72,000	
	*tert*-butyl N-[(4*R*)-5-amino-4-(9*H*-fluoren-9-ylmethoxycarbonylamino)-4-methyl-5-oxo-pentyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{26}H_{33}N_3O_5$ (467.56)	100 mg 1 g	KUA-02039 ¥24,000 KUA-02031 ¥72,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-carbamoyl-4-[[diphenyl(p-tolyl)methyl]amino]-1-methyl-butyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{41}H_{41}N_3O_3$ (623.78)	100 mg 1 g	KUA-02049 ¥26,400 KUA-02041 ¥96,000	

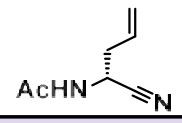
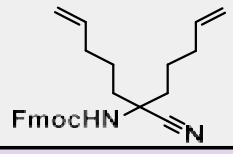
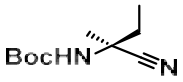
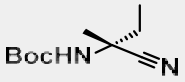
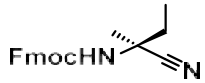
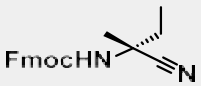
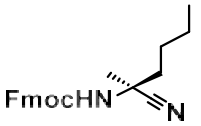
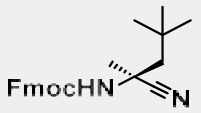
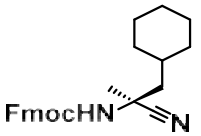
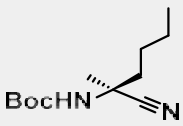
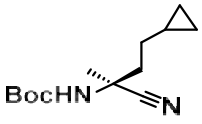
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
Phenylalanine (Phe) derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-2-amino-1-benzyl-1-methyl-2-oxo-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{24}N_2O_3$ (400.47)	100 mg 1 g	KUA-02059 ¥22,800 KUA-02051 ¥30,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-2-amino-1-benzyl-1-methyl-2-oxo-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{24}N_2O_3$ (400.47)	100 mg 1 g	KUA-02069 ¥22,800 KUA-02061 ¥48,000	
Proline (Pro) derivatives							
	*tert*-butyl (2*S*)-2-carbamoyl-2-methyl-pyrrolidine-1-carboxylate not registered	≧95.0% ≧98.0%ee		$C_{11}H_{20}N_2O_3$ (228.29)	100 mg 1 g	KUA-02079 ¥22,800 KUA-02071 ¥36,000	
	*tert*-butyl (2*R*)-2-carbamoyl-2-methyl-pyrrolidine-1-carboxylate 2708343-13-7	≧95.0% ≧98.0%ee		$C_{11}H_{20}N_2O_3$ (228.29)	100 mg 1 g	KUA-02089 ¥22,800 KUA-02081 ¥36,000	
	9*H*-fluoren-9-ylmethyl (2*S*)-2-carbamoyl-2-methyl-pyrrolidine-1-carboxylate not registered	≧95.0% ≧98.0%ee		$C_{21}H_{22}N_2O_3$ (350.41)	100 mg 1 g	KUA-02099 ¥21,600 KUA-02091 ¥54,000	
	9*H*-fluoren-9-ylmethyl (2*R*)-2-carbamoyl-2-methyl-pyrrolidine-1-carboxylate not registered	≧95.0% ≧98.0%ee		$C_{21}H_{22}N_2O_3$ (350.41)	100 mg 1 g	KUA-02109 ¥21,600 KUA-02101 ¥54,000	
Serine (Ser) derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-2-amino-1-(*tert*-butoxymethyl)-1-methyl-2-oxo-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{23}H_{28}N_2O_4$ (396.48)	100 mg 1 g	KUA-02119 ¥25,200 KUA-02111 ¥102,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-2-amino-1-(*tert*-butoxymethyl)-1-methyl-2-oxo-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{23}H_{28}N_2O_4$ (396.48)	100 mg 1 g	KUA-02279 ¥21,600 KUA-02271 ¥102,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-2-amino-1-benzyl-1-(*tert*-butoxymethyl)-2-oxo-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{29}H_{32}N_2O_4$ (472.58)	100 mg 1 g	KUA-02289 ¥22,800 KUA-02281 ¥84,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-2-amino-1-benzyl-1-(*tert*-butoxymethyl)-2-oxo-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{29}H_{32}N_2O_4$ (472.58)	100 mg 1 g	KUA-02299 ¥22,800 KUA-02291 ¥84,000	
Tryptophan (Trp) derivatives							
	*tert*-butyl 3-[(2*S*)-3-amino-2-(9*H*-fluoren-9-ylmethoxycarbonylamino)-2-methyl-3-oxo-propyl]indole-1-carboxylate not registered	≧95.0% ≧98.0%ee		$C_{32}H_{33}N_3O_5$ (539.62)	100 mg 1 g	KUA-02129 ¥30,000 KUA-02121 ¥132,000	

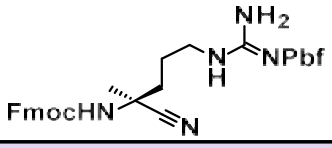
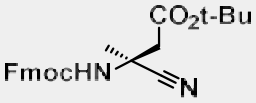
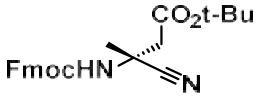
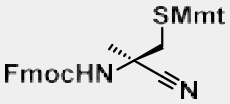
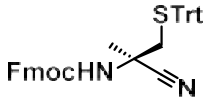
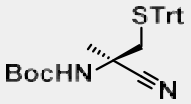
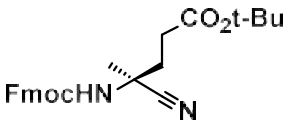
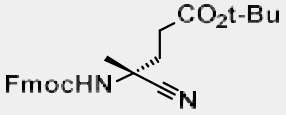
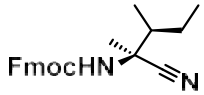
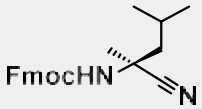
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	*tert*-butyl 3-[(2*R*)-3-amino-2-(9*H*-fluoren-9-ylmethoxycarbonylamino)-2-methyl-3-oxo-propyl]indole-1-carboxylate not registered	≧95.0% ≧98.0%ee		$C_{32}H_{33}N_3O_5$ (539.62)	100 mg 1 g	KUA-02139 ¥30,000 KUA-02131 ¥132,000	
Tyrosine (Tyr) derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-2-amino-1-[(4-benzyloxyphenyl)methyl]-1-methyl-2-oxo-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{32}H_{30}N_2O_4$ (506.59)	100 mg 1 g	KUA-02149 ¥21,600 KUA-02141 ¥60,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-2-amino-1-[(4-hydroxyphenyl)methyl]-1-methyl-2-oxo-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{24}N_2O_4$ (416.47)	100 mg 1 g	KUA-02159 ¥27,600 KUA-02151 ¥66,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-2-amino-1-methyl-2-oxo-1-[(4-trityloxyphenyl)methyl]ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{44}H_{38}N_2O_4$ (658.78)	100 mg 1 g	KUA-02169 ¥21,600 KUA-02161 ¥96,000	
Valine (Val) derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-carbamoyl-1,2-dimethyl-propyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{21}H_{24}N_2O_3$ (352.43)	100 mg 1 g	KUA-02179 ¥21,600 KUA-02171 ¥42,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-carbamoyl-1,2-dimethyl-propyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{21}H_{24}N_2O_3$ (352.43)	100 mg 1 g	KUA-02189 ¥21,600 KUA-02181 ¥42,000	
F-Phe derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-2-amino-1-[(2-fluorophenyl)methyl]-1-methyl-2-oxo-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{23}FN_2O_3$ (418.46)	100 mg 1 g	KUA-02199 ¥22,800 KUA-02191 ¥36,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-2-amino-1-[(2-fluorophenyl)methyl]-1-methyl-2-oxo-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{23}FN_2O_3$ (418.46)	100 mg 1 g	KUA-02209 ¥22,800 KUA-02201 ¥36,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-2-amino-1-[(3-fluorophenyl)methyl]-1-methyl-2-oxo-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{23}FN_2O_3$ (418.46)	100 mg 1 g	KUA-02219 ¥22,800 KUA-02211 ¥60,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-2-amino-1-[(2,6-difluorophenyl)methyl]-1-methyl-2-oxo-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{22}F_2N_2O_3$ (436.45)	100 mg 1 g	KUA-02229 ¥21,600 KUA-02221 ¥36,000	
4-Ph-Phe derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-2-amino-1-methyl-2-oxo-1-[(4-phenylphenyl)methyl]ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{31}H_{28}N_2O_3$ (476.57)	100 mg 1 g	KUA-02239 ¥22,800 KUA-02231 ¥84,000	

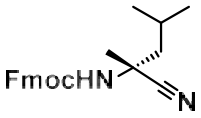
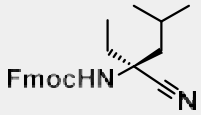
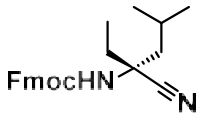
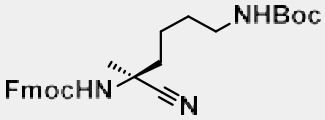
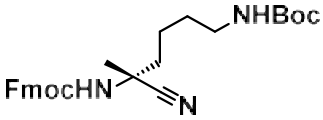
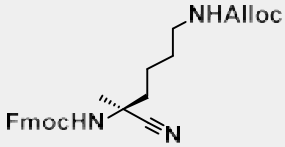
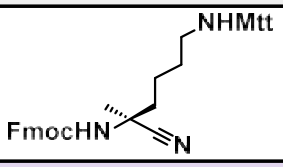
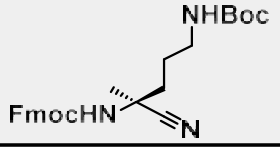
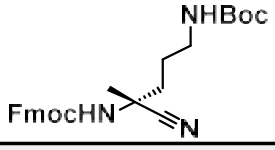
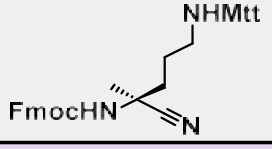
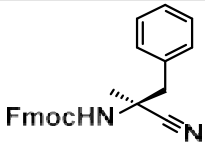
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
Glycine (Gly) derivatives							
	*tert*-butyl N-[(1*S*)-1-carbamoyl-3-cyclopropyl-propyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{12}H_{22}N_2O_3$ (242.31)	100 mg 1 g	KUA-02249 ¥22,800 KUA-02241 ¥108,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-2-amino-1-(cyclobutylmethyl)-2-oxo-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{22}H_{24}N_2O_3$ (364.44)	100 mg 1 g	KUA-02319 ¥27,600 KUA-02311 ¥108,000	
	*tert*-butyl N-[(1*R*)-1-carbamoyl-3-cyclopropyl-propyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{12}H_{22}N_2O_3$ (242.31)	100 mg 1 g	KUA-02329 ¥22,800 KUA-02321 ¥176,000	

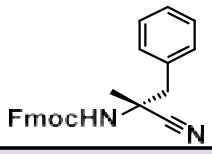
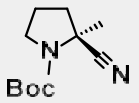
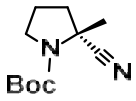
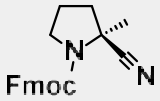
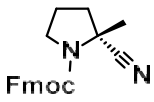
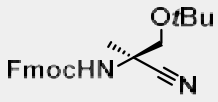
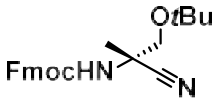
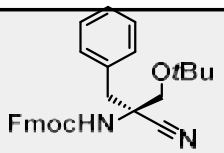
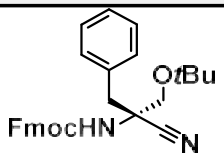
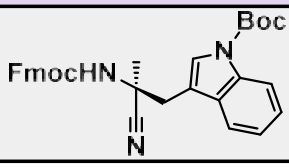
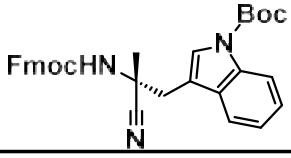
α−Aminonitriles (on demand)

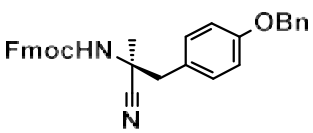
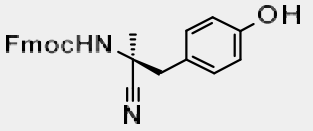
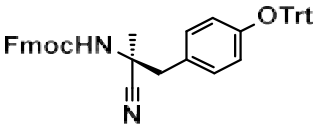
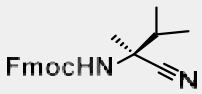
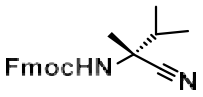
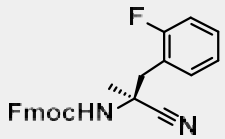
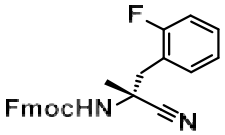
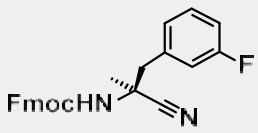
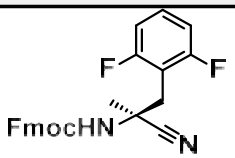
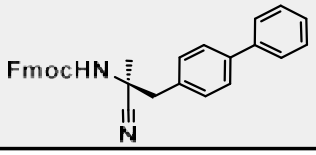
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
α-AlkenylAla derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-1-methyl-but-3-enyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{21}H_{20}N_2O_2$ (332.40)	100 mg 1 g	KUA-02339 ¥50,600 KUA-02331 ¥82,500	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-cyano-1-methyl-but-3-enyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{21}H_{20}N_2O_2$ (332.40)	100 mg 1 g	KUA-02349 ¥50,600 KUA-02341 ¥93,500	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-1-methyl-hex-5-enyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{23}H_{24}N_2O_2$ (360.45)	100 mg 1 g	KUA-02359 ¥46,000 KUA-02351 ¥67,500	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-cyano-1-methyl-hex-5-enyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{23}H_{24}N_2O_2$ (360.45)	100 mg 1 g	KUA-02369 ¥46,000 KUA-02361 ¥67,500	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-1-methyl-non-8-enyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{26}H_{30}N_2O_2$ (402.53)	100 mg 1 g	KUA-02379 ¥43,700 KUA-02371 ¥82,500	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-cyano-1-methyl-non-8-enyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{26}H_{30}N_2O_2$ (402.53)	100 mg 1 g	KUA-02389 ¥43,700 KUA-02381 ¥82,500	
α-AlkynylAla derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-1-methyl-but-3-ynyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{21}H_{18}N_2O_2$ (330.38)	100 mg 1 g	KUA-02399 ¥46,000 KUA-02391 ¥81,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-cyano-1-methyl-but-3-ynyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{21}H_{18}N_2O_2$ (330.38)	100 mg 1 g	KUA-02409 ¥46,000 KUA-02401 ¥81,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-1-methyl-hex-5-ynyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{23}H_{22}N_2O_2$ (358.43)	100 mg 1 g	KUA-02419 ¥48,300 KUA-02411 ¥90,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-cyano-1-methyl-hex-5-ynyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{23}H_{22}N_2O_2$ (358.43)	100 mg 1 g	KUA-02429 ¥52,500 KUA-02421 ¥90,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-cyano-1-methyl-hept-6-ynyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{24}H_{24}N_2O_2$ (372.46)	100 mg 1 g	KUA-02439 ¥48,300 KUA-02431 ¥127,500	

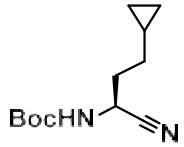
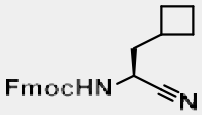
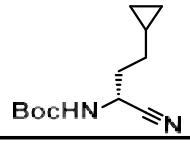
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
α-AlkenylGly derivatives							
	N-[(1*R*)-1-cyanobut-3-enyl]acetamide not registered	≧95.0% ≧98.0%ee		$C_7H_{10}N_2O$ (138.17)	100 mg 1 g	KUA-02449 ¥46,000 KUA-02441 ¥67,500	
α,α-DialkenylGly derivatives							
	9*H*-fluoren-9-ylmethyl N-(1-cyano-1-pent-4-enyl-hex-5-enyl)carbamate not registered	≧98.0% ≧98.0%ee		$C_{27}H_{30}N_2O_2$ (414.54)	100 mg 1 g	KUA-02459 ¥43,700 KUA-02451 ¥90,000	
Alanine (Ala) derivatives							
	*tert*-butyl N-[(1*S*)-1-cyano-1-methyl-propyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{10}H_{18}N_2O_2$ (198.26)	100 mg 1 g	KUA-02469 ¥43,700 KUA-02461 ¥62,400	
	*tert*-butyl N-[(1*R*)-1-cyano-1-methyl-propyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{10}H_{18}N_2O_2$ (198.26)	100 mg 1 g	KUA-02479 ¥43,700 KUA-02471 ¥62,400	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-1-methyl-propyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{20}H_{20}N_2O_2$ (320.39)	100 mg 1 g	KUA-02489 ¥41,400 KUA-02481 ¥60,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-cyano-1-methyl-propyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{20}H_{20}N_2O_2$ (320.39)	100 mg 1 g	KUA-02499 ¥45,000 KUA-02491 ¥60,000	
	9*H*-fluoren-9-ylmethyl N-[(1S)-1-cyano-1-methyl-pentyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{22}H_{24}N_2O_2$ (348.44)	100 mg 1 g	KUA-02509 ¥46,000 KUA-02501 ¥90,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-1,3,3-trimethyl-butyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{23}H_{26}N_2O_2$ (362.46)	100 mg 1 g	KUA-02519 ¥73,600 KUA-02511 ¥216,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-2-cyclohexyl-1-methyl-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{28}N_2O_2$ (388.50)	100 mg 1 g	KUA-02529 ¥41,400 KUA-02521 ¥90,000	
	*tert*-butyl N-[(1*S*)-1-carbamoyl-1-methyl-pentyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{12}H_{24}N_2O_3$ (244.33)	100 mg 1 g	KUA-03009 ¥52,900 KUA-03001 ¥135,000	
	*tert*-butyl N-[(1*S*)-1-carbamoyl-3-cyclopropyl-1-methyl-propyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{13}H_{24}N_2O_3$ (256.34)	100 mg 1 g	KUA-03019 ¥52,900 KUA-03011 ¥135,000	

構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
Arginine (Arg) derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-1-methyl-4-[[N-[(2,2,4,6,7-pentamethyl-3*H*-benzofuran-5-yl)sulfonyl]carbamimidoyl]amino]butyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{35}H_{41}N_5O_5S$ (643.79)	100 mg 1 g	KUA-02539 ¥50,600 KUA-02531 ¥135,000	
Aspartic acid (Asp) derivatives							
	*tert*-butyl (3*S*)-3-cyano-3-(9*H*-fluoren-9-ylmethoxycarbonylamino)butanoate not registered	≧95.0% ≧98.0%ee		$C_{24}H_{26}N_2O_4$ (406.47)	100 mg 1 g	KUA-02549 ¥43,700 KUA-02541 ¥63,000	
	tert-butyl (3*R*)-3-cyano-3-(9*H*-fluoren-9-ylmethoxycarbonylamino)butanoate not registered	≧95.0% ≧98.0%ee		$C_{24}H_{26}N_2O_4$ (406.47)	100 mg 1 g	KUA-02559 ¥43,700 KUA-02551 ¥63,000	
Cysteine (Cys) derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-cyano-2-[(4-methoxyphenyl)-diphenyl-methyl]sulfanyl-1-methyl-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{39}H_{34}N_2O_3S$ (610.76)	100 mg 1 g	KUA-02569 ¥46,000 KUA-02561 ¥90,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-cyano-1-methyl-2-tritylsulfanyl-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{38}H_{32}N_2O_2S$ (580.74)	100 mg 1 g	KUA-02909 ¥43,700 KUA-02901 ¥90,000	
	*tert*-butyl N-[(1*R*)-1-cyano-1-methyl-2-tritylsulfanyl-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{28}H_{30}N_2O_2S$ (458.62)	100 mg 1 g	KUA-02919 ¥43,700 KUA-02911 ¥90,000	
Glutamic acid (Glu) derivatives							
	*tert*-butyl (4*S*)-4-cyano-4-(9*H*-fluoren-9-ylmethoxycarbonylamino)pentanoate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{28}N_2O_4$ (420.50)	100 mg 1 g	KUA-02579 ¥48,300 KUA-02571 ¥135,000	
	*tert*-butyl (4*R*)-4-cyano-4-(9*H*-fluoren-9-ylmethoxycarbonylamino)pentanoate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{28}N_2O_4$ (420.50)	100 mg 1 g	KUA-02959 ¥43,700 KUA-02951 ¥135,000	
Isoleucine (Ile) derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*,2*S*)-1-cyano-1,2-dimethyl-butyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{22}H_{24}N_2O_2$ (348.44)	100 mg 1 g	KUA-02589 ¥45,000 KUA-02581 ¥90,000	
Leucine (Leu) derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-1,3-dimethyl-butyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{22}H_{24}N_2O_2$ (348.44)	100 mg 1 g	KUA-02599 ¥48,300 KUA-02591 ¥90,000	

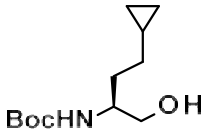
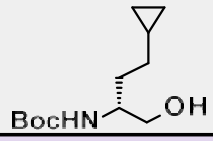
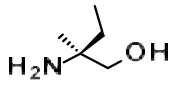
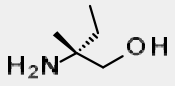
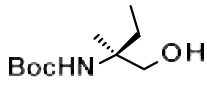
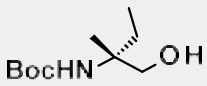
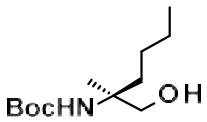
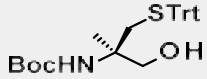
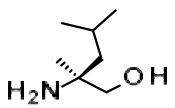
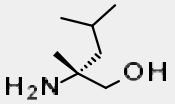
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-cyano-1,3-dimethyl-butyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{22}H_{24}N_2O_2$ (348.44)	100 mg 1 g	KUA-02609 ¥48,300 KUA-02601 ¥90,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-1-ethyl-3-methyl-butyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{23}H_{26}N_2O_2$ (362.46)	100 mg 1 g	KUA-02619 ¥43,700 KUA-02611 ¥120,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-cyano-1-ethyl-3-methyl-butyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{23}H_{26}N_2O_2$ (362.46)	100 mg 1 g	KUA-02629 ¥43,700 KUA-02621 ¥120,000	
Lysine (Lys) derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-5-(tert-butoxycarbonylamino)-1-cyano-1-methyl-pentyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{27}H_{33}N_3O_4$ (463.57)	100 mg 1 g	KUA-02639 ¥46,000 KUA-02631 ¥90,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-5-(tert-butoxycarbonylamino)-1-cyano-1-methyl-pentyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{27}H_{33}N_3O_4$ (463.57)	100 mg 1 g	KUA-02649 ¥46,000 KUA-02641 ¥90,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-5-(allyloxycarbonylamino)-1-cyano-1-methyl-pentyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{26}H_{29}N_3O_4$ (447.53)	100 mg 1 g	KUA-02659 ¥48,300 KUA-02651 ¥144,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-5-[[diphenyl(*p*-tolyl)methyl]amino]-1-methyl-pentyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{42}H_{41}N_3O_2$ (619.79)	100 mg 1 g	KUA-02669 ¥45,000 KUA-02661 ¥120,000	
Ornithine (Orn) derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-4-(tert-butoxycarbonylamino)-1-cyano-1-methyl-butyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{26}H_{31}N_3O_4$ (449.54)	100 mg 1 g	KUA-02679 ¥46,000 KUA-02671 ¥90,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-4-(tert-butoxycarbonylamino)-1-cyano-1-methyl-butyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{26}H_{31}N_3O_4$ (449.54)	100 mg 1 g	KUA-02689 ¥46,000 KUA-02681 ¥90,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-4-[[diphenyl(*p*-tolyl)methyl]amino]-1-methyl-butyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{41}H_{39}N_3O_2$ (605.77)	100 mg 1 g	KUA-02699 ¥50,600 KUA-02691 ¥120,000	
Phenylalanine (Phe) derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-1-methyl-2-phenyl-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{22}N_2O_2$ (382.45)	100 mg 1 g	KUA-02709 ¥43,700 KUA-02701 ¥62,500	

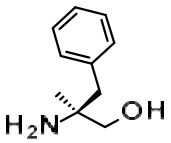
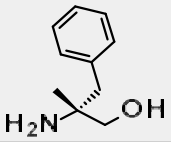
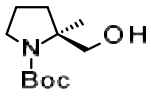
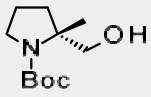
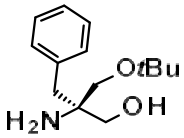
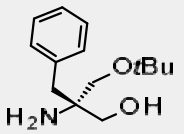
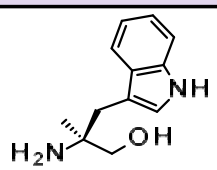
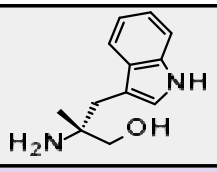
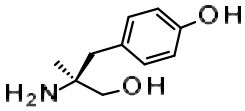
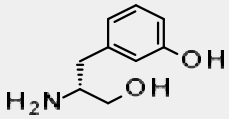
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-cyano-1-methyl-2-phenyl-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{22}N_2O_2$ (382.45)	100 mg 1 g	KUA-02719 ¥43,700 KUA-02711 ¥88,000	
Proline (Pro) derivatives							
	*tert*-butyl (2*S*)-2-cyano-2-methyl-pyrrolidine-1-carboxylate not registered	≧95.0% ≧98.0%ee		$C_{11}H_{18}N_2O_2$ (210.27)	100 mg 1 g	KUA-02729 ¥43,700 KUA-02721 ¥60,000	
	*tert*-butyl (2*R*)-2-cyano-2-methyl-pyrrolidine-1-carboxylate not registered	≧95.0% ≧98.0%ee		$C_{11}H_{18}N_2O_2$ (210.27)	100 mg 1 g	KUA-02739 ¥43,700 KUA-02731 ¥60,000	
	9*H*-fluoren-9-ylmethyl (2*S*)-2-cyano-2-methyl-pyrrolidine-1-carboxylate not registered	≧95.0% ≧98.0%ee		$C_{21}H_{20}N_2O_2$ (332.40)	100 mg 1 g	KUA-02749 ¥41,400 KUA-02741 ¥67,500	
	9*H*-fluoren-9-ylmethyl (2*R*)-2-cyano-2-methyl-pyrrolidine-1-carboxylate not registered	≧95.0% ≧98.0%ee		$C_{21}H_{20}N_2O_2$ (332.40)	100 mg 1 g	KUA-02759 ¥45,000 KUA-02751 ¥67,500	
Serine (Ser) derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-2-*tert*-butoxy-1-cyano-1-methyl-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{23}H_{26}N_2O_3$ (378.46)	100 mg 1 g	KUA-02769 ¥48,300 KUA-02761 ¥127,500	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-2-*tert*-butoxy-1-cyano-1-methyl-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{23}H_{26}N_2O_3$ (378.46)	100 mg 1 g	KUA-02929 ¥45,000 KUA-02921 ¥110,500	
	9H-fluoren-9-ylmethyl N-[(1*R*)-1-benzyl-2-*tert*-butoxy-1-cyano-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{29}H_{30}N_2O_3$ (454.56)	100 mg 1 g	KUA-02939 ¥43,700 KUA-02931 ¥105,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-benzyl-2-*tert*-butoxy-1-cyano-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{29}H_{30}N_2O_3$ (454.56)	100 mg 1 g	KUA-02949 ¥43,700 KUA-02941 ¥105,000	
Tryptophan (Trp) derivatives							
	*tert*-butyl 3-[(2*S*)-2-cyano-2-(9*H*-fluoren-9-ylmethoxycarbonylamino)propyl]indole-1-carboxylate not registered	≧95.0% ≧98.0%ee		$C_{32}H_{31}N_3O_4$ (521.61)	100 mg 1 g	KUA-02779 ¥57,500 KUA-02771 ¥143,000	
	*tert*-butyl 3-[(2*R*)-2-cyano-2-(9*H*-fluoren-9-ylmethoxycarbonylamino)propyl]indole-1-carboxylate not registered	≧95.0% ≧98.0%ee		$C_{32}H_{31}N_3O_4$ (521.61)	100 mg 1 g	KUA-02789 ¥50,000 KUA-02781 ¥165,000	

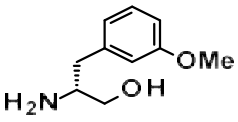
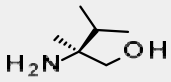
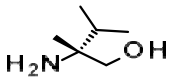
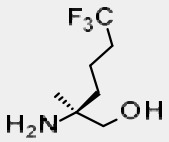
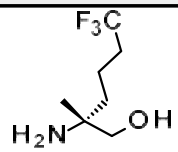
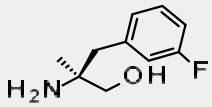
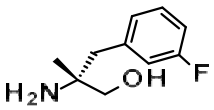
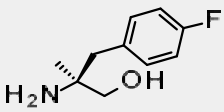
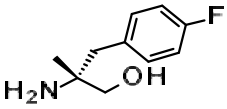
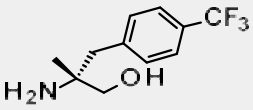
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
Tyrosine (Tyr) derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-2-(4-benzyloxyphenyl)-1-cyano-1-methyl-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{32}H_{28}N_2O_3$ (488.58)	100 mg 1 g	KUA-02799 ¥45,000 KUA-02791 ¥75,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-2-(4-hydroxyphenyl)-1-methyl-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{22}N_2O_3$ (398.45)	100 mg 1 g	KUA-02809 ¥52,900 KUA-02801 ¥93,500	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-1-methyl-2-(4-trityloxyphenyl)ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{44}H_{36}N_2O_3$ (640.77)	100 mg 1 g	KUA-02819 ¥45,000 KUA-02811 ¥120,000	
Valine (Val) derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-1,2-dimethyl-propyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{21}H_{22}N_2O_2$ (334.41)	100 mg 1 g	KUA-02829 ¥45,000 KUA-02821 ¥52,500	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-cyano-1,2-dimethyl-propyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{21}H_{22}N_2O_2$ (334.41)	100 mg 1 g	KUA-02839 ¥45,000 KUA-02831 ¥52,500	
F-Phe derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-2-(2-fluorophenyl)-1-methyl-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{21}FN_2O_2$ (400.44)	100 mg 1 g	KUA-02849 ¥43,700 KUA-02841 ¥60,000	
	9*H*-fluoren-9-ylmethyl N-[(1*R*)-1-cyano-2-(2-fluorophenyl)-1-methyl-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{21}FN_2O_2$ (400.44)	100 mg 1 g	KUA-02859 ¥43,700 KUA-02851 ¥60,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-2-(3-fluorophenyl)-1-methyl-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{21}FN_2O_2$ (400.44)	100 mg 1 g	KUA-02869 ¥43,700 KUA-02861 ¥75,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-2-(2,6-difluorophenyl)-1-methyl-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{25}H_{20}F_2N_2O_2$ (418.44)	100 mg 1 g	KUA-02879 ¥45,000 KUA-02871 ¥60,000	
4-Ph-Phe derivatives							
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-1-methyl-2-(4-phenylphenyl)ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{31}H_{26}N_2O_2$ (458.55)	100 mg 1 g	KUA-02889 ¥47,500 KUA-02881 ¥105,000	

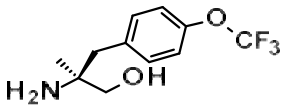
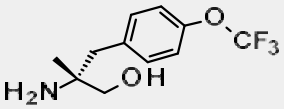
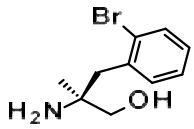
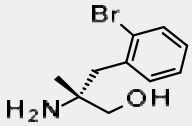
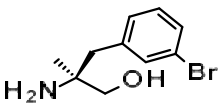
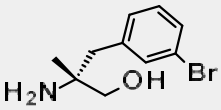
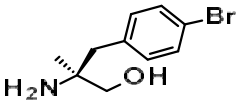
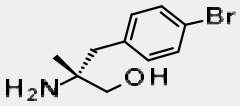
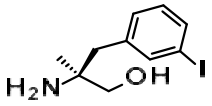
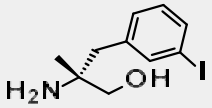
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
Glycine (Gly) derivatives							
	*tert*-butyl N-[(1*S*)-1-cyano-3-cyclopropyl-propyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{12}H_{20}N_2O_2$ (224.30)	100 mg 1 g	KUA-02899 ¥43,700 KUA-02891 ¥135,000	
	9*H*-fluoren-9-ylmethyl N-[(1*S*)-1-cyano-2-cyclobutyl-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{22}H_{22}N_2O_2$ (346.42)	100 mg 1 g	KUA-02969 ¥52,900 KUA-02961 ¥135,000	
	*tert*-butyl N-[(1*R*)-1-cyano-3-cyclopropyl-propyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{12}H_{20}N_2O_2$ (224.30)	100 mg 1 g	KUA-02979 ¥43,700 KUA-02971 ¥192,000	

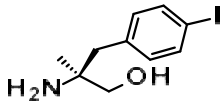
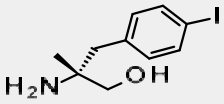
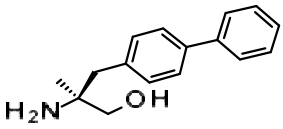
α−Aminoalcohols (on demand)

構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
Glycine (Gly) derivatives							
	*tert*-butyl N-[(1*S*)-3-cyclopropyl-1-(hydroxymethyl)propyl]carbamate 1222186-19-7	≧95.0% ≧98.0%ee		$C_{12}H_{23}NO_3$ (229.32)	100 mg 1 g	KUA-03029 ¥20,900 KUA-03021 ¥99,000	
	*tert*-butyl N-[(1*R*)-3-cyclopropyl-1-(hydroxymethyl)propyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{12}H_{23}NO_3$ (229.32)	100 mg 1 g	KUA-03039 ¥20,900 KUA-03031 ¥99,000	
Alanine (Ala) derivatives							
	(2*S*)-2-amino-2-methyl-butan-1-ol 22464-36-4	≧95.0% ≧98.0%ee		$C_5H_{13}NO$ (103.16)	100 mg 1 g	KUA-03049 ¥20,900 KUA-03041 ¥34,400	
	(2*R*)-2-amino-2-methyl-butan-1-ol 22464-37-5	≧95.0% ≧98.0%ee		$C_5H_{13}NO$ (103.16)	100 mg 1 g	KUA-03059 ¥20,900 KUA-03051 ¥34,400	
	*tert*-butyl N-[(1*S*)-1-(hydroxymethyl)-1-methyl-propyl]carbamate 252953-46-1	≧95.0% ≧98.0%ee		$C_{10}H_{21}NO_3$ (203.28)	100 mg 1 g	KUA-03069 ¥20,900 KUA-03061 ¥34,400	
	*tert*-butyl N-[(1*S*)-1-(hydroxymethyl)-1-methyl-propyl]carbamate 252953-43-8	≧95.0% ≧98.0%ee		$C_{10}H_{21}NO_3$ (203.28)	100 mg 1 g	KUA-03079 ¥20,900 KUA-03071 ¥34,400	
	*tert*-butyl N-[(1*S*)-1-(hydroxymethyl)-1-methyl-pentyl]carbamate 2004679-42-7	≧95.0% ≧98.0%ee		$C_{12}H_{25}NO_3$ (231.33)	100 mg 1 g	KUA-03089 ¥25,300 KUA-03081 ¥99,000	
Cysteine (Cys) derivatives							
	*tert*-butyl N-[(1*R*)-1-(hydroxymethyl)-1-methyl-2-tritylsulfanyl-ethyl]carbamate not registered	≧95.0% ≧98.0%ee		$C_{28}H_{33}NO_3S$ (463.63)	100 mg 1 g	KUA-03099 ¥20,900 KUA-03091 ¥66,000	
Leucine (Leu) derivatives							
	(2*S*)-2-amino-2,4-dimethyl-pentan-1-ol 1352447-28-9	≧95.0% ≧98.0%ee		$C_7H_{17}NO$ (131.22)	100 mg 1 g	KUA-03109 ¥20,900 KUA-03101 ¥34,400	
	(2*R*)-2-amino-2,4-dimethyl-pentan-1-ol 1352447-27-8	≧95.0% ≧98.0%ee		$C_7H_{17}NO$ (131.22)	100 mg 1 g	KUA-03119 ¥20,900 KUA-03111 ¥34,400	

構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
Phenylalanine (Phe) derivatives							
	(2*S*)-2-amino-2-methyl-3-phenyl-propan-1-ol 35409-82-6	≧95.0% ≧98.0%ee		$C_{10}H_{15}NO$ (165.23)	100 mg 1 g	KUA-03129 ¥20,900 KUA-03121 ¥32,500	
	(2*R*)-2-amino-2-methyl-3-phenyl-propan-1-ol 21394-38-7	≧95.0% ≧98.0%ee		$C_{10}H_{15}NO$ (165.23)	100 mg 1 g	KUA-03139 ¥20,900 KUA-03131 ¥44,000	
Proline (Pro) derivatives							
	*tert*-butyl (2*S*)-2-(hydroxymethyl)-2-methyl-pyrrolidine-1-carboxylate 1339022-10-4	≧95.0% ≧98.0%ee		$C_{11}H_{21}NO_3$ (215.29)	100 mg 1 g	KUA-03149 ¥20,900 KUA-03141 ¥33,000	
	*tert*-butyl (2*R*)-2-(hydroxymethyl)-2-methyl-pyrrolidine-1-carboxylate 1207754-99-1	≧95.0% ≧98.0%ee		$C_{11}H_{21}NO_3$ (215.29)	100 mg 1 g	KUA-03159 ¥20,900 KUA-03151 ¥33,000	
Serine (Ser) derivatives							
	(2*R*)-2-amino-2-benzyl-3-*tert*-butoxy-propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{15}H_{27}NO_2$ (253.38)	100 mg 1 g	KUA-03169 ¥19,800 KUA-03161 ¥30,000	
	(2*S*)-2-amino-2-benzyl-3-*tert*-butoxy-propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{14}H_{23}NO_2$ (237.34)	100 mg 1 g	KUA-03179 ¥19,800 KUA-03171 ¥30,000	
Tryptophan (Trp) derivatives							
	(2*S*)-2-amino-3-(1*H*-indol-3-yl)-2-methyl-propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{12}H_{16}N_2O$ (204.27)	100 mg 1 g	KUA-03189 ¥24,200 KUA-03181 ¥71,500	
	(2*R*)-2-amino-3-(1*H*-indol-3-yl)-2-methyl-propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{12}H_{16}N_2O$ (204.27)	100 mg 1 g	KUA-03199 ¥24,200 KUA-03191 ¥71,500	
Tyrosine (Tyr) derivatives							
	4-[(2*S*)-2-amino-3-hydroxy-2-methyl-propyl]phenol Not registered	≧95.0% ≧98.0%ee		$C_{10}H_{15}NO_2$ (181.23)	100 mg 1 g	KUA-03209 ¥20,900 KUA-03201 ¥27,000	
	3-[(2*R*)-2-amino-3-hydroxy-propyl]phenol 1821830-42-5	≧95.0% ≧98.0%ee		$C_9H_{13}NO_2$ (167.21)	100 mg 1 g	KUA-03219 ¥20,900 KUA-03211 ¥38,500	

構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	(2*R*)-2-amino-3-(3-methoxyphenyl)propan-1-ol 2349948-81-6	≧95.0% ≧98.0%ee		$C_{10}H_{15}NO_2$ (181.23)	100 mg 1 g	KUA-03229 ¥23,100 KUA-03221 ¥55,000	
Valine (Val) derivatives							
	(2*S*)-2-amino-2,3-dimethyl-butan-1-ol 956102-64-0	≧95.0% ≧98.0%ee		$C_6H_{15}NO$ (117.19)	100 mg 1 g	KUA-03239 ¥20,900 KUA-03231 ¥33,000	
	(2*R*)-2-amino-2,3-dimethyl-butan-1-ol 155158-75-1	≧95.0% ≧98.0%ee		$C_6H_{15}NO$ (117.19)	100 mg 1 g	KUA-03249 ¥20,900 KUA-03241 ¥33,000	
Fluorine Substituted α-amino acids derivatives							
	(2*S*)-2-amino-6,6,6-trifluoro-2-methyl-hexan-1-ol Not registered	≧95.0% ≧98.0%ee		C7H14F3NO (185.19)	100 mg 1 g	KUA-03259 ¥22,000 KUA-03251 ¥77,000	
	(2*R*)-2-amino-6,6,6-trifluoro-2-methyl-hexan-1-ol Not registered	≧95.0% ≧98.0%ee		C7H14F3NO (185.19)	100 mg 1 g	KUA-03269 ¥22,000 KUA-03261 ¥77,000	
F-Phe derivatives							
	(2*S*)-2-amino-3-(3-fluorophenyl)-2-methyl-propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{10}H_{14}FNO$ (183.22)	100 mg 1 g	KUA-03279 ¥20,900 KUA-03271 ¥38,500	
	(2*R*)-2-amino-3-(3-fluorophenyl)-2-methyl-propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{10}H_{14}FNO$ (183.22)	100 mg 1 g	KUA-03289 ¥20,900 KUA-03281 ¥38,500	
	(2*S*)-2-amino-3-(4-fluorophenyl)-2-methyl-propan-1-ol 2382631-74-3	≧95.0% ≧98.0%ee		$C_{10}H_{14}FNO$ (183.22)	100 mg 1 g	KUA-03299 ¥20,900 KUA-03291 ¥30,000	
	(2*R*)-2-amino-3-(4-fluorophenyl)-2-methyl-propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{10}H_{14}FNO$ (183.22)	100 mg 1 g	KUA-03309 ¥20,900 KUA-03301 ¥30,000	
	(2*R*)-2-amino-2-methyl-3-[4-(trifluoromethyl)phenyl]propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{11}H_{14}F_3NO$ (233.23)	100 mg 1 g	KUA-03319 ¥19,800 KUA-03311 ¥49,500	

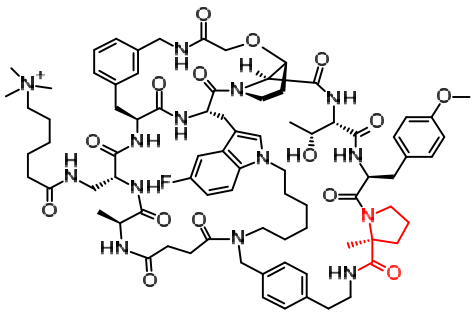
構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	(2S)-2-amino-2-methyl-3-[4-(trifluoromethoxy)phenyl]propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{11}H_{14}F_3NO$ (233.23)	100 mg 1 g	KUA-03329 ¥20,900 KUA-03321 ¥71,500	
	(2R)-2-amino-2-methyl-3-[4-(trifluoromethoxy)phenyl]propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{11}H_{14}F_3NO$ (233.23)	100 mg 1 g	KUA-03339 ¥20,900 KUA-03331 ¥71,500	
Br-Phe derivatives							
	(2*S*)-2-amino-3-(2-bromophenyl)-2-methyl-propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{10}H_{14}BrNO$ (244.13)	100 mg 1 g	KUA-03349 ¥24,200 KUA-03341 ¥55,000	
	(2*R*)-2-amino-3-(2-bromophenyl)-2-methyl-propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{10}H_{14}BrNO$ (244.13)	100 mg 1 g	KUA-03359 ¥24,200 KUA-03351 ¥55,000	
	(2*S*)-2-amino-3-(3-bromophenyl)-2-methyl-propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{10}H_{14}BrNO$ (244.13)	100 mg 1 g	KUA-03369 ¥22,000 KUA-03361 ¥47,000	
	(2*R*)-2-amino-3-(3-bromophenyl)-2-methyl-propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{10}H_{14}BrNO$ (244.13)	100 mg 1 g	KUA-03379 ¥22,000 KUA-03371 ¥47,000	
	(2*S*)-2-amino-3-(4-bromophenyl)-2-methyl-propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{10}H_{14}BrNO$ (244.13)	100 mg 1 g	KUA-03389 ¥20,900 KUA-03381 ¥49,500	
	(2*R*)-2-amino-3-(4-bromophenyl)-2-methyl-propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{10}H_{14}BrNO$ (244.13)	100 mg 1 g	KUA-03399 ¥20,900 KUA-03391 ¥49,500	
I-Phe derivatives							
	(2*S*)-2-amino-3-(3-iodophenyl)-2-methyl-propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{10}H_{14}INO$ (291.13)	100 mg 1 g	KUA-03409 ¥22,000 KUA-03401 ¥35,200	
	(2*R*)-2-amino-3-(3-iodophenyl)-2-methyl-propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{10}H_{14}INO$ (291.13)	100 mg 1 g	KUA-03419 ¥22,000 KUA-03411 ¥35,200	

構造式	化学名 CAS RN®	規格 化学純度 光学純度	保管条件	分子式 (分子量)	容量	商品コード 販売価格	コメント
	(2*S*)-2-amino-3-(4-iodophenyl)-2-methyl-propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{10}H_{14}INO$ (291.13)	100 mg 1 g	KUA-03429 ¥20,900 KUA-03421 ¥32,400	
	(2*R*)-2-amino-3-(4-iodophenyl)-2-methyl-propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{10}H_{14}INO$ (291.13)	100 mg 1 g	KUA-03439 ¥20,900 KUA-03431 ¥32,400	
4-Ph-Phe derivatives							
	(2*S*)-2-amino-2-methyl-3-(4-phenylphenyl)propan-1-ol Not registered	≧95.0% ≧98.0%ee		$C_{16}H_{19}NO$ (241.33)	100 mg 1 g	KUA-03449 ¥20,900 KUA-03441 ¥44,000	

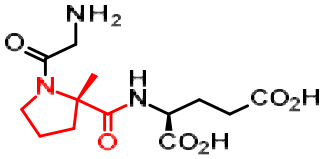
非天然型アミノ酸の応用例

医薬品及び医薬開発候補物質において、α,α-2置換アミノ酸を始めとする非天然型アミノ酸を組み込む例、ビルディングブロックとして利用される例が多数報告されています。

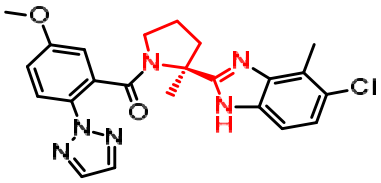
<合成中間体・ビルディングブロックとしての利用例>



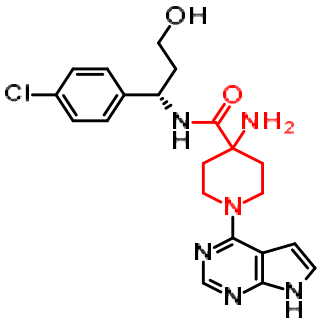
MK-0616
(PCSK9 inhibitor)
Circulation **2023,** *148*, 144–158.



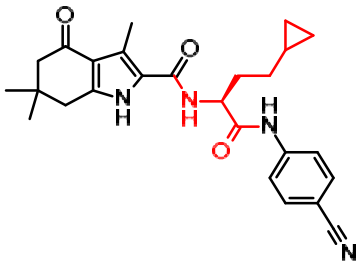
Trofinetide
(synthetic analog of IGF-1)
Neurology **2019**, *92*, 1912-1925.



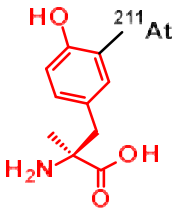
Daridorexant
(synthetic analog of IGF-1)
J. Pharmacol. Exp. Ther. **2017**, *362*, 489–503.



Capivasertib
(AKT inhibitor)
J. Med. Chem. **2013**, *56*, 2059−2073.



RK-701
(G9a inhibitor)
Nature Communications **2023**, *14*:23.



^{211}At-AAMT
(^{211}At carrier via LAT1)
Cancer Science **2021**, *112*, 1132-1140

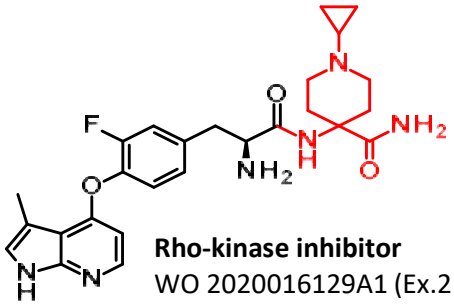
α,α-2置換アミノ酸を始めとする非天然型アミノ酸のペプチドへの導入は以下の通り期待できます。

1）主鎖側鎖部分、環状構造部分のコンフォメーション制御による薬効向上
2）代謝安定性の増加
3）物性面（脂溶性、水溶性、溶解性）の制御
4）膜透過性の向上

アミノカルボン酸アミドの応用例

医薬品及び医薬開発候補品のビルディングブロックとして、α,α-二置換アミノカルボン酸アミドを使用される例が多数報告されています。

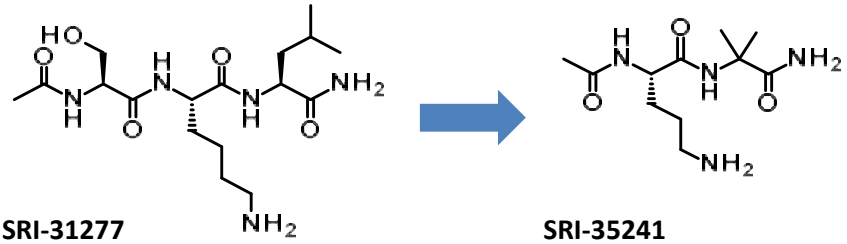
<ビルディングブロックとしての利用例>



Rho-kinase inhibitor
WO 2020016129A1 (Ex.21)

<代謝安定性改善例>

ACS Med. Chem. Lett. **2020**, *11*, 1130−1136.



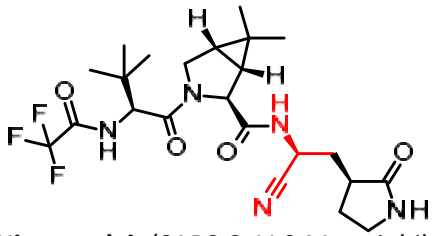
SRI-31277
$T_{1/2}$ (iv, plasma) = 0.2 h

SRI-35241
$T_{1/2}$ (iv, plasma) = 1.8 h

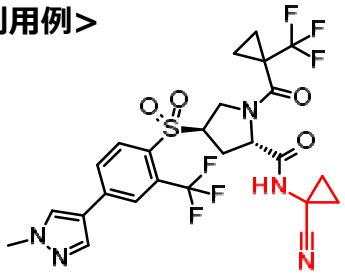
アミノニトリルの応用例

医薬品及び医薬開発候補品のビルディングブロックとして、アミノニトリルを使用される例が多数報告されています。

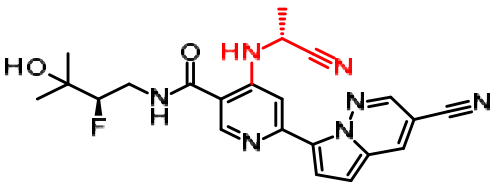
<ビルディングブロックとしてのとしての利用例>



Nirmatrelvir (SARS CoV-2 Mpro inhibitor)
J. Med. Chem. **2025**, *68*, 7003−7030.

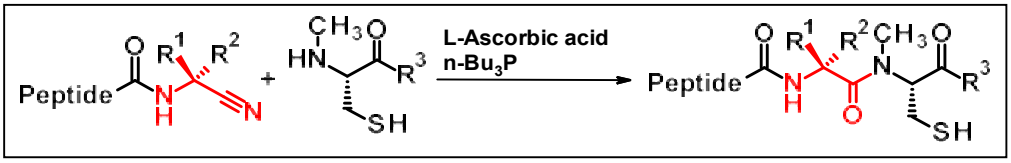


Petesicatib (Cathepsin S inhibitor)
Rheumatology, **2023**, *62*, 3644–3653.



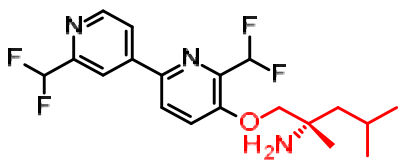
Edecesertib (IRAK4 inhibitor)
J. Med. Chem. **2025**, *68*, 10619–10630.

<ペプチド合成への応用例> *J. Am. Chem. Soc.* **2022**, *144*, 10145−10150.

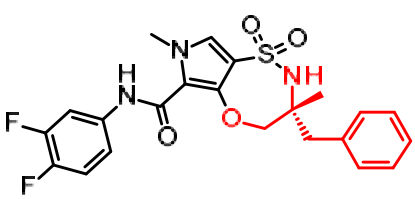


アミノアルコールの応用例

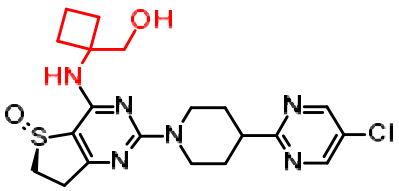
医薬品及び医薬開発候補品のビルディングブロックとして、アミノアルコールを使用される例が多数報告されています。



LX9211 (AAK1 inhibitor)
J. Med. Chem. **2022**, *65*, 4457−4480.



HBV replication inhibitor
WO 2017001655(Ex.154)



Nerandomilast
(PDE4B inhibitor)
Org. Process Res. Dev. **2024**, *28*, 3745–3751.

非天然型アミノ酸の販売に関する情報

＜価格＞

本カタログに掲載されております価格は、税別価格です。
なお、ご連絡無く価格を変更させて頂くことがあります。
カタログ記載のない数量については別途お見積させていただきますので、ご照会ください。

＜ご注文＞

ご注文は弊社に直接、あるいはお取引いただいている試薬販売会社を通じてお願い申し上げます。

＜納期＞

オンデマンド製品以外の殆どの製品については在庫をご用意しており、日本国内のお客様へはご発注後1週間以内に出荷させていただきます。なお在庫がない製品につきましては、2週間以上お待ち頂くことがございます。

＜品質＞

品質規格は暫定的なものであり、将来の品質を保証するものではございません。

＜冷蔵（冷凍）輸送＞

製品によっては、品質保持のため冷蔵 (冷凍) 輸送させていただくものがございます。当該製品につきましては受領後速やかに冷蔵 (冷凍) 保存をお願いいたします。

＜バルク量あるいはGMP下での受託製造＞

お客様のご要望に応じたバルクあるいは工業スケールでの製造技術、ノウハウ、経験を有する製造会社と連携し、バルク量あるいはGMP下での供給もご対応いたします。
お気軽にお問い合わせください。

＜受託研究、受託合成＞

本カタログに掲載されていない化合物についても受託研究、受託合成をご検討させていただきます。
ご希望の製品が製品カタログになければ、お気軽にお問い合わせください。
検討の上お見積りさせていただきます。

KISHIDA
キシダ化学株式会社

本　　社　〒540-0029　大阪市中央区本町橋 3-1
TEL（06）6946-8134　FAX（06）6946-8135

東京支店　〒135-0007　東京都江東区新大橋 2-11-8
TEL（03）5625-5591　FAX（03）5625-5592

つくば事業所　〒300-0326　茨城県稲敷郡阿見町大字星の里 13-2
TEL（029）833-6011　FAX（029）833-6012

沼津出張所　〒410-0059　静岡県沼津市若葉町 11-31-107
TEL（055）926-6711　FAX（055）926-6712

福岡営業所　〒812-0068　福岡県福岡市東区社領 2-21-6　4 号室
TEL（092）622-0422　FAX（092）621-8954

山口営業所　〒745-0006　山口県周南市花畠町 9-8 イーリスビル 1F
TEL（0834）22-3177　FAX（0834）22-2625

https://www.kishida.co.jp
shiyaku@kishida.co.jp

特約店