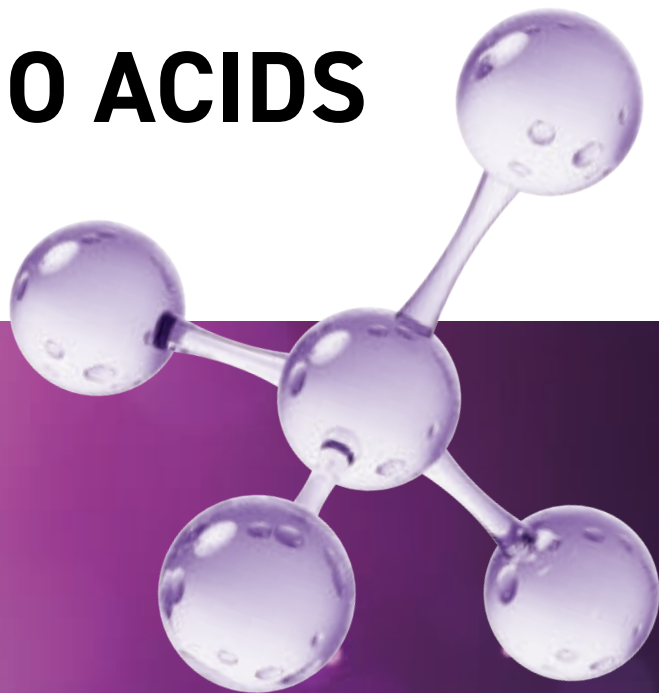


UNNATURAL AMINO ACIDS

非天然型アミノ酸カタログ [第7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
● キン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

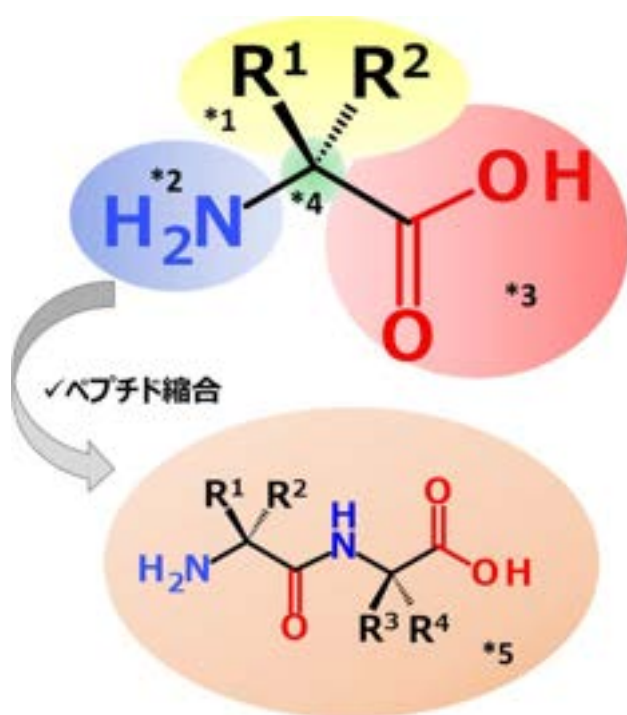
短工程、シンプルな反応、多品種合成向け

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)

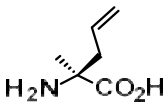
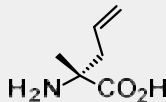
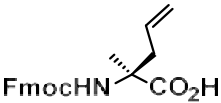
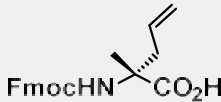
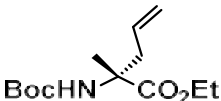
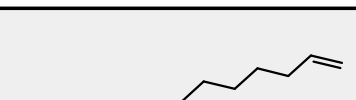
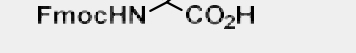
*3: エステル体での提供も可能

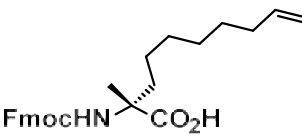
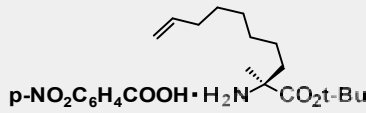
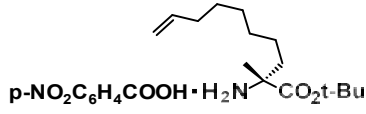
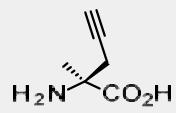
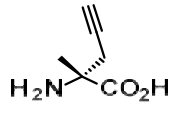
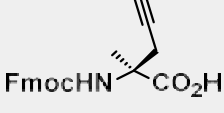
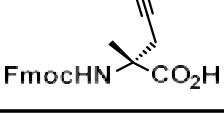
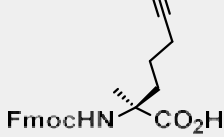
*4: 光学純度保証致します

*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	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN [®]	化学純度 光学純度				販売価格	
α-AlkenylAla							
	(S)- α -Allylalanine·H ₂ O	$\geq 98.0\%$ $\geq 98.0\%ee$	冷蔵	C ₆ H ₁₁ NO ₂ ·H ₂ O (147.17)	100 mg	KUA-00019 ¥19,000	
	96886-55-4				1 g	KUA-00011 ¥30,000	
		(R)- α -Allylalanine·H ₂ O	$\geq 98.0\%$ $\geq 98.0\%ee$	冷蔵	C ₆ H ₁₁ NO ₂ ·H ₂ O (147.17)	100 mg	
96886-56-5		1 g				KUA-00021 ¥30,000	
		(S)-N-Fmoc- α -Allylalanine	$\geq 98.0\%$ $\geq 98.0\%ee$	冷凍 	C ₂₁ H ₂₁ NO ₄ (351.40)	(NET) 100 mg	KUA-00039 ¥22,000
	288617-71-0	500 mg				KUA-00034 ¥40,000	
		(R)-N-Fmoc- α -Allylalanine	$\geq 98.0\%$ $\geq 98.0\%ee$	冷凍 	C ₂₁ H ₂₁ NO ₄ (351.40)	(NET) 1 g	KUA-00031 ¥55,000
288617-76-5		1 g				KUA-00049 ¥22,000	
		(R)-N-Boc- α -Allylalanine ethyl ester	$\geq 98.0\%$ $\geq 98.0\%ee$	冷蔵	C ₁₃ H ₂₃ NO ₄ (257.33)	(NET) 100 mg	KUA-00044 ¥40,000
	1263046-12-3	500 mg				KUA-00041 ¥55,000	
		(R)-N-Boc- α -Allylalanine ethyl ester	$\geq 98.0\%$ $\geq 98.0\%ee$	冷蔵	C ₁₃ H ₂₃ NO ₄ (257.33)	100 mg	KUA-00059 ¥20,000
1263046-12-3		1 g				KUA-00051 ¥50,000	
		(S)-N-Fmoc- α -(4-Pentenyl)alanine	$\geq 98.0\%$ $\geq 98.0\%ee$	冷蔵	C ₂₃ H ₂₅ NO ₄ (379.46)	(NET) 100 mg	KUA-00051 ¥50,000
	288617-73-2	1 g				KUA-00069 ¥20,000	
		(R)-N-Fmoc- α -(4-Pentenyl)alanine	$\geq 98.0\%$ $\geq 98.0\%ee$	冷蔵	C ₂₃ H ₂₅ NO ₄ (379.46)	(NET) 1 g	KUA-00061 ¥45,000
288617-77-6		5 g				KUA-00065 ¥150,000	
		(S)- α -(4-Pentenyl)alanine <i>tert</i> -butyl ester <i>p</i> -Nitrobenzoate	$\geq 98.0\%$ $\geq 98.0\%ee$	冷蔵	C ₁₂ H ₂₃ NO ₂ · C ₇ H ₅ NO ₄ (380.44)	(NET) 100 mg	KUA-00079 ¥20,000
	1323987-70-7	1 g				KUA-00071 ¥45,000	
		(R)- α -(4-Pentenyl)alanine <i>tert</i> -butyl ester <i>p</i> -Nitrobenzoate	$\geq 98.0\%$ $\geq 98.0\%ee$	冷蔵	C ₁₂ H ₂₃ NO ₂ · C ₇ H ₅ NO ₄ (380.44)	(NET) 5 g	KUA-00075 ¥150,000
1323987-77-6		1 g				KUA-00089 ¥18,000	
		(S)- α -(4-Pentenyl)alanine <i>tert</i> -butyl ester <i>p</i> -Nitrobenzoate	$\geq 98.0\%$ $\geq 98.0\%ee$	冷蔵	C ₁₂ H ₂₃ NO ₂ · C ₇ H ₅ NO ₄ (380.44)	100 mg	KUA-00081 ¥28,000
	1323987-70-7	1 g				KUA-00085 ¥112,000	
		(R)- α -(4-Pentenyl)alanine <i>tert</i> -butyl ester <i>p</i> -Nitrobenzoate	$\geq 98.0\%$ $\geq 98.0\%ee$	冷蔵	C ₁₂ H ₂₃ NO ₂ · C ₇ H ₅ NO ₄ (380.44)	1 g	KUA-00099 ¥18,000
1323987-68-3		5 g				KUA-00091 ¥28,000	
		(S)-N-Fmoc- α -(7-Octenyl)alanine	$\geq 98.0\%$ $\geq 98.0\%ee$	冷蔵	C ₂₆ H ₃₁ NO ₄ (421.54)	(NET) 100 mg	KUA-00095 ¥112,000
	288617-75-4	(NET) 500 mg				KUA-00109 ¥19,000	
		(S)-N-Fmoc- α -(7-Octenyl)alanine	$\geq 98.0\%$ $\geq 98.0\%ee$	冷蔵	C ₂₆ H ₃₁ NO ₄ (421.54)	(NET) 1 g	KUA-00104 ¥40,000
288617-75-4		(NET) 5 g				KUA-00101 ¥55,000	
		(S)-N-Fmoc- α -(7-Octenyl)alanine	$\geq 98.0\%$ $\geq 98.0\%ee$	冷蔵	C ₂₆ H ₃₁ NO ₄ (421.54)	(NET) 1 g	KUA-00105 ¥160,000
	288617-75-4	(NET) 5 g				KUA-00105 ¥160,000	

構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
	(R)-N-Fmoc-α-(7-Octenyl)alanine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₆ H ₃₁ NO ₄ (421.54)	(NET) 100 mg	KUA-00119 ¥19,000	Containing 10-40% Methyl tert-butyl ether
					(NET) 500 mg	KUA-00112 ¥40,000	
					(NET) 1 g	KUA-00111 ¥55,000	
					(NET) 5 g	KUA-00115 ¥160,000	
	945212-26-0						
	(S)-α-(7-Octenyl)alanine tert-butyl ester p-Nitrobenzoate	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₅ H ₂₉ NO ₂ · C ₇ H ₅ NO ₄ (422.52)	100 mg	KUA-00129 ¥18,000	
					1 g	KUA-00121 ¥50,000	
					5 g	KUA-00125 ¥120,000	
	1375908-92-1						
	(R)-α-(7-Octenyl)alanine tert-butyl ester p-Nitrobenzoate	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₅ H ₂₉ NO ₂ · C ₇ H ₅ NO ₄ (422.52)	100 mg	KUA-00139 ¥18,000	
					1 g	KUA-00131 ¥50,000	
					5 g	KUA-00135 ¥120,000	
	1375904-22-5						
α-AlkynylAla							
	(S)-α-Propargylalanine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₆ H ₉ NO ₂ (127.14)	100 mg	KUA-00149 ¥19,000	
					1 g	KUA-00141 ¥25,000	
	1231709-27-5						
	(R)-α-Propargylalanine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₆ H ₉ NO ₂ (127.14)	100 mg	KUA-00159 ¥19,000	
					1 g	KUA-00151 ¥25,000	
	403519-98-2						
	(S)-N-Fmoc-α-Propargylalanine	≥ 98.0% ≥ 98.0%ee	冷凍	C ₂₁ H ₁₉ NO ₄ (349.39)	(NET) 100 mg	KUA-00169 ¥20,000	Containing 20-50% Methyl tert-butyl ether
					(NET) 1 g	KUA-00161 ¥45,000	
	1198791-58-0						
	(R)-N-Fmoc-α-Propargylalanine	≥ 98.0% ≥ 98.0%ee	冷凍	C ₂₁ H ₁₉ NO ₄ (349.39)	(NET) 100 mg	KUA-00179 ¥20,000	Containing 20-50% Methyl tert-butyl ether
					(NET) 1 g	KUA-00171 ¥45,000	
	1198791-65-9						
	(S)-N-Fmoc-α-(4-Pentynyl)alanine	≥ 98.0% ≥ 98.0%ee	冷凍	C ₂₃ H ₂₃ NO ₄ (377.44)	(NET) 100 mg	KUA-00189 ¥21,000	Containing 20-50% Methyl tert-butyl ether
					(NET) 500 mg	KUA-00184 ¥43,000	
					(NET) 1 g	KUA-00181 ¥60,000	
					(NET) 5 g	KUA-00185 ¥180,000	
	1050501-65-9						
	(R)-N-Fmoc-α-(4-Pentynyl)alanine	≥ 98.0% ≥ 98.0%ee	冷凍	C ₂₃ H ₂₃ NO ₄ (377.44)	(NET) 100 mg	KUA-00199 ¥21,000	Containing 20-50% Methyl tert-butyl ether
					(NET) 500 mg	KUA-00194 ¥43,000	
					(NET) 1 g	KUA-00191 ¥60,000	
					(NET) 5 g	KUA-00195 ¥180,000	
	1198791-56-8						
	(R)-N-Fmoc-α-(5-Hexynyl)alanine	≥ 98.0% ≥ 98.0%ee	冷凍	C ₂₄ H ₂₅ NO ₄ (391.47)	(NET) 100 mg	KUA-00209 ¥21,000	Containing 5-40% Methyl tert-butyl ether
					(NET) 250 mg	KUA-00207 ¥44,000	
					(NET) 1 g	KUA-00201 ¥85,000	
					(NET) 5 g	KUA-00205 ¥275,000	
	1198791-69-3						

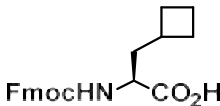
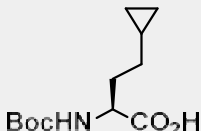
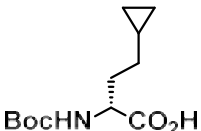
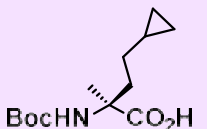
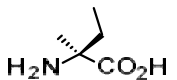
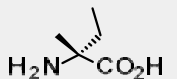
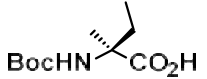
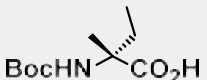
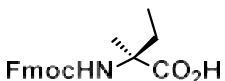
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
α-AlkenylGly							
	(S)-α-Allylglycine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₅ H ₉ NO ₂ (115.13)	100 mg	KUA-00219 ¥18,000	
	16338-48-0				5 g	KUA-00215 ¥45,000	
	(R)-α-Allylglycine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₅ H ₉ NO ₂ (115.13)	100 mg	KUA-00229 ¥18,000	
	54594-06-8				5 g	KUA-00225 ¥45,000	
	(R)-N-Acetyl-α-Allylglycine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₇ H ₁₁ NO ₃ (157.17)	100 mg	KUA-00239 ¥20,000	
	121786-40-1				1 g	KUA-00231 ¥45,000	
	(S)-N-Boc-α-Allylglycine Dicyclohexylamine salt	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₀ H ₁₇ NO ₄ · C ₁₂ H ₂₃ N (396.57)	100 mg	KUA-00249 ¥18,000	
	143979-15-1				25 g	KUA-00242 ¥70,000	
					100 g	KUA-00243 ¥225,000	
	(S)-α-Allylglycine ethyl ester <i>p</i> -Toluenesulfonate	≥ 97.0% ≥ 98.0%ee	冷蔵	C ₇ H ₁₃ NO ₂ · C ₇ H ₈ O ₃ S (315.39)	100 mg	KUA-00259 ¥18,000	
	1231709-21-9				5 g	KUA-00255 ¥28,600	
					25 g	KUA-00252 ¥70,000	
					100 g	KUA-00253 ¥225,000	
	(R)-α-Allylglycine ethyl ester <i>p</i> -Toluenesulfonate	≥ 97.0% ≥ 98.0%ee	冷蔵	C ₇ H ₁₃ NO ₂ · C ₇ H ₈ O ₃ S (315.39)	100 mg	KUA-00269 ¥18,000	
	1432914-51-6				5 g	KUA-00265 ¥28,600	
					25 g	KUA-00262 ¥70,000	
					100 g	KUA-00263 ¥225,000	
α-AlkynylGly							
	(S)-α-Propargylglycine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₅ H ₇ NO ₂ (113.12)	100 mg	KUA-00279 ¥19,000	
	23235-01-0				1 g	KUA-00271 ¥22,500	
	(R)-α-Propargylglycine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₅ H ₇ NO ₂ (113.12)	100 mg	KUA-00289 ¥19,000	
	23235-03-2				1 g	KUA-00281 ¥22,500	
α,α-DialkenylGly							
	N-Fmoc-α,α-Bis (4-pentenyl)glycine	≥ 98.0% —	冷蔵	C ₂₇ H ₃₁ NO ₄ (433.55)	100 mg	KUA-00299 ¥19,000	
	1068435-19-7				500 mg	KUA-00294 ¥43,000	
					1 g	KUA-00291 ¥60,000	

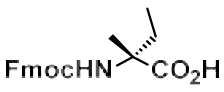
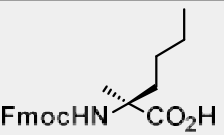
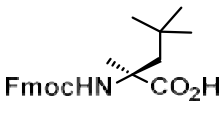
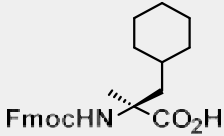
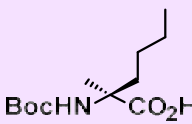
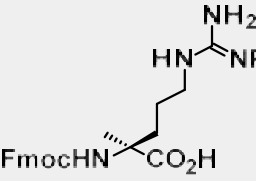
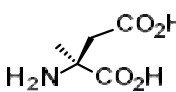
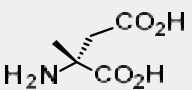
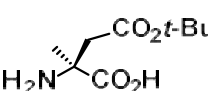
Stapled peptide合成への応用

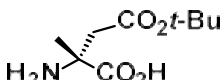
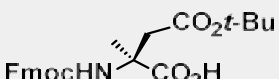
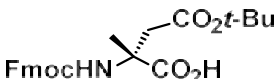
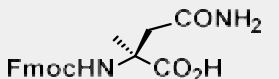
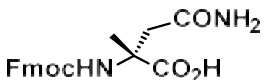
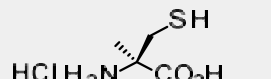
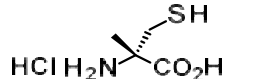
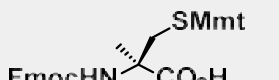
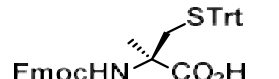
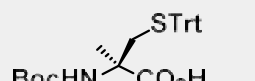


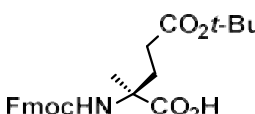
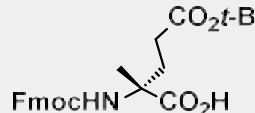
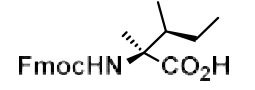
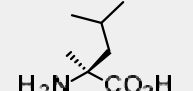
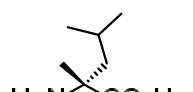
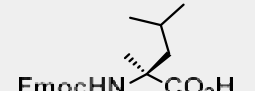
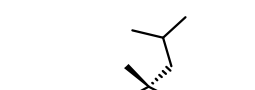
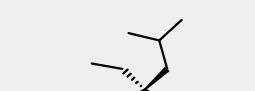
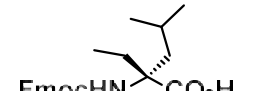
Reactive Amino Acidsはα位に末端アルケニル基、もしくは末端アルキニル基が導入されています。アルケニル基部分で分子内オレフィンメタセシス化反応、もしくはアルキニル基とアジド化合物の分子内1,2,3-トリアゾール環化反応などを施すことにより、環状化合物や架橋化合物の合成が達成できます。他にも上記の分子間反応を行うことで、様々な官能基の導入が期待されます。

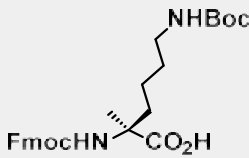
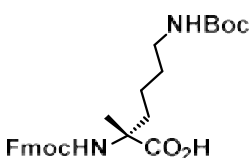
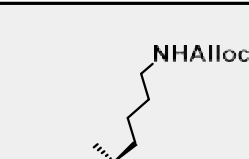
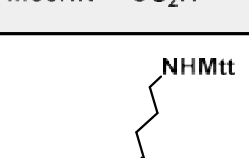
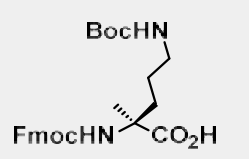
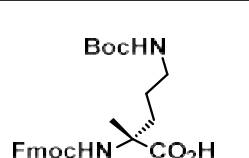
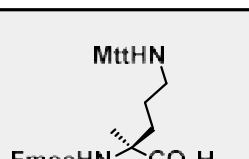
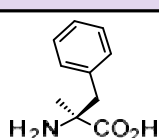
α-Substituted Glycine or Alanine Derivatives

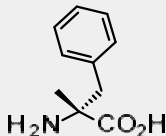
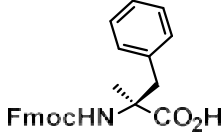
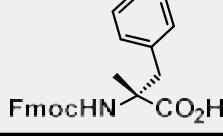
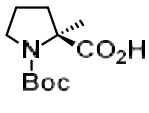
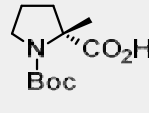
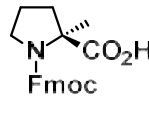
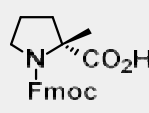
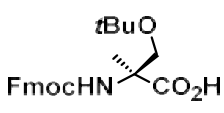
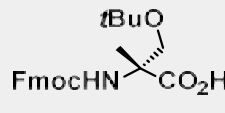
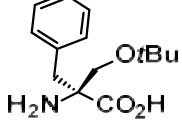
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
Glycine (Gly)							
	(S)-N-Fmoc-α-Cyclobutylmethylglycine 478183-62-9	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₂ H ₂₃ NO ₄ (365.42)	100 mg	KUA-01509 ¥23,000	
					250 mg	KUA-01507 ¥40,000	
					500 mg	KUA-01504 ¥55,000	
					1 g	KUA-01501 ¥90,000	
	(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	KUA-01289 ¥19,000	Containing 20-50% Methyl tert-butyl ether
					(NET) 250 mg	KUA-01287 ¥40,000	
					(NET) 500 mg	KUA-01282 ¥55,000	
					(NET) 1 g	KUA-01281 ¥90,000	
	(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	KUA-01659 ¥19,000	Containing 20-50% Methyl tert-butyl ether
					(NET) 250 mg	KUA-01657 ¥40,000	
					(NET) 500 mg	KUA-01654 ¥55,000	
					(NET) 1 g	KUA-01651 ¥90,000	
Alanine (Ala)							
	(2S)-2-(tert-butoxycarbonylamino)-4-cyclopropyl-2-methylbutanoic acid 1334828-97-5	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₃ H ₂₃ NO ₄ (257.33)	(NET) 100 mg	KUA-01679 ¥23,000	New! Containing 20-50% Methyl tert-butyl ether
					(NET) 500 mg	KUA-01674 ¥55,000	
					(NET) 1 g	KUA-01671 ¥90,000	
	(S)-α-Ethylalanine·H ₂ O 595-40-4	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₅ H ₁₁ NO ₂ ·H ₂ O (135.16)	100 mg	KUA-00309 ¥19,000	
					1 g	KUA-00301 ¥31,200	
					5 g	KUA-00305 ¥75,000	
	(R)-α-Ethylalanine·H ₂ O 3059-97-0	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₅ H ₁₁ NO ₂ ·H ₂ O (135.16)	100 mg	KUA-00319 ¥19,000	
					1 g	KUA-00311 ¥31,200	
					5 g	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	KUA-00329 ¥19,000	
					1 g	KUA-00321 ¥31,200	
					5 g	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	KUA-00339 ¥19,000	
					1 g	KUA-00331 ¥31,200	
					5 g	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	KUA-00349 ¥18,000	
					500 mg	KUA-00344 ¥30,000	
					1 g	KUA-00341 ¥40,000	
					5 g	KUA-00345 ¥140,000	

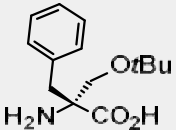
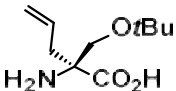
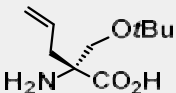
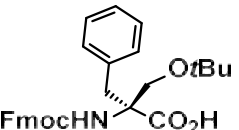
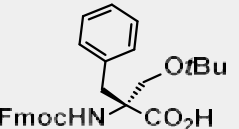
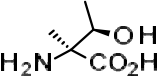
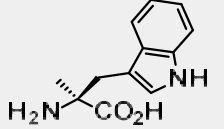
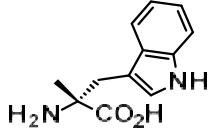
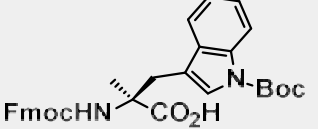
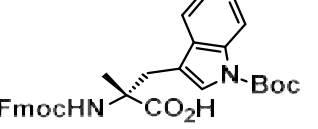
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
	(R)-N-Fmoc-α-Ethyl-L-alanine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₀ H ₂₁ NO ₄ (339.39)	100 mg	KUA-00359 ¥18,000	
					500 mg	KUA-00354 ¥30,000	
					1 g	KUA-00351 ¥40,000	
					5 g	KUA-00355 ¥140,000	
	1231709-22-0						
	(S)-N-Fmoc-α-Methyl-L-norleucine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₂ H ₂₅ NO ₄ (367.45)	100 mg	KUA-00369 ¥20,000	
					500 mg	KUA-00364 ¥40,000	
					1 g	KUA-00361 ¥60,000	
	2226710-38-7						
	(S)-N-Fmoc-α-Methyl-β-tert-butyl-L-alanine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₃ H ₂₇ NO ₄ (381.47)	100 mg	KUA-00379 ¥32,000	
					500 mg	KUA-00374 ¥95,000	
					1 g	KUA-00371 ¥180,000	
	1934266-56-4						
	(S)-N-Fmoc-α-Methylcyclohexyl-L-alanine	≥ 98.0% ≥ 98.0%ee	冷凍	C ₂₅ H ₂₉ NO ₄ (407.51)	100 mg	KUA-00389 ¥18,000	
					500 mg	KUA-00384 ¥40,000	
					1 g	KUA-00381 ¥60,000	
	1934266-55-3						
	(S)-N-Boc-α-Methyl-L-norleucine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₂ H ₂₃ NO ₄ (245.32)	(NET) 100 mg	KUA-01669 ¥23,000	 Containing 20-50% Methyl tert-butyl ether
					(NET) 500 mg	KUA-01664 ¥55,000	
					(NET) 1 g	KUA-01661 ¥90,000	
	2004679-38-1						
α-Methyl or α-Ethyl Derivatives of Natural Amino Acids							
Arginine (Arg)							
	(S)-N _α -Fmoc-N _ω -Pbf-α-Methyl-L-arginine	≥ 98.0% ≥ 98.0%ee	冷凍	C ₃₅ H ₄₂ N ₄ O ₇ S (662.80)	100 mg	KUA-00399 ¥22,000	
					250 mg	KUA-00397 ¥40,000	
					500 mg	KUA-00394 ¥60,000	
					1 g	KUA-00391 ¥90,000	
	2124196-74-1						
Aspartic acid (Asp)							
	(S)-α-Methylaspartic acid	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₅ H ₉ NO ₄ (147.13)	100 mg	KUA-00409 ¥20,000	
					1 g	KUA-00401 ¥36,000	
	3227-17-6						
	(R)-α-Methylaspartic acid	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₅ H ₉ NO ₄ (147.13)	100 mg	KUA-00419 ¥20,000	
					1 g	KUA-00411 ¥36,000	
	14603-76-0						
	(S)-α-Methylaspartic acid 4-tert-butyl ester	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₉ H ₁₇ NO ₄ (203.24)	100 mg	KUA-00429 ¥19,000	
					1 g	KUA-00421 ¥30,000	
					5 g	KUA-00425 ¥90,000	
	1217977-71-3						

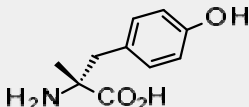
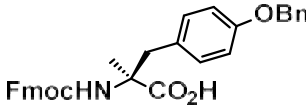
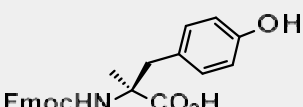
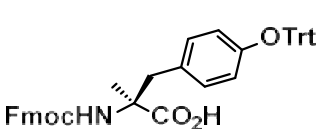
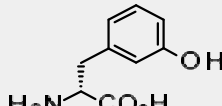
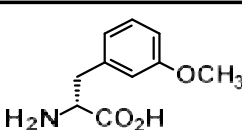
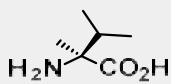
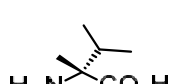
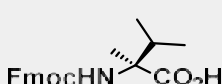
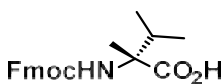
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
	(R)-α-Methylaspartic acid -4-tert-butyl ester	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₉ H ₁₇ NO ₄ (203.24)	100 mg	KUA-00439 ¥19,000	
					1 g	KUA-00431 ¥30,000	
					5 g	KUA-00435 ¥90,000	
	1231709-25-3						
	(S)-N-Fmoc-α-Methylaspartic acid -4-tert-butyl ester	≥ 98.0% ≥ 98.0%ee	冷凍 	C ₂₄ H ₂₇ NO ₆ (425.48)	(NET) 100 mg	KUA-00449 ¥19,000	Containing ≤10% Methyl tert- butyl ether
					(NET) 1 g	KUA-00441 ¥35,000	
					(NET) 5 g	KUA-00445 ¥120,000	
	1072845-47-6						
	(R)-N-Fmoc-α-Methylaspartic acid -4-tert-butyl ester	≥ 98.0% ≥ 98.0%ee	冷凍 	C ₂₄ H ₂₇ NO ₆ (425.48)	(NET) 100 mg	KUA-00459 ¥19,000	Containing ≤10% Methyl tert- butyl ether
					(NET) 1 g	KUA-00451 ¥35,000	
					(NET) 5 g	KUA-00455 ¥120,000	
	1231709-26-4						
Asparagine (Asn)							
	(S)-N-Fmoc-α-Methylasparagine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₀ H ₂₀ N ₂ O ₅ (368.39)	100 mg	KUA-00469 ¥20,000	
					500 mg	KUA-00464 ¥35,000	
					1 g	KUA-00461 ¥50,000	
					5 g	KUA-00465 ¥200,000	
	1403590-49-7						
	(R)-N-Fmoc-α-Methylasparagine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₀ H ₂₀ N ₂ O ₅ (368.39)	100 mg	KUA-00479 ¥20,000	
					500 mg	KUA-00474 ¥35,000	
					1 g	KUA-00471 ¥50,000	
					5 g	KUA-00475 ¥200,000	
	1403590-50-0						
Cysteine (Cys)							
	(R)-L-α-Methylcysteine· HCl	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₄ H ₉ NO ₂ S·HCl (171.65)	100 mg	KUA-00489 ¥18,000	
					1 g	KUA-00481 ¥35,000	
					5 g	KUA-00485 ¥140,000	
	148766-37-4						
	(S)-D-α-Methylcysteine· HCl	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₄ H ₉ NO ₂ S·HCl (171.65)	100 mg	KUA-00493 ¥30,000	
					1 g	KUA-00491 ¥120,000	
	151062-55-4						
	(R)-L-N-Fmoc-S-Mmt- α-Methylcysteine	≥ 98.0% ≥ 98.0%ee	冷凍 	C ₃₉ H ₃₅ NO ₅ S (629.77)	100 mg	KUA-00509 ¥20,000	
					500 mg	KUA-00504 ¥40,000	
					1 g	KUA-00501 ¥60,000	
	1198791-74-0						
	(R)-L-N-Fmoc-S-Trt- α-Methylcysteine	≥ 98.0% ≥ 98.0%ee	冷凍 	C ₃₈ H ₃₃ NO ₄ S (599.74)	100 mg	KUA-01349 ¥19,000	
					500 mg	KUA-01344 ¥40,000	
					1 g	KUA-01341 ¥60,000	
	725728-43-8						
	(R)-L-N-Boc-S-Trt- α-Methylcysteine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₈ H ₃₁ NO ₄ S (477.61)	100 mg	KUA-01359 ¥19,000	
					500 mg	KUA-01354 ¥40,000	
					1 g	KUA-01351 ¥60,000	
	2226710-42-3						

構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
Glutamic acid (Glu)							
	(S)-N-Fmoc- α-Methylglutamic acid- 5-tert-butyl ester	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₅ H ₂₉ NO ₆ (439.51)	100 mg	KUA-00539 ¥21,000	
					250 mg	KUA-00537 ¥40,000	
					500 mg	KUA-00534 ¥60,000	
					1 g	KUA-00531 ¥90,000	
	1072845-48-7						
	(R)-N-Fmoc- α-Methylglutamic acid- 5-tert-butyl ester	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₅ H ₂₉ NO ₆ (439.51)	100 mg	KUA-01499 ¥19,000	
					250 mg	KUA-01497 ¥40,000	
					500 mg	KUA-01494 ¥60,000	
					1 g	KUA-01491 ¥90,000	
	1072845-50-1						
Isoleucine (Ile)							
	(2S,3S)-N-Fmoc- α-Methylisoleucine	≥ 98.0% ≥ 98.0%ee	冷凍 	C ₂₂ H ₂₅ NO ₄ (367.45)	100 mg	KUA-00549 ¥18,000	
					500 mg	KUA-00544 ¥45,000	
	2124196-75-2					1 g	KUA-00541 ¥60,000
Leucine (Leu)							
	(S)-α-Methylleucine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₇ H ₁₅ NO ₂ (145.20)	100 mg	KUA-00559 ¥19,000	
					1 g	KUA-00551 ¥31,200	
	105743-53-1						
	(R)-α-Methylleucine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₇ H ₁₅ NO ₂ (145.20)	100 mg	KUA-00569 ¥19,000	
					1 g	KUA-00561 ¥31,200	
	29589-03-5						
	(S)-N-Fmoc-α- Methylleucine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₂ H ₂₅ NO ₄ (367.45)	100 mg	KUA-00579 ¥21,000	
					500 mg	KUA-00574 ¥40,000	
	312624-65-0					1 g	KUA-00571 ¥60,000
	(R)-N-Fmoc-α- Methylleucine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₂ H ₂₅ NO ₄ (367.45)	100 mg	KUA-00589 ¥21,000	
					500 mg	KUA-00584 ¥40,000	
	1231709-23-1					1 g	KUA-00581 ¥60,000
	(S)-N-Fmoc-α- Ethylleucine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₃ H ₂₇ NO ₄ (381.47)	100 mg	KUA-00599 ¥19,000	
					250 mg	KUA-00597 ¥36,000	
	1934266-50-8					1 g	KUA-00591 ¥80,000
	(R)-N-Fmoc-α- Ethylleucine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₃ H ₂₇ NO ₄ (381.47)	100 mg	KUA-00609 ¥19,000	
					250 mg	KUA-00607 ¥36,000	
	1934266-51-9					1 g	KUA-00601 ¥80,000

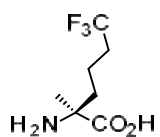
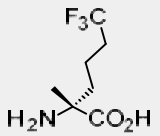
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
Lysine (Lys)							
	(S)-N _α -Fmoc-N _ω -Boc-α-Methyllysine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₇ H ₃₄ N ₂ O ₆ (482.58)	100 mg	KUA-00619 ¥20,000	
					500 mg	KUA-00614 ¥40,000	
					1 g	KUA-00611 ¥60,000	
					5 g	KUA-00615 ¥200,000	
	1202003-49-3						
	(R)-N _α -Fmoc-N _ω -Boc-α-Methyllysine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₇ H ₃₄ N ₂ O ₆ (482.58)	100 mg	KUA-00629 ¥20,000	
					500 mg	KUA-00624 ¥40,000	
					1 g	KUA-00621 ¥60,000	
					5 g	KUA-00625 ¥200,000	
	1315449-94-5						
	(S)-N _α -Fmoc-N _ω -Alloc-α-Methyllysine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₆ H ₃₀ N ₂ O ₆ (466.53)	100 mg	KUA-00639 ¥21,000	
					250 mg	KUA-00637 ¥48,000	
					500 mg	KUA-00634 ¥80,000	
					1 g	KUA-00631 ¥120,000	
	1934266-47-3						
	(S)-N _α -Fmoc-N _ω -Mtt-α-Methyllysine	≥ 98.0% ≥ 98.0%ee	冷凍 	C ₄₂ H ₄₂ N ₂ O ₄ (638.81)	100 mg	KUA-00649 ¥18,000	
					250 mg	KUA-00647 ¥36,000	
					500 mg	KUA-00644 ¥53,000	
					1 g	KUA-00641 ¥80,000	
	1953153-27-9						
Ornithine (Orn)							
	(S)-N _α -Fmoc-N _δ -Boc-α-Methylornithine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₆ H ₃₂ N ₂ O ₆ (468.55)	100 mg	KUA-00659 ¥20,000	
					500 mg	KUA-00654 ¥40,000	
					1 g	KUA-00651 ¥60,000	
					5 g	KUA-00655 ¥180,000	
	1315449-95-6						
	(R)-N _α -Fmoc-N _δ -Boc-α-Methylornithine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₆ H ₃₂ N ₂ O ₆ (468.55)	100 mg	KUA-00669 ¥20,000	
					500 mg	KUA-00664 ¥40,000	
					1 g	KUA-00661 ¥60,000	
					5 g	KUA-00665 ¥180,000	
	171860-40-5						
	(S)-N _α -Fmoc-N _δ -Mtt-α-Methylornithine	≥ 98.0% ≥ 98.0%ee	冷凍 	C ₄₁ H ₄₀ N ₂ O ₄ (624.78)	100 mg	KUA-00679 ¥22,000	
					250 mg	KUA-00677 ¥37,000	
					500 mg	KUA-00674 ¥55,000	
					1 g	KUA-00671 ¥80,000	
	1934266-52-0						
Phenylalanine (Phe)							
	(S)-α-Methylphenylalanine ·H ₂ O	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₀ H ₁₃ NO ₂ ·H ₂ O (197.23)	100 mg	KUA-00689 ¥19,000	
					1 g	KUA-00681 ¥25,000	
					5 g	KUA-00685 ¥80,000	
	23239-35-2						

構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
	(R)-α-Methylphenylalanine·H ₂ O	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₀ H ₁₃ NO ₂ ·H ₂ O (197.23)	100 mg	KUA-00699 ¥19,000	
					1 g	KUA-00691 ¥40,000	
					5 g	KUA-00695 ¥120,000	
	17350-84-4						
	(S)-N-Fmoc-α-Methylphenylalanine·3/2H ₂ O	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₅ H ₂₃ NO ₄ ·3/2H ₂ O (428.48)	100 mg	KUA-00709 ¥19,000	
					1 g	KUA-00701 ¥25,000	
					5 g	KUA-00705 ¥80,000	
	135944-05-7						
	(R)-N-Fmoc-α-Methylphenylalanine·3/2H ₂ O	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₅ H ₂₃ NO ₄ ·3/2H ₂ O (428.48)	100 mg	KUA-00719 ¥19,000	
					1 g	KUA-00711 ¥40,000	
					5 g	KUA-00715 ¥120,000	
	152436-04-9						
Proline (Pro)							
	(S)-N-Boc-α-Methylproline	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₁ H ₁₉ NO ₄ (229.28)	100 mg	KUA-00729 ¥19,000	
					1 g	KUA-00721 ¥30,000	
					5 g	KUA-00725 ¥95,000	
	103336-06-7						
	(R)-N-Boc-α-Methylproline	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₁ H ₁₉ NO ₄ (229.28)	100 mg	KUA-00739 ¥19,000	
					1 g	KUA-00731 ¥30,000	
					5 g	KUA-00735 ¥95,000	
	166170-15-6						
	(S)-N-Fmoc-α-Methylproline	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₁ H ₂₁ NO ₄ (351.40)	100 mg	KUA-00749 ¥18,000	
					500 mg	KUA-00744 ¥30,000	
					1 g	KUA-00741 ¥45,000	
					5 g	KUA-00745 ¥120,000	
	(R)-N-Fmoc-α-Methylproline	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₁ H ₂₁ NO ₄ (351.40)	100 mg	KUA-00759 ¥18,000	
					500 mg	KUA-00754 ¥30,000	
					1 g	KUA-00751 ¥45,000	
					5 g	KUA-00755 ¥120,000	
Serine (Ser)							
	(S)-N-Fmoc-O-tert-Butyl-α-Methylserine	≥ 98.0% ≥ 98.0%ee	冷凍❄️	C ₂₃ H ₂₇ NO ₅ (397.47)	100 mg	KUA-00769 ¥21,000	
					500 mg	KUA-00764 ¥50,000	
					1 g	KUA-00761 ¥85,000	
	914399-98-7						
	(R)-N-Fmoc-O-tert-Butyl-α-Methylserine	≥ 98.0% ≥ 98.0%ee	冷凍❄️	C ₂₃ H ₂₇ NO ₅ (397.47)	100 mg	KUA-01369 ¥18,000	
					500 mg	KUA-01364 ¥50,000	
					1 g	KUA-01361 ¥85,000	
	914399-96-5						
	(S)-O-tert-Butyl-α-Benzylserine	≥ 98.0% ≥ 98.0%ee	冷凍❄️	C ₁₄ H ₂₁ NO ₃ (251.33)	100 mg	KUA-01389 ¥18,000	
					1 g	KUA-01381 ¥25,000	
	Not Registered						

構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
	(R)-O-tert-Butyl-α-Benzylserine	≥ 98.0% ≥ 98.0%ee	冷凍 	C ₁₄ H ₂₁ NO ₃ (251.33)	100 mg	KUA-01379 ¥18,000	
	Not Registered	1 g			KUA-01371 ¥25,000		
	(S)-O-tert-Butyl-α-Allylserine	≥ 98.0% ≥ 98.0%ee	冷凍 	C ₁₀ H ₁₉ NO ₃ (201.27)	100 mg	KUA-01399 ¥19,000	
	Not Registered	500 mg			KUA-01394 ¥48,000		
					1 g	KUA-01391 ¥70,000	
	(R)-O-tert-Butyl-α-Allylserine	≥ 98.0% ≥ 98.0%ee	冷凍 	C ₁₀ H ₁₉ NO ₃ (201.27)	100 mg	KUA-01409 ¥19,000	
	Not Registered	500 mg			KUA-01404 ¥48,000		
					1 g	KUA-01401 ¥70,000	
	(S)-N-Fmoc-O-tert-Butyl-α-Benzylserine	≥ 98.0% ≥ 98.0%ee	冷凍 	C ₂₉ H ₃₁ NO ₅ (473.56)	100 mg	KUA-01419 ¥19,000	
	Not Registered	500 mg			KUA-01414 ¥48,000		
					1 g	KUA-01411 ¥70,000	
	(R)-N-Fmoc-O-tert-Butyl-α-Benzylserine	≥ 98.0% ≥ 98.0%ee	冷凍 	C ₂₉ H ₃₁ NO ₅ (473.56)	100 mg	KUA-01429 ¥19,000	
	914399-97-6	500 mg			KUA-01424 ¥48,000		
					1 g	KUA-01421 ¥70,000	
Threonine (Thr)							
	(2S,3R)-α-Methylthreonine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₅ H ₁₁ NO ₃ (133.15)	100 mg	KUA-00779 ¥19,000	
	127126-06-1	500 mg			KUA-00774 ¥40,000		
					1 g	KUA-00771 ¥60,000	
Tryptophan (Trp)							
	(S)-α-Methyltryptophan·1/2H ₂ O	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₂ H ₁₄ N ₂ O ₂ ·1/2H ₂ O (227.26)	100 mg	KUA-00789 ¥22,000	
	16709-25-4	500 mg			KUA-00784 ¥43,000		
					1 g	KUA-00781 ¥65,000	
	(R)-α-Methyltryptophan·1/2H ₂ O	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₂ H ₁₄ N ₂ O ₂ ·1/2H ₂ O (227.26)	100 mg	KUA-00799 ¥22,000	
	56452-52-9	500 mg			KUA-00794 ¥43,000		
					1 g	KUA-00791 ¥65,000	
	(S)-N-Fmoc-N'-Boc-α-Methyltryptophan	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₃₂ H ₃₂ N ₂ O ₆ (540.62)	(NET) 100 mg	KUA-00809 ¥25,000	Containing 5% <i>n</i> -Heptane
	1315449-98-9	(NET) 200 mg			KUA-00804 ¥48,000		
					(NET) 1 g	KUA-00801 ¥110,000	
	(R)-N-Fmoc-N'-Boc-α-Methyltryptophan	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₃₂ H ₃₂ N ₂ O ₆ (540.62)	(NET) 100 mg	KUA-00819 ¥25,000	Containing 5% <i>n</i> -Heptane
	220155-72-6	(NET) 200 mg			KUA-00814 ¥48,000		
					(NET) 1 g	KUA-00811 ¥110,000	

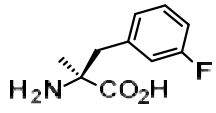
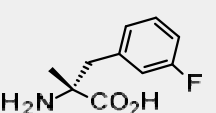
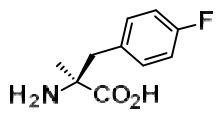
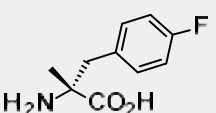
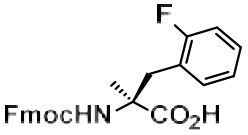
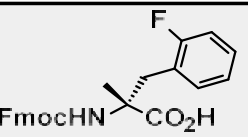
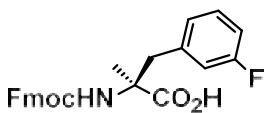
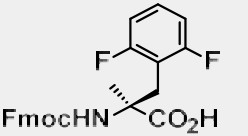
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
Tyrosine (Tyr)							
	(R)-α-Methyl-4-hydroxyphenylalanine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₀ H ₁₃ NO ₃ (195.22)	100 mg	KUA-00829 ¥19,000	(別名) (R)-α-Methyl tyrosine
	672-86-6	1 g			KUA-00821 ¥22,500		
	(S)-N-Fmoc-α-Methyl-4-benzyloxyphenylalanine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₃₂ H ₂₉ NO ₅ (507.59)	100 mg	KUA-00839 ¥18,000	(別名) (S)-N-Fmoc -O-Benzyl-α- Methyltyrosine
	1283766-46-0	500 mg			KUA-00834 ¥35,000		
		1 g			KUA-00831 ¥50,000		
	(S)-N-Fmoc-α-Methyl-4-hydroxyphenylalanine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₅ H ₂₃ NO ₅ (417.46)	100 mg	KUA-00849 ¥23,000	(別名) (S)-N-Fmoc -α-Methyl tyrosine
	246539-83-3	500 mg			KUA-00844 ¥40,000		
		1 g			KUA-00841 ¥55,000		
	(S)-N-Fmoc-α-Methyl-4-triphenylmethoxy phenylalanine	≥ 98.0% ≥ 98.0%ee	冷凍 	C ₄₄ H ₃₇ NO ₅ (659.78)	100 mg	KUA-00859 ¥18,000	(別名) (S)-N-Fmoc-O- Trityl-α-Methyl tyrosine
	1934266-53-1	250 mg			KUA-00857 ¥32,000		
		500 mg			KUA-00854 ¥53,000		
		1 g			KUA-00851 ¥80,000		
	(R)-3-Hydroxyphenylalanine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₉ H ₁₁ NO ₃ (181.19)	100 mg	KUA-00869 ¥19,000	(別名) (R)- <i>m</i> -Tyrosine
	32140-49-1	1 g			KUA-00861 ¥35,000		
	(R)-3-Methoxyphenylalanine·H ₂ O	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₀ H ₁₃ NO ₃ ·H ₂ O (213.23)	100 mg	KUA-00879 ¥21,000	(別名) (R)-O-Methyl- <i>m</i> -tyrosine·H ₂ O
	145306-65-6	1 g			KUA-00871 ¥50,000		
Valine (Val)							
	(S)-α-Methylvaline	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₆ H ₁₃ NO ₂ (131.18)	100 mg	KUA-00889 ¥19,000	
	53940-83-3	1 g			KUA-00881 ¥30,000		
	(R)-α-Methylvaline	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₆ H ₁₃ NO ₂ (131.18)	100 mg	KUA-00899 ¥19,000	
	53940-82-2	1 g			KUA-00891 ¥30,000		
	(S)-N-Fmoc-α-Methylvaline	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₁ H ₂₃ NO ₄ (353.42)	(NET) 100 mg	KUA-00909 ¥18,000	Containing ≤10% Methyl <i>tert</i> - butyl ether
	169566-81-8	1 g			KUA-00901 ¥35,000		
	(R)-N-Fmoc-α-Methylvaline	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₂₁ H ₂₃ NO ₄ (353.42)	(NET) 100 mg	KUA-00919 ¥18,000	Containing ≤10% Methyl <i>tert</i> - butyl ether
	616867-28-8	1 g			KUA-00911 ¥35,000		

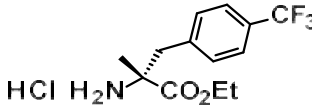
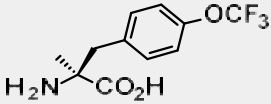
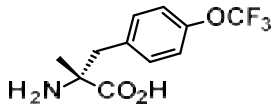
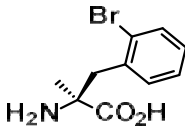
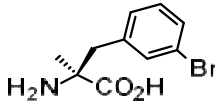
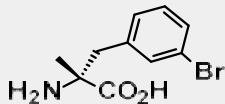
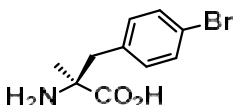
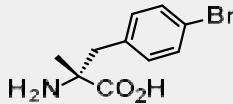
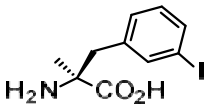
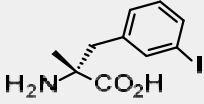
Fluorine Substituted Alkyl Amino Acids

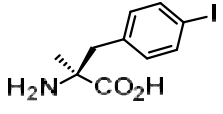
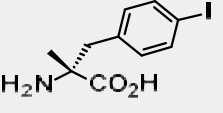
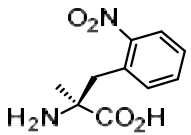
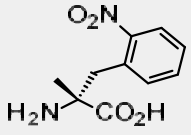
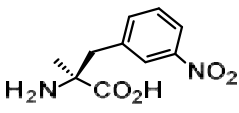
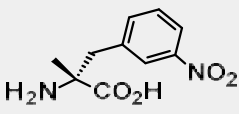
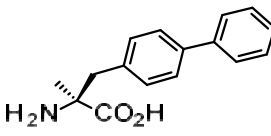
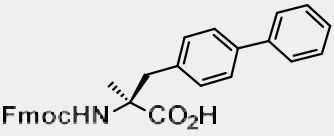
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
	(S)-6,6,6-Trifluoro-α-methylnorleucine 1262390-40-8	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₇ H ₁₂ F ₃ NO ₂ (199.17)	100 mg	KUA-01519 ¥20,000	
					500 mg	KUA-01514 ¥50,000	
					1 g	KUA-01511 ¥70,000	
	(R)-6,6,6-Trifluoro-α-methylnorleucine 1263077-91-3	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₇ H ₁₂ F ₃ NO ₂ (199.17)	100 mg	KUA-01529 ¥20,000	
					500 mg	KUA-01524 ¥50,000	
					1 g	KUA-01521 ¥70,000	

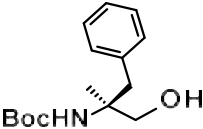
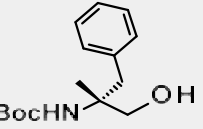
α-Methyl Substituted Phenylalanines

F-Phe

	(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	KUA-00929 ¥19,000	
					1 g	KUA-00921 ¥35,000	
					5 g	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	KUA-00939 ¥19,000	
					1 g	KUA-00931 ¥35,000	
					5 g	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	KUA-00949 ¥19,000	
					1 g	KUA-00941 ¥25,000	
					5 g	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	KUA-00959 ¥19,000	
					1 g	KUA-00951 ¥25,000	
					5 g	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	KUA-00969 ¥19,000	
					1 g	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	KUA-00979 ¥19,000	
					1 g	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	KUA-00989 ¥19,000	
					1 g	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 ₂ NO ₄ (437.44)	100 mg	KUA-00999 ¥18,000	
					1 g	KUA-00991 ¥30,000	

構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
	(R)-α-Methyl-4-trifluoromethyl phenylalanine ethyl ester·HCl·H ₂ O	≥ 98.0% ≥ 98.0% <i>ee</i>	冷蔵	C ₁₃ H ₁₆ F ₃ NO ₂ ·HCl·H ₂ O (329.75)	100 mg	KUA-01009 ¥18,000	
	1315449-99-0				1 g	KUA-01001 ¥45,000	
	(S)-α-Methyl-4-trifluoromethoxy phenylalanine	≥ 98.0% ≥ 98.0% <i>ee</i>	冷蔵	C ₁₁ H ₁₂ F ₃ NO ₃ (263.22)	100 mg	KUA-01019 ¥19,000	
	1269926-90-0				500 mg	KUA-01014 ¥43,000	
					1 g	KUA-01011 ¥65,000	
					5 g	KUA-01015 ¥250,000	
	(R)-α-Methyl-4-trifluoromethoxy phenylalanine	≥ 98.0% ≥ 98.0% <i>ee</i>	冷蔵	C ₁₁ H ₁₂ F ₃ NO ₃ (263.22)	100 mg	KUA-01029 ¥19,000	
	1269835-58-6				500 mg	KUA-01024 ¥43,000	
					1 g	KUA-01021 ¥65,000	
					5 g	KUA-01025 ¥250,000	
Br-Phe							
	(S)-α-Methyl-2-bromophenylalanine·H ₂ O	≥ 98.0% ≥ 98.0% <i>ee</i>	冷蔵	C ₁₀ H ₁₂ BrNO ₂ ·H ₂ O (276.13)	100 mg	KUA-01039 ¥22,000	
	1212180-27-2				1 g	KUA-01031 ¥50,000	
	(R)-α-Methyl-2-bromophenylalanine·H ₂ O	≥ 98.0% ≥ 98.0% <i>ee</i>	冷蔵	C ₁₀ H ₁₂ BrNO ₂ ·H ₂ O (276.13)	100 mg	KUA-01049 ¥22,000	
	1212307-90-8				1 g	KUA-01041 ¥50,000	
	(S)-α-Methyl-3-bromophenylalanine·H ₂ O	≥ 98.0% ≥ 98.0% <i>ee</i>	冷蔵	C ₁₀ H ₁₂ BrNO ₂ ·H ₂ O (276.13)	100 mg	KUA-01059 ¥20,000	
	1212117-73-1				1 g	KUA-01051 ¥42,700	
	(R)-α-Methyl-3-bromophenylalanine·H ₂ O	≥ 98.0% ≥ 98.0% <i>ee</i>	冷蔵	C ₁₀ H ₁₂ BrNO ₂ ·H ₂ O (276.13)	100 mg	KUA-01069 ¥20,000	
	1212321-90-8				1 g	KUA-01061 ¥42,700	
	(S)-α-Methyl-4-bromophenylalanine	≥ 98.0% ≥ 98.0% <i>ee</i>	冷蔵	C ₁₀ H ₁₂ BrNO ₂ (258.12)	100 mg	KUA-01079 ¥19,000	
	747397-27-9				1 g	KUA-01071 ¥45,000	
	(R)-α-Methyl-4-bromophenylalanine·H ₂ O	≥ 98.0% ≥ 98.0% <i>ee</i>	冷蔵	C ₁₀ H ₁₂ BrNO ₂ ·H ₂ O (276.13)	100 mg	KUA-01089 ¥19,000	
	752971-41-8				1 g	KUA-01081 ¥45,000	
I-Phe							
	(S)-α-Methyl-3-iodophenylalanine·H ₂ O	≥ 98.0% ≥ 98.0% <i>ee</i>	冷蔵	C ₁₀ H ₁₂ I NO ₂ ·H ₂ O (323.13)	100 mg	KUA-01099 20,000円	
	457653-01-9				1 g	KUA-01091 32,000円	
	(R)-α-Methyl-3-iodophenylalanine·H ₂ O	≥ 98.0% ≥ 98.0% <i>ee</i>	冷蔵	C ₁₀ H ₁₂ I NO ₂ ·H ₂ O (323.13)	100 mg	KUA-01109 20,000円	
	457652-83-4				1 g	KUA-01101 32,000円	

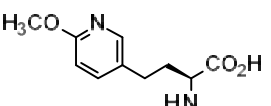
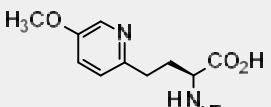
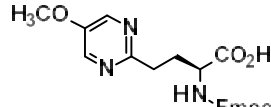
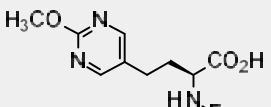
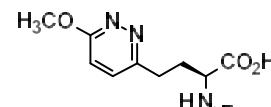
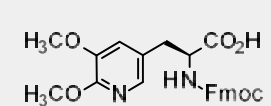
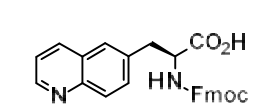
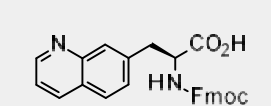
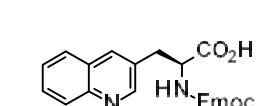
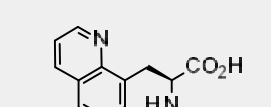
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
	(S)-α-Methyl-4-iodophenylalanine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₀ H ₁₂ INO ₂ (305.11)	100 mg	KUA-01119 ¥19,000	
	1215092-16-2				1 g	KUA-01111 ¥27,000	
		(R)-α-Methyl-4-iodophenylalanine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₀ H ₁₂ INO ₂ (305.11)	100 mg	
1241679-14-0		1 g				KUA-01121 ¥27,000	
NO ₂ -Phe							
	(S)-α-Methyl-2-nitrophenylalanine·H ₂ O	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₀ H ₁₂ N ₂ O ₄ ·H ₂ O (242.23)	100 mg	KUA-01199 ¥20,000	
	1241680-71-6				1 g	KUA-01191 ¥35,000	
		(R)-α-Methyl-2-nitrophenylalanine·H ₂ O	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₀ H ₁₂ N ₂ O ₄ ·H ₂ O (242.23)	100 mg	
1241680-73-8		1 g				KUA-01201 ¥35,000	
		(S)-α-Methyl-3-nitrophenylalanine·H ₂ O	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₀ H ₁₂ N ₂ O ₄ ·H ₂ O (242.23)	100 mg	KUA-01219 ¥19,000
	1215092-14-0	1 g				KUA-01211 ¥33,300	
		(R)-α-Methyl-3-nitrophenylalanine·H ₂ O	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₀ H ₁₂ N ₂ O ₄ ·H ₂ O (242.23)	100 mg	KUA-01229 ¥19,000
1215092-13-9		1 g				KUA-01221 ¥33,300	
4-Ph-Phe							
	(S)-α-Methyl-β-(4-biphenyl)alanine·H ₂ O	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₁₆ H ₁₇ NO ₂ ·H ₂ O (273.33)	100 mg	KUA-01179 ¥19,000	
	1231709-24-2				1 g	KUA-01171 ¥40,000	
		(S)-N-Fmoc-α-Methyl-β-(4-biphenyl)alanine	≥ 98.0% ≥ 98.0%ee	冷蔵	C ₃₁ H ₂₇ NO ₄ (477.55)	100 mg	
2226710-41-2		500 mg				KUA-01184 ¥47,000	
						1 g	KUA-01181 ¥70,000

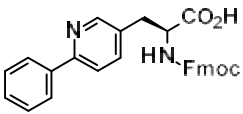
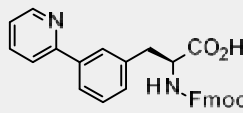
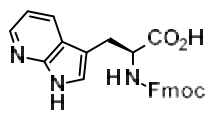
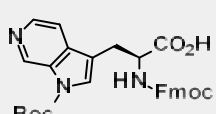
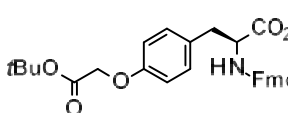
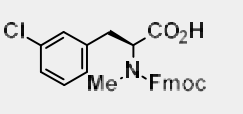
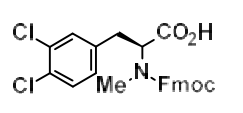
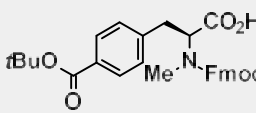
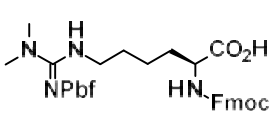
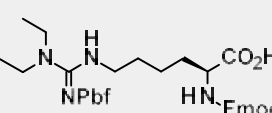
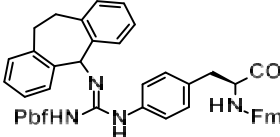
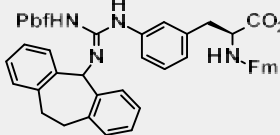
Amino Alcohols							
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
	<i>tert</i> -Butyl N-[(2 <i>S</i>)-2-benzyl-1-hydroxypropan-2-yl]carbamate 1320273-42-4	$\geq 98.0\%$ $\geq 98.0\%ee$	冷蔵	$C_{15}H_{23}NO_3$ (265.35)	100 mg	KUA-01549	
						¥19,000	
					1 g	KUA-01541	
						¥45,000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



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

構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
	(S)-N-Fmoc-β-(6-phenylpyridin-3-yl)alanine 2717598-89-3	≥ 95.0% ≥ 95.0%ee	冷凍 	C ₂₉ H ₂₄ N ₂ O ₄ (464.51)	100 mg	KUP-10169 ¥37,000	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
					250 mg	KUP-10167 ¥46,000	
					1 g	KUP-10161 ¥105,000	
	(S)-N-Fmoc-3-(pyridin-2-yl)phenylalanine 2680607-36-5	≥ 95.0% ≥ 98.0%ee	冷凍 	C ₂₉ H ₂₄ N ₂ O ₄ (464.51)	100 mg	KUP-10219 ¥37,000	同上
					250 mg	KUP-10217 ¥46,000	
					1 g	KUP-10211 ¥105,000	
	(S)-N-Fmoc-β-(7-azaindol-3-yl)alanine 737007-45-3	≥ 95.0% ≥ 98.0%ee	冷凍 	C ₂₅ H ₂₁ N ₃ O ₄ (427.45)	100 mg	KUP-10129 ¥38,000	Trp 等価体 物性改善に効果的
					250 mg	KUP-10127 ¥56,000	
					1 g	KUP-10121 ¥135,000	
	(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 ₃ O ₆ (527.57)	100 mg	KUP-10719 ¥37,000	同上
					250 mg	KUP-10717 ¥54,000	
					1 g	KUP-10711 ¥135,000	
	(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	KUP-10439 ¥28,000	Phe 等価体 物性改善に効果的
					250 mg	KUP-10437 ¥32,000	
					1 g	KUP-10431 ¥58,000	
	(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	KUP-10489 ¥29,000	同上
					250 mg	KUP-10487 ¥37,000	
					1 g	KUP-10481 ¥88,000	
	(S)-N-Fmoc-N-methyl-3,4-dichlorophenylalanine Not Registered	≥ 95.0% ≥ 98.0%ee	冷凍 	C ₂₅ H ₂₁ Cl ₂ NO ₄ (470.34)	100 mg	KUP-10519 ¥29,000	同上
					250 mg	KUP-10517 ¥37,000	
					1 g	KUP-10511 ¥88,000	
	(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	KUP-10559 ¥30,000	同上
					250 mg	KUP-10557 ¥40,000	
					1 g	KUP-10551 ¥98,000	
	(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 ₄ O ₇ S (690.85)	100 mg	KUP-10109 ¥40,000	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
					250 mg	KUP-10107 ¥57,000	
					1 g	KUP-10101 ¥140,000	
	(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 ₄ O ₇ S (718.90)	100 mg	KUP-10119 ¥40,000	同上
					250 mg	KUP-10117 ¥57,000	
					1 g	KUP-10111 ¥140,000	
	(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 ₄ O ₇ S (889.07)	100 mg	KUP-10289 ¥40,000	同上
					250 mg	KUP-10287 ¥57,000	
					1 g	KUP-10281 ¥140,000	
	(S)-N-Fmoc-3- {[(Pbf)amino](dibenzosuber-5-ylamino)methylene} aminophenylalanine Not Registered	≥ 95.0% ≥ 98.0%ee	冷凍 	C ₅₃ H ₅₂ N ₄ O ₇ S (889.07)	100 mg	KUP-10299 ¥40,000	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
					250 mg	KUP-10297 ¥57,000	
					1 g	KUP-10291 ¥140,000	

構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
	(S)-N _α -Fmoc-N _ω -[[1-(<i>tert</i> -butoxycarbonylmethyl)pyrrolidine-4-yl]carbonyl]lysine 2680607-34-3	≥ 95.0% ≥ 98.0%ee	冷凍 	C ₃₂ H ₄₂ N ₄ O ₇ (594.70)	100 mg	KUP-10069 ¥34,000	脱tert-Bu体の Twitter形成による 溶解度の劇的な改善 に期待
					250 mg	KUP-10067 ¥50,000	
					1 g	KUP-10061 ¥120,000	
	(S)-N _α -Fmoc-N _α -methyl-N _ω -[[4-(<i>tert</i> -butoxycarbonylmethyl)pyrrolidine-1-yl]carbonyl]lysine Not Registered	≥ 95.0% ≥ 98.0%ee	冷凍 	C ₃₃ H ₄₄ N ₄ O ₇ (608.73)	100 mg	KUP-10729 ¥37,000	同上
					250 mg	KUP-10727 ¥54,000	
					1 g	KUP-10721 ¥135,000	
	(S)-N _α -Fmoc-N _ω -[[1-(<i>tert</i> -butoxycarbonylmethyl)pyrrolidine-4-yl]carbonyl]lysine 2680607-38-7	≥ 95.0% ≥ 98.0%ee	冷凍 	C ₃₃ H ₄₃ N ₃ O ₇ (593.71)	100 mg	KUP-10079 ¥34,000	同上
					250 mg	KUP-10077 ¥50,000	
					1 g	KUP-10071 ¥120,000	
	(S)-N-Fmoc-β-[1-(<i>tert</i> -butoxycarbonylmethyl)pyrrolidine-4-yl]alanine 2680607-35-4	≥ 95.0% ≥ 98.0%ee	冷凍 	C ₂₉ H ₃₆ N ₂ O ₆ (508.61)	100 mg	KUP-10369 ¥40,000	同上
					250 mg	KUP-10367 ¥57,000	
					1 g	KUP-10361 ¥140,000	
	1-(<i>tert</i> -Butoxycarbonylmethyl)-4-(Fmoc-amino)piperidine-4-carboxylic acid 2680614-81-5	≥ 95.0% -	冷凍 	C ₂₇ H ₃₂ N ₂ O ₆ (480.55)	100 mg	KUP-10379 ¥40,000	同上
					250 mg	KUP-10377 ¥57,000	
					1 g	KUP-10371 ¥140,000	
	N-Fmoc-N-(5- <i>tert</i> -butoxycarbonylpentan-1-yl)glycine 185426-32-8	≥ 95.0% -	冷凍 	C ₂₇ H ₃₃ NO ₆ (467.55)	100 mg	KUP-10329 ¥28,000	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
					250 mg	KUP-10327 ¥32,000	
					1 g	KUP-10321 ¥78,000	
	N-Fmoc-N-(3- <i>tert</i> -butoxycarbonylpropan-1-yl)glycine 174799-90-7	≥ 95.0% -	冷凍 	C ₂₅ H ₂₉ NO ₆ (439.50)	100 mg	KUP-10339 ¥28,000	同上
					250 mg	KUP-10337 ¥32,000	
					1 g	KUP-10331 ¥78,000	
	N-Fmoc-N-(2-cyclohexylethyl)glycine 2680615-14-7	≥ 95.0% -	冷凍 	C ₂₅ H ₂₉ NO ₄ (407.50)	100 mg	KUP-10319 ¥30,000	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
					250 mg	KUP-10317 ¥40,000	
					1 g	KUP-10311 ¥98,000	
	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	KUP-10349 ¥29,000	同上
					250 mg	KUP-10347 ¥34,000	
					1 g	KUP-10341 ¥58,000	
	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	KUP-10359 ¥37,000	同上
					250 mg	KUP-10357 ¥46,000	
					1 g	KUP-10351 ¥94,000	

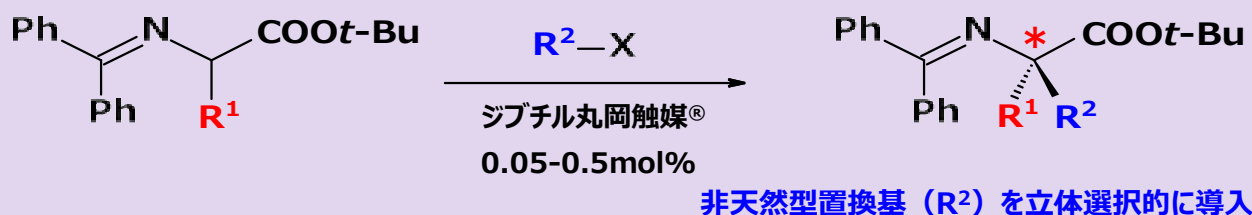
略語一覧

略語	化合物名
Alloc	Allyloxycarbonyl
Bn	Benzyl
Boc	<i>tert</i> -Butoxycarbonyl
<i>t</i> -Bu	<i>tert</i> -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

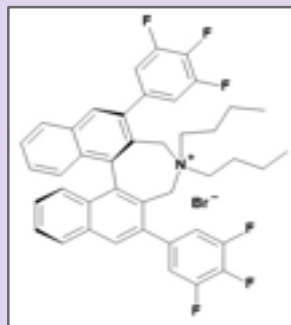
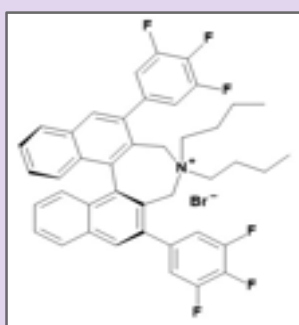
丸岡触媒®販売のお知らせ

～ 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 ～



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。

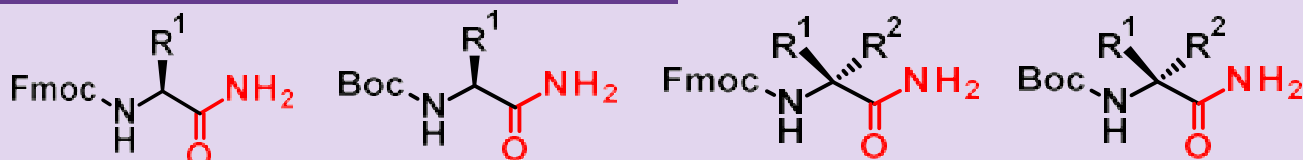
#試験研究用途以外の丸岡触媒®のご使用は弊社保有特許に抵触の恐れがございますので、必ず弊社宛にご連絡をお願いします。

非天然型アミノ酸誘導体のオンデマンド販売

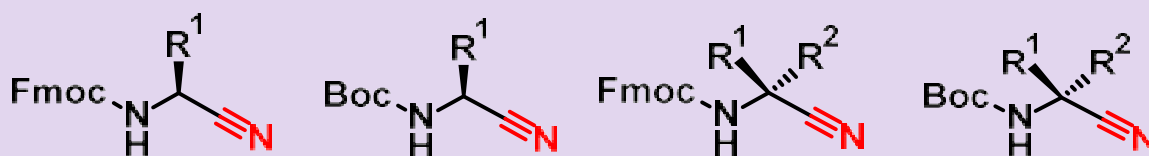
キシダオリジナルな非天然アミノ酸から誘導化したキラルなビルディングブロックをご提供致します*¹。

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。

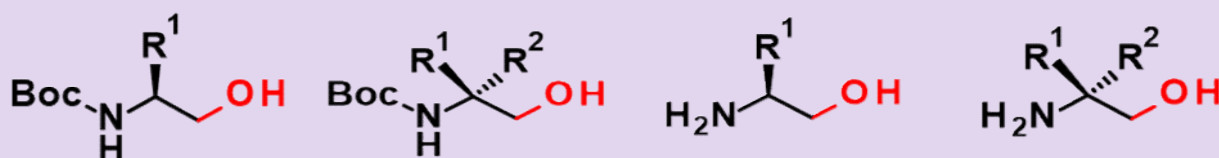
1) アミノカルボン酸アミド化合物



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。

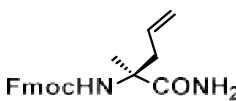
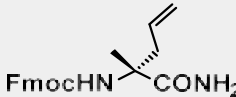
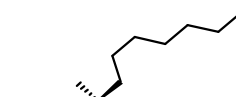
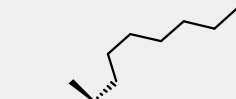
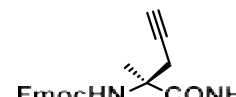
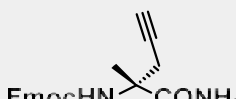
すべて>98%eeのアミノ酸誘導体から誘導します。光学純度は原料となるアミノ酸の光学純度を基に記載しています。光学純度を決定する場合には別途期間と費用が必要になります。

*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。

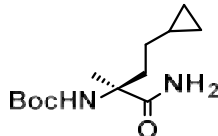
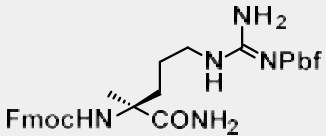
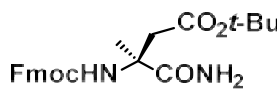
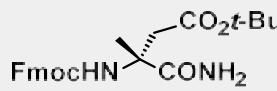
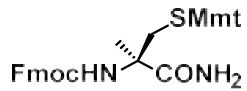
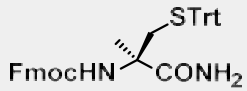
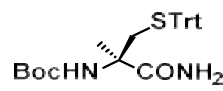
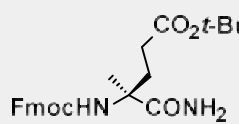
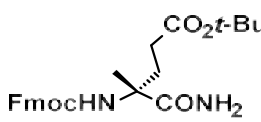
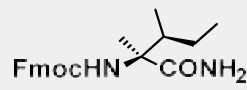
複数同時のご購入の場合は別途お時間が必要になります。

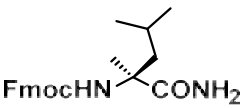
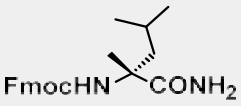
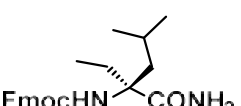
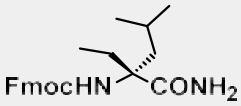
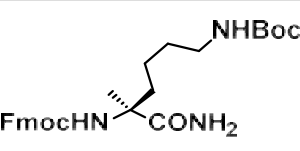
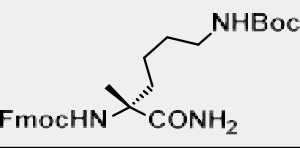
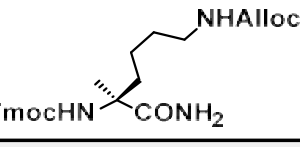
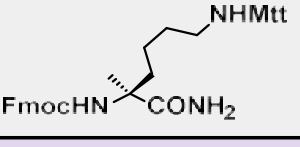
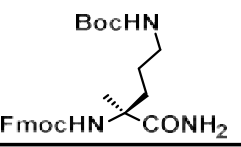
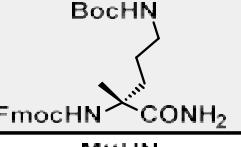
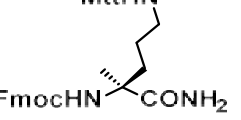
随時拡大中ですので、記載のない商品もご提供可能な場合がございます。
お問い合わせください。

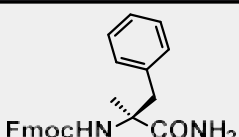
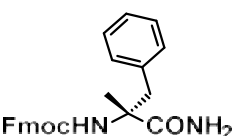
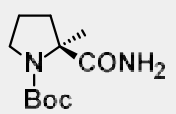
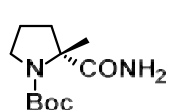
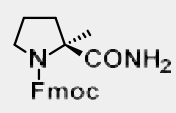
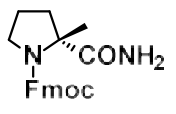
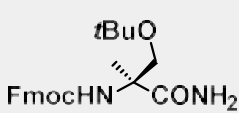
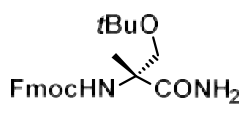
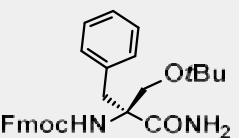
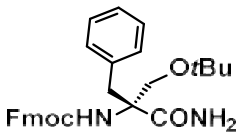
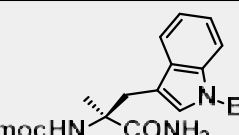
α-Amino carboxamides (on demand)

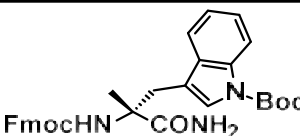
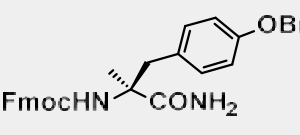
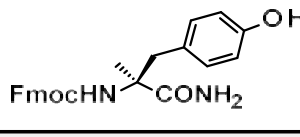
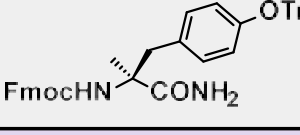
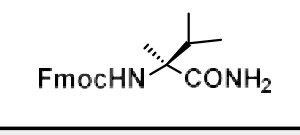
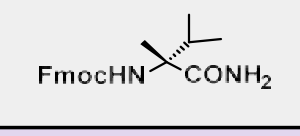
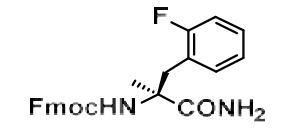
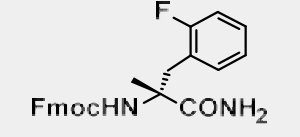
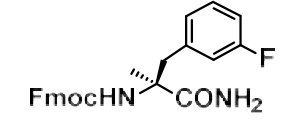
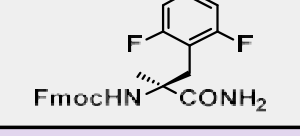
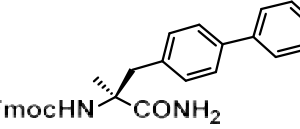
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
α-AlkenylAla derivatives							
	9H-fluoren-9-ylmethyl N- [(1S)-1-carbamoyl-1- methyl-but-3- enyl]carbamate	≥95.0% ≥98.0%ee		C ₂₁ H ₂₂ N ₂ O ₃ (350.41)	100 mg	KUA-01689 ¥26,400	
	not registered				1 g	KUA-01681 ¥66,000	
	9H-fluoren-9-ylmethyl N- [(1R)-1-carbamoyl-1- methyl-but-3- enyl]carbamate	≥95.0% ≥98.0%ee		C ₂₁ H ₂₂ N ₂ O ₃ (350.41)	100 mg	KUA-01699 ¥26,400	
	not registered				1 g	KUA-01691 ¥66,000	
	9H-fluoren-9-ylmethyl N- [(1S)-1-carbamoyl-1- methyl-hex-5- enyl]carbamate	≥95.0% ≥98.0%ee		C ₂₃ H ₂₆ N ₂ O ₃ (378.46)	100 mg	KUA-01709 ¥24,000	
	not registered				1 g	KUA-01701 ¥54,000	
	9H-fluoren-9-ylmethyl N- [(1R)-1-carbamoyl-1- methyl-hex-5- enyl]carbamate	≥95.0% ≥98.0%ee		C ₂₃ H ₂₆ N ₂ O ₃ (378.46)	100 mg	KUA-01719 ¥24,000	
	not registered				1 g	KUA-01711 ¥54,000	
	9H-fluoren-9-ylmethyl N- [(1S)-1-carbamoyl-1- methyl-non-8- enyl]carbamate	≥95.0% ≥98.0%ee		C ₂₆ H ₃₂ N ₂ O ₃ (420.54)	100 mg	KUA-01729 ¥22,800	
	not registered				1 g	KUA-01721 ¥66,000	
	9H-fluoren-9-ylmethyl N- [(1R)-1-carbamoyl-1- methyl-non-8- enyl]carbamate	≥95.0% ≥98.0%ee		C ₂₆ H ₃₂ N ₂ O ₃ (420.54)	100 mg	KUA-01739 ¥22,800	
	not registered				1 g	KUA-01731 ¥66,000	
α-AlkynylAla derivatives							
	9H-fluoren-9-ylmethyl N- [(1S)-1-carbamoyl-1- methyl-but-3- ynyl]carbamate	≥95.0% ≥98.0%ee		C ₂₁ H ₂₀ N ₂ O ₃ (348.40)	100 mg	KUA-01749 ¥24,000	
	not registered				1 g	KUA-01741 ¥54,000	
	9H-fluoren-9-ylmethyl N- [(1R)-1-carbamoyl-1- methyl-but-3- ynyl]carbamate	≥95.0% ≥98.0%ee		C ₂₁ H ₂₀ N ₂ O ₃ (348.40)	100 mg	KUA-01759 ¥24,000	
	not registered				1 g	KUA-01751 ¥54,000	
	9H-fluoren-9-ylmethyl N- [(1S)-1-carbamoyl-1- methyl-hex-5- ynyl]carbamate	≥95.0% ≥98.0%ee		C ₂₃ H ₂₄ N ₂ O ₃ (376.45)	100 mg	KUA-01769 ¥25,200	
	not registered				1 g	KUA-01761 ¥72,000	
	9H-fluoren-9-ylmethyl N- [(1R)-1-carbamoyl-1- methyl-hex-5- ynyl]carbamate	≥95.0% ≥98.0%ee		C ₂₃ H ₂₄ N ₂ O ₃ (376.45)	100 mg	KUA-01779 ¥33,600	
	not registered				1 g	KUA-01771 ¥72,000	
	9H-fluoren-9-ylmethyl N- [(1R)-1-carbamoyl-1- methyl-hept-6- ynyl]carbamate	≥95.0% ≥98.0%ee		C ₂₄ H ₂₆ N ₂ O ₃ (390.47)	100 mg	KUA-01789 ¥25,200	
	not registered				1 g	KUA-01781 ¥102,000	

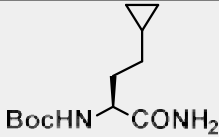
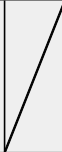
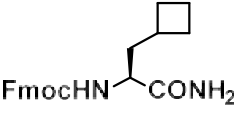
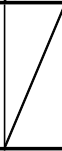
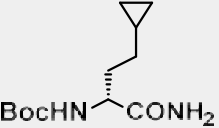
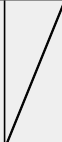
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
α-AlkenylGly derivatives							
	(2R)-2-acetamidopent-4-enamide	≥95.0% ≥98.0%ee		C ₇ H ₁₂ N ₂ O ₂ (156.18)	100 mg	KUA-01799 ¥24,000	
	not registered				1 g	KUA-01791 ¥54,000	
α,α-DialkenylGly derivatives							
	9H-fluoren-9-ylmethyl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

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

構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
Leucine (Leu) derivatives							
	9H-fluoren-9-ylmethyl N- [(1S)-1-carbamoyl-1,3- dimethyl-butyl]carbamate	≥95.0% ≥98.0%ee		C ₂₂ H ₂₆ N ₂ O ₃ (366.45)	100 mg	KUA-01949 ¥25,200	
	not registered				1 g	KUA-01941 ¥72,000	
	9H-fluoren-9-ylmethyl N- [(1R)-1-carbamoyl-1,3- dimethyl-butyl]carbamate	≥95.0% ≥98.0%ee		C ₂₂ H ₂₆ N ₂ O ₃ (366.45)	100 mg	KUA-01959 ¥25,200	
	not registered				1 g	KUA-01951 ¥72,000	
	9H-fluoren-9-ylmethyl N- [(1S)-1-carbamoyl-1-ethyl-3- methyl-butyl]carbamate	≥95.0% ≥98.0%ee		C ₂₃ H ₂₈ N ₂ O ₃ (380.48)	100 mg	KUA-01969 ¥22,800	
	not registered				1 g	KUA-01961 ¥96,000	
	9H-fluoren-9-ylmethyl N- [(1R)-1-carbamoyl-1-ethyl-3- methyl-butyl]carbamate	≥95.0% ≥98.0%ee		C ₂₃ H ₂₈ N ₂ O ₃ (380.48)	100 mg	KUA-01979 ¥22,800	
	not registered				1 g	KUA-01971 ¥96,000	
Lysine (Lys) derivatives							
	tert-butyl N-[(5S)-6-amino- 5-(9H-fluoren-9- ylmethoxycarbonylamino)-5- methyl-6-oxo- hexyl]carbamate	≥95.0% ≥98.0%ee		C ₂₇ H ₃₅ N ₃ O ₅ (481.58)	100 mg	KUA-01989 ¥24,000	
	not registered				1 g	KUA-01981 ¥72,000	
	tert-butyl N-[(5R)-6-amino- 5-(9H-fluoren-9- ylmethoxycarbonylamino)-5- methyl-6-oxo- hexyl]carbamate	≥95.0% ≥98.0%ee		C ₂₇ H ₃₅ N ₃ O ₅ (481.58)	100 mg	KUA-01999 ¥24,000	
	not registered				1 g	KUA-01991 ¥72,000	
	9H-fluoren-9-ylmethyl N- [(1S)-5- (allyloxycarbonylamino)-1- carbamoyl-1-methyl- pentyl]carbamate	≥95.0% ≥98.0%ee		C ₂₆ H ₃₁ N ₃ O ₅ (465.54)	100 mg	KUA-02009 ¥25,200	
	not registered				1 g	KUA-02001 ¥144,000	
	9H-fluoren-9-ylmethyl N- [(1S)-1-carbamoyl-5- [[diphenyl(p- tolyl)methyl]amino]-1- methyl-pentyl]carbamate	≥95.0% ≥98.0%ee		C ₄₂ H ₄₃ N ₃ O ₃ (637.81)	100 mg	KUA-02019 ¥21,600	
	not registered				1 g	KUA-02011 ¥96,000	
Ornithine (Orn) derivatives							
	tert-butyl N-[(4S)-5-amino- 4-(9H-fluoren-9- ylmethoxycarbonylamino)-4- methyl-5-oxo- pentyl]carbamate	≥95.0% ≥98.0%ee		C ₂₆ H ₃₃ N ₃ O ₅ (467.56)	100 mg	KUA-02029 ¥24,000	
	not registered				1 g	KUA-02021 ¥72,000	
	tert-butyl N-[(4R)-5-amino- 4-(9H-fluoren-9- ylmethoxycarbonylamino)-4- methyl-5-oxo- pentyl]carbamate	≥95.0% ≥98.0%ee		C ₂₆ H ₃₃ N ₃ O ₅ (467.56)	100 mg	KUA-02039 ¥24,000	
	not registered				1 g	KUA-02031 ¥72,000	
	9H-fluoren-9-ylmethyl N- [(1S)-1-carbamoyl-4- [[diphenyl(p- tolyl)methyl]amino]-1- methyl-butyl]carbamate	≥95.0% ≥98.0%ee		C ₄₁ H ₄₁ N ₃ O ₃ (623.78)	100 mg	KUA-02049 ¥26,400	
	not registered				1 g	KUA-02041 ¥96,000	

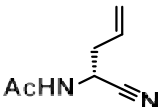
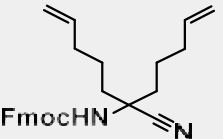
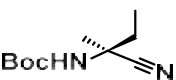
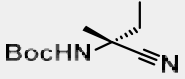
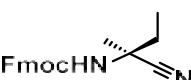
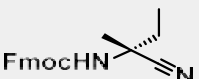
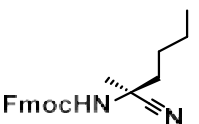
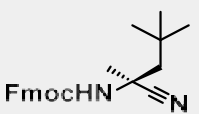
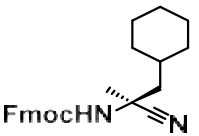
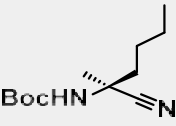
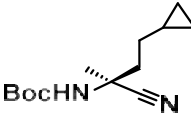
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
Phenylalanine (Phe) derivatives							
	9H-fluoren-9-ylmethyl N-[(1S)-2-amino-1-benzyl-1-methyl-2-oxo-ethyl]carbamate	≥95.0% ≥98.0%ee		C ₂₅ H ₂₄ N ₂ O ₃ (400.47)	100 mg	KUA-02059 ¥22,800	
	not registered				1 g	KUA-02051 ¥30,000	
		9H-fluoren-9-ylmethyl N-[(1R)-2-amino-1-benzyl-1-methyl-2-oxo-ethyl]carbamate	≥95.0% ≥98.0%ee		C ₂₅ H ₂₄ N ₂ O ₃ (400.47)	100 mg	
not registered		1 g				KUA-02061 ¥48,000	
Proline (Pro) derivatives							
	tert-butyl (2S)-2-carbamoyl-2-methyl-pyrrolidine-1-carboxylate	≥95.0% ≥98.0%ee		C ₁₁ H ₂₀ N ₂ O ₃ (228.29)	100 mg	KUA-02079 ¥22,800	
	not registered				1 g	KUA-02071 ¥36,000	
		tert-butyl (2R)-2-carbamoyl-2-methyl-pyrrolidine-1-carboxylate	≥95.0% ≥98.0%ee		C ₁₁ H ₂₀ N ₂ O ₃ (228.29)	100 mg	
2708343-13-7		1 g				KUA-02081 ¥36,000	
		9H-fluoren-9-ylmethyl (2S)-2-carbamoyl-2-methyl-pyrrolidine-1-carboxylate	≥95.0% ≥98.0%ee		C ₂₁ H ₂₂ N ₂ O ₃ (350.41)	100 mg	KUA-02099 ¥21,600
	not registered	1 g				KUA-02091 ¥54,000	
		9H-fluoren-9-ylmethyl (2R)-2-carbamoyl-2-methyl-pyrrolidine-1-carboxylate	≥95.0% ≥98.0%ee		C ₂₁ H ₂₂ N ₂ O ₃ (350.41)	100 mg	KUA-02109 ¥21,600
not registered		1 g				KUA-02101 ¥54,000	
Serine (Ser) derivatives							
	9H-fluoren-9-ylmethyl N-[(1S)-2-amino-1-(tert-butoxymethyl)-1-methyl-2-oxo-ethyl]carbamate	≥95.0% ≥98.0%ee		C ₂₃ H ₂₈ N ₂ O ₄ (396.48)	100 mg	KUA-02119 ¥25,200	
	not registered				1 g	KUA-02111 ¥102,000	
		9H-fluoren-9-ylmethyl N-[(1R)-2-amino-1-(tert-butoxymethyl)-1-methyl-2-oxo-ethyl]carbamate	≥95.0% ≥98.0%ee		C ₂₃ H ₂₈ N ₂ O ₄ (396.48)	100 mg	
not registered		1 g				KUA-02271 ¥102,000	
		9H-fluoren-9-ylmethyl N-[(1S)-2-amino-1-benzyl-1-(tert-butoxymethyl)-2-oxo-ethyl]carbamate	≥95.0% ≥98.0%ee		C ₂₉ H ₃₂ N ₂ O ₄ (472.58)	100 mg	KUA-02289 ¥22,800
	not registered	1 g				KUA-02281 ¥84,000	
		9H-fluoren-9-ylmethyl N-[(1R)-2-amino-1-benzyl-1-(tert-butoxymethyl)-2-oxo-ethyl]carbamate	≥95.0% ≥98.0%ee		C ₂₉ H ₃₂ N ₂ O ₄ (472.58)	100 mg	KUA-02299 ¥22,800
not registered		1 g				KUA-02291 ¥84,000	
Tryptophan (Trp) derivatives							
	tert-butyl 3-[(2S)-3-amino-2-(9H-fluoren-9-ylmethoxycarbonylamino)-2-methyl-3-oxo-propyl]indole-1-carboxylate	≥95.0% ≥98.0%ee		C ₃₂ H ₃₃ N ₃ O ₅ (539.62)	100 mg	KUA-02129 ¥30,000	
	not registered				1 g	KUA-02121 ¥132,000	

構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
	<i>tert</i> -butyl 3-[(2 <i>R</i>)-3-amino-2-(9 <i>H</i> -fluoren-9-ylmethoxycarbonylamino)-2-methyl-3-oxo-propyl]indole-1-carboxylate	≥95.0% ≥98.0%ee		C ₃₂ H ₃₃ N ₃ O ₅ (539.62)	100 mg	KUA-02139 ¥30,000	
					1 g	KUA-02131 ¥132,000	
	not registered						
Tyrosine (Tyr) derivatives							
	9 <i>H</i> -fluoren-9-ylmethyl N-[(1 <i>S</i>)-2-amino-1-[(4-benzyloxyphenyl)methyl]-1-methyl-2-oxo-ethyl]carbamate	≥95.0% ≥98.0%ee		C ₃₂ H ₃₀ N ₂ O ₄ (506.59)	100 mg	KUA-02149 ¥21,600	
					1 g	KUA-02141 ¥60,000	
	not registered						
	9 <i>H</i> -fluoren-9-ylmethyl N-[(1 <i>S</i>)-2-amino-1-[(4-hydroxyphenyl)methyl]-1-methyl-2-oxo-ethyl]carbamate	≥95.0% ≥98.0%ee		C ₂₅ H ₂₄ N ₂ O ₄ (416.47)	100 mg	KUA-02159 ¥27,600	
					1 g	KUA-02151 ¥66,000	
	not registered						
	9 <i>H</i> -fluoren-9-ylmethyl N-[(1 <i>S</i>)-2-amino-1-methyl-2-oxo-1-[(4-trityloxyphenyl)methyl]ethyl]carbamate	≥95.0% ≥98.0%ee		C ₄₄ H ₃₈ N ₂ O ₄ (658.78)	100 mg	KUA-02169 ¥21,600	
					1 g	KUA-02161 ¥96,000	
	not registered						
Valine (Val) derivatives							
	9 <i>H</i> -fluoren-9-ylmethyl N-[(1 <i>S</i>)-1-carbamoyl-1,2-dimethyl-propyl]carbamate	≥95.0% ≥98.0%ee		C ₂₁ H ₂₄ N ₂ O ₃ (352.43)	100 mg	KUA-02179 ¥21,600	
					1 g	KUA-02171 ¥42,000	
	not registered						
	9 <i>H</i> -fluoren-9-ylmethyl N-[(1 <i>R</i>)-1-carbamoyl-1,2-dimethyl-propyl]carbamate	≥95.0% ≥98.0%ee		C ₂₁ H ₂₄ N ₂ O ₃ (352.43)	100 mg	KUA-02189 ¥21,600	
					1 g	KUA-02181 ¥42,000	
	not registered						
F-Phe derivatives							
	9 <i>H</i> -fluoren-9-ylmethyl N-[(1 <i>S</i>)-2-amino-1-[(2-fluorophenyl)methyl]-1-methyl-2-oxo-ethyl]carbamate	≥95.0% ≥98.0%ee		C ₂₅ H ₂₃ FN ₂ O ₃ (418.46)	100 mg	KUA-02199 ¥22,800	
					1 g	KUA-02191 ¥36,000	
	not registered						
	9 <i>H</i> -fluoren-9-ylmethyl N-[(1 <i>R</i>)-2-amino-1-[(2-fluorophenyl)methyl]-1-methyl-2-oxo-ethyl]carbamate	≥95.0% ≥98.0%ee		C ₂₅ H ₂₃ FN ₂ O ₃ (418.46)	100 mg	KUA-02209 ¥22,800	
					1 g	KUA-02201 ¥36,000	
	not registered						
	9 <i>H</i> -fluoren-9-ylmethyl N-[(1 <i>S</i>)-2-amino-1-[(3-fluorophenyl)methyl]-1-methyl-2-oxo-ethyl]carbamate	≥95.0% ≥98.0%ee		C ₂₅ H ₂₃ FN ₂ O ₃ (418.46)	100 mg	KUA-02219 ¥22,800	
					1 g	KUA-02211 ¥60,000	
	not registered						
	9 <i>H</i> -fluoren-9-ylmethyl N-[(1 <i>S</i>)-2-amino-1-[(2,6-difluorophenyl)methyl]-1-methyl-2-oxo-ethyl]carbamate	≥95.0% ≥98.0%ee		C ₂₅ H ₂₂ F ₂ N ₂ O ₃ (436.45)	100 mg	KUA-02229 ¥21,600	
					1 g	KUA-02221 ¥36,000	
	not registered						
4-Ph-Phe derivatives							
	9 <i>H</i> -fluoren-9-ylmethyl N-[(1 <i>S</i>)-2-amino-1-methyl-2-oxo-1-[(4-phenylphenyl)methyl]ethyl]carbamate	≥95.0% ≥98.0%ee		C ₃₁ H ₂₈ N ₂ O ₃ (476.57)	100 mg	KUA-02239 ¥22,800	
					1 g	KUA-02231 ¥84,000	
	not registered						

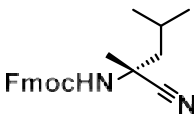
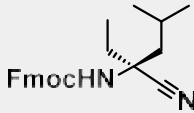
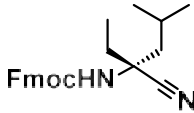
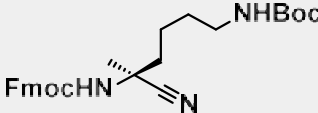
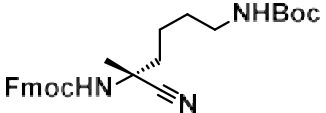
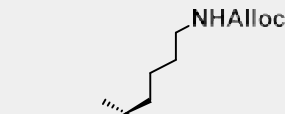
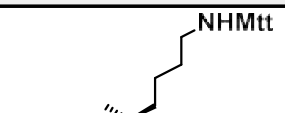
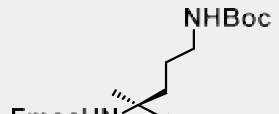
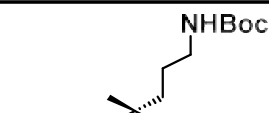
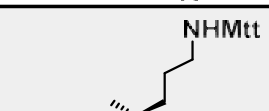
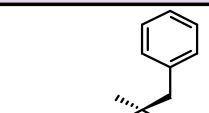
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
Glycine (Gly) derivatives							
	<i>tert</i> -butyl N-[(1 <i>S</i>)-1-carbamoyl-3-cyclopropylpropyl]carbamate	≥95.0% ≥98.0%ee		C ₁₂ H ₂₂ N ₂ O ₃ (242.31)	100 mg	KUA-02249	
					¥22,800		
	not registered	1 g			KUA-02241		
		¥108,000					
	9 <i>H</i> -fluoren-9-ylmethyl N-[(1 <i>S</i>)-2-amino-1-(cyclobutylmethyl)-2-oxoethyl]carbamate	≥95.0% ≥98.0%ee		C ₂₂ H ₂₄ N ₂ O ₃ (364.44)	100 mg	KUA-02319	
					¥27,600		
	not registered	1 g			KUA-02311		
		¥108,000					
	<i>tert</i> -butyl N-[(1 <i>R</i>)-1-carbamoyl-3-cyclopropylpropyl]carbamate	≥95.0% ≥98.0%ee		C ₁₂ H ₂₂ N ₂ O ₃ (242.31)	100 mg	KUA-02329	
					¥22,800		
	not registered	1 g			KUA-02321		
		¥176,000					

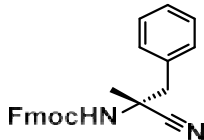
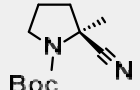
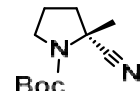
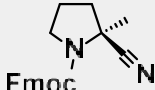
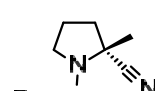
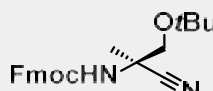
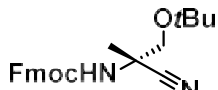
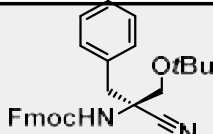
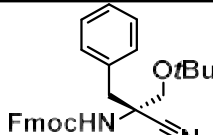
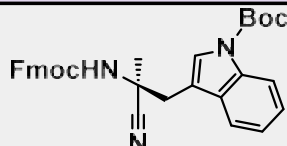
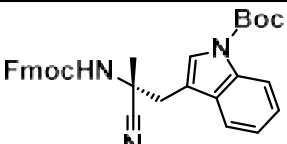
α -Aminonitriles (on demand)

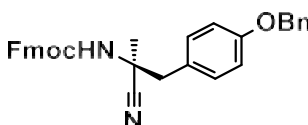
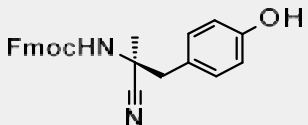
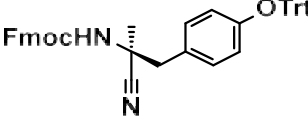
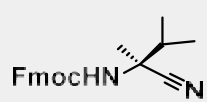
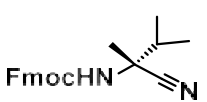
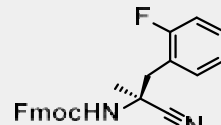
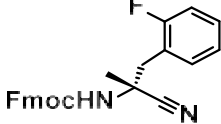
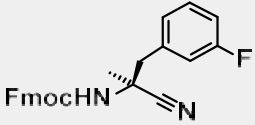
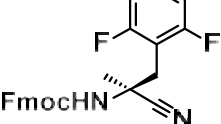
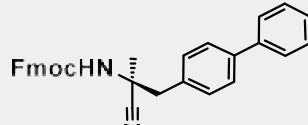
α-Aminonitriles (on demand)							
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
α-AlkenylAla derivatives							
	9H-fluoren-9-ylmethyl N- [(1S)-1-cyano-1-methyl-but- 3-enyl]carbamate	≥95.0% ≥98.0%ee		C ₂₁ H ₂₀ N ₂ O ₂ (332.40)	100 mg	KUA-02339 ¥50,600	
					1 g	KUA-02331 ¥82,500	
	not registered						
	9H-fluoren-9-ylmethyl N- [(1R)-1-cyano-1-methyl-but- 3-enyl]carbamate	≥95.0% ≥98.0%ee		C ₂₁ H ₂₀ N ₂ O ₂ (332.40)	100 mg	KUA-02349 ¥50,600	
					1 g	KUA-02341 ¥93,500	
	not registered						
	9H-fluoren-9-ylmethyl N- [(1S)-1-cyano-1-methyl-hex- 5-enyl]carbamate	≥95.0% ≥98.0%ee		C ₂₃ H ₂₄ N ₂ O ₂ (360.45)	100 mg	KUA-02359 ¥46,000	
					1 g	KUA-02351 ¥67,500	
	not registered						
	9H-fluoren-9-ylmethyl N- [(1R)-1-cyano-1-methyl-hex- 5-enyl]carbamate	≥95.0% ≥98.0%ee		C ₂₃ H ₂₄ N ₂ O ₂ (360.45)	100 mg	KUA-02369 ¥46,000	
					1 g	KUA-02361 ¥67,500	
	not registered						
	9H-fluoren-9-ylmethyl N- [(1S)-1-cyano-1-methyl-non- 8-enyl]carbamate	≥95.0% ≥98.0%ee		C ₂₆ H ₃₀ N ₂ O ₂ (402.53)	100 mg	KUA-02379 ¥43,700	
					1 g	KUA-02371 ¥82,500	
	not registered						
	9H-fluoren-9-ylmethyl N- [(1R)-1-cyano-1-methyl-non- 8-enyl]carbamate	≥95.0% ≥98.0%ee		C ₂₆ H ₃₀ N ₂ O ₂ (402.53)	100 mg	KUA-02389 ¥43,700	
					1 g	KUA-02381 ¥82,500	
	not registered						
α-AlkynylAla derivatives							
	9H-fluoren-9-ylmethyl N- [(1S)-1-cyano-1-methyl-but- 3-ynyl]carbamate	≥95.0% ≥98.0%ee		C ₂₁ H ₁₈ N ₂ O ₂ (330.38)	100 mg	KUA-02399 ¥46,000	
					1 g	KUA-02391 ¥81,000	
	not registered						
	9H-fluoren-9-ylmethyl N- [(1R)-1-cyano-1-methyl-but- 3-ynyl]carbamate	≥95.0% ≥98.0%ee		C ₂₁ H ₁₈ N ₂ O ₂ (330.38)	100 mg	KUA-02409 ¥46,000	
					1 g	KUA-02401 ¥81,000	
	not registered						
	9H-fluoren-9-ylmethyl N- [(1S)-1-cyano-1-methyl-hex- 5-ynyl]carbamate	≥95.0% ≥98.0%ee		C ₂₃ H ₂₂ N ₂ O ₂ (358.43)	100 mg	KUA-02419 ¥48,300	
					1 g	KUA-02411 ¥90,000	
	not registered						
	9H-fluoren-9-ylmethyl N- [(1R)-1-cyano-1-methyl-hex- 5-ynyl]carbamate	≥95.0% ≥98.0%ee		C ₂₃ H ₂₂ N ₂ O ₂ (358.43)	100 mg	KUA-02429 ¥52,500	
					1 g	KUA-02421 ¥90,000	
	not registered						
	9H-fluoren-9-ylmethyl N- [(1R)-1-cyano-1-methyl-hept- 6-ynyl]carbamate	≥95.0% ≥98.0%ee		C ₂₄ H ₂₄ N ₂ O ₂ (372.46)	100 mg	KUA-02439 ¥48,300	
					1 g	KUA-02431 ¥127,500	
	not registered						

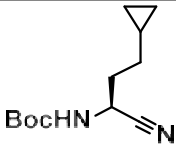
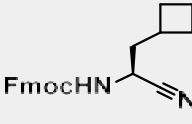
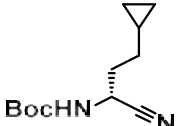
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
α-AlkenylGly derivatives							
	N-[(1 <i>R</i>)-1-cyanobut-3-enyl]acetamide	≥95.0% ≥98.0%ee		C ₇ H ₁₀ N ₂ O (138.17)	100 mg	KUA-02449 ¥46,000	
	not registered				1 g	KUA-02441 ¥67,500	
α,α-DialkenylGly derivatives							
	9 <i>H</i> -fluoren-9-ylmethyl N-(1-cyano-1-pent-4-enyl-hex-5-enyl)carbamate	≥98.0% ≥98.0%ee		C ₂₇ H ₃₀ N ₂ O ₂ (414.54)	100 mg	KUA-02459 ¥43,700	
	not registered				1 g	KUA-02451 ¥90,000	
Alanine (Ala) derivatives							
	<i>tert</i> -butyl N-[(1 <i>S</i>)-1-cyano-1-methyl-propyl]carbamate	≥95.0% ≥98.0%ee		C ₁₀ H ₁₈ N ₂ O ₂ (198.26)	100 mg	KUA-02469 ¥43,700	
	not registered				1 g	KUA-02461 ¥62,400	
	<i>tert</i> -butyl N-[(1 <i>R</i>)-1-cyano-1-methyl-propyl]carbamate	≥95.0% ≥98.0%ee		C ₁₀ H ₁₈ N ₂ O ₂ (198.26)	100 mg	KUA-02479 ¥43,700	
	not registered				1 g	KUA-02471 ¥62,400	
	9 <i>H</i> -fluoren-9-ylmethyl N-[(1 <i>S</i>)-1-cyano-1-methyl-propyl]carbamate	≥95.0% ≥98.0%ee		C ₂₀ H ₂₀ N ₂ O ₂ (320.39)	100 mg	KUA-02489 ¥41,400	
	not registered				1 g	KUA-02481 ¥60,000	
	9 <i>H</i> -fluoren-9-ylmethyl N-[(1 <i>R</i>)-1-cyano-1-methyl-propyl]carbamate	≥95.0% ≥98.0%ee		C ₂₀ H ₂₀ N ₂ O ₂ (320.39)	100 mg	KUA-02499 ¥45,000	
	not registered				1 g	KUA-02491 ¥60,000	
	9 <i>H</i> -fluoren-9-ylmethyl N-[(1 <i>S</i>)-1-cyano-1-methyl-pentyl]carbamate	≥95.0% ≥98.0%ee		C ₂₂ H ₂₄ N ₂ O ₂ (348.44)	100 mg	KUA-02509 ¥46,000	
	not registered				1 g	KUA-02501 ¥90,000	
	9 <i>H</i> -fluoren-9-ylmethyl N-[(1 <i>S</i>)-1-cyano-1,3,3-trimethyl-butyl]carbamate	≥95.0% ≥98.0%ee		C ₂₃ H ₂₆ N ₂ O ₂ (362.46)	100 mg	KUA-02519 ¥73,600	
	not registered				1 g	KUA-02511 ¥216,000	
	9 <i>H</i> -fluoren-9-ylmethyl N-[(1 <i>S</i>)-1-cyano-2-cyclohexyl-1-methyl-ethyl]carbamate	≥95.0% ≥98.0%ee		C ₂₅ H ₂₈ N ₂ O ₂ (388.50)	100 mg	KUA-02529 ¥41,400	
	not registered				1 g	KUA-02521 ¥90,000	
	<i>tert</i> -butyl N-[(1 <i>S</i>)-1-carbamoyl-1-methyl-pentyl]carbamate	≥95.0% ≥98.0%ee		C ₁₂ H ₂₄ N ₂ O ₃ (244.33)	100 mg	KUA-03009 ¥52,900	
	not registered				1 g	KUA-03001 ¥135,000	
	<i>tert</i> -butyl N-[(1 <i>S</i>)-1-carbamoyl-3-cyclopropyl-1-methyl-propyl]carbamate	≥95.0% ≥98.0%ee		C ₁₃ H ₂₄ N ₂ O ₃ (256.34)	100 mg	KUA-03019 ¥52,900	
	not registered				1 g	KUA-03011 ¥135,000	

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

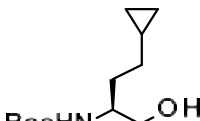
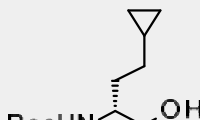
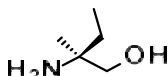
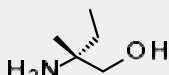
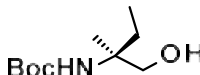
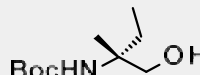
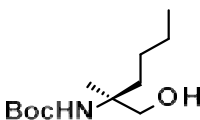
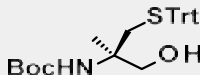
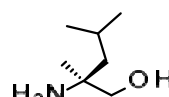
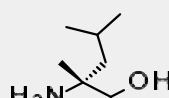
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
	9H-fluoren-9-ylmethyl N- [(1R)-1-cyano-1,3-dimethyl- butyl]carbamate	≥95.0% ≥98.0%ee		C ₂₂ H ₂₄ N ₂ O ₂ (348.44)	100 mg	KUA-02609 ¥48,300	
	not registered	1 g			KUA-02601 ¥90,000		
	9H-fluoren-9-ylmethyl N- [(1S)-1-cyano-1-ethyl-3-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

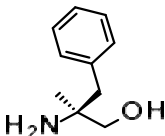
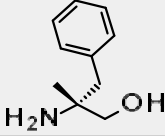
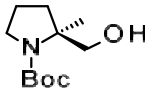
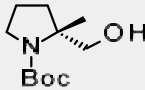
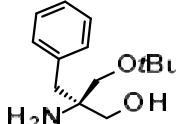
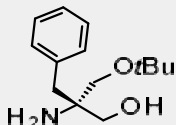
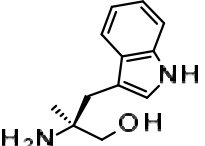
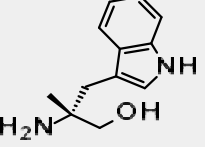
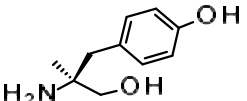
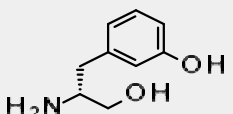
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
	9H-fluoren-9-ylmethyl N- [(1R)-1-cyano-1-methyl-2- phenyl-ethyl]carbamate	≥95.0% ≥98.0%ee		C ₂₅ H ₂₂ N ₂ O ₂ (382.45)	100 mg	KUA-02719 ¥43,700	
	not registered				1 g	KUA-02711 ¥88,000	
	Proline (Pro) derivatives						
	tert-butyl (2S)-2-cyano-2- methyl-pyrrolidine-1- carboxylate	≥95.0% ≥98.0%ee		C ₁₁ H ₁₈ N ₂ O ₂ (210.27)	100 mg	KUA-02729 ¥43,700	
	not registered				1 g	KUA-02721 ¥60,000	
	tert-butyl (2R)-2-cyano-2- methyl-pyrrolidine-1- carboxylate	≥95.0% ≥98.0%ee		C ₁₁ H ₁₈ N ₂ O ₂ (210.27)	100 mg	KUA-02739 ¥43,700	
	not registered				1 g	KUA-02731 ¥60,000	
	9H-fluoren-9-ylmethyl (2S)- 2-cyano-2-methyl- pyrrolidine-1-carboxylate	≥95.0% ≥98.0%ee		C ₂₁ H ₂₀ N ₂ O ₂ (332.40)	100 mg	KUA-02749 ¥41,400	
	not registered				1 g	KUA-02741 ¥67,500	
	9H-fluoren-9-ylmethyl (2R)- 2-cyano-2-methyl- pyrrolidine-1-carboxylate	≥95.0% ≥98.0%ee		C ₂₁ H ₂₀ N ₂ O ₂ (332.40)	100 mg	KUA-02759 ¥45,000	
	not registered				1 g	KUA-02751 ¥67,500	
Serine (Ser) derivatives							
	9H-fluoren-9-ylmethyl N- [(1R)-2-tert-butoxy-1-cyano- 1-methyl-ethyl]carbamate	≥95.0% ≥98.0%ee		C ₂₃ H ₂₆ N ₂ O ₃ (378.46)	100 mg	KUA-02769 ¥48,300	
	not registered				1 g	KUA-02761 ¥127,500	
	9H-fluoren-9-ylmethyl N- [(1S)-2-tert-butoxy-1-cyano- 1-methyl-ethyl]carbamate	≥95.0% ≥98.0%ee		C ₂₃ H ₂₆ N ₂ O ₃ (378.46)	100 mg	KUA-02929 ¥45,000	
	not registered				1 g	KUA-02921 ¥110,500	
	9H-fluoren-9-ylmethyl N- [(1R)-1-benzyl-2-tert- butoxy-1-cyano- ethyl]carbamate	≥95.0% ≥98.0%ee		C ₂₉ H ₃₀ N ₂ O ₃ (454.56)	100 mg	KUA-02939 ¥43,700	
	not registered				1 g	KUA-02931 ¥105,000	
	9H-fluoren-9-ylmethyl N- [(1S)-1-benzyl-2-tert- butoxy-1-cyano- ethyl]carbamate	≥95.0% ≥98.0%ee		C ₂₉ H ₃₀ N ₂ O ₃ (454.56)	100 mg	KUA-02949 ¥43,700	
	not registered				1 g	KUA-02941 ¥105,000	
Tryptophan (Trp) derivatives							
	tert-butyl 3-[(2S)-2-cyano-2- (9H-fluoren-9- ylmethoxycarbonylamino)pr opyl]indole-1-carboxylate	≥95.0% ≥98.0%ee		C ₃₂ H ₃₁ N ₃ O ₄ (521.61)	100 mg	KUA-02779 ¥57,500	
	not registered				1 g	KUA-02771 ¥143,000	
	tert-butyl 3-[(2R)-2-cyano-2- (9H-fluoren-9- ylmethoxycarbonylamino)pr opyl]indole-1-carboxylate	≥95.0% ≥98.0%ee		C ₃₂ H ₃₁ N ₃ O ₄ (521.61)	100 mg	KUA-02789 ¥50,000	
	not registered				1 g	KUA-02781 ¥165,000	

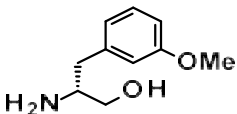
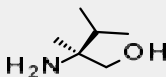
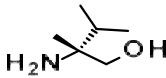
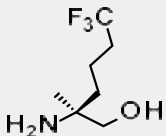
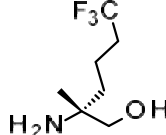
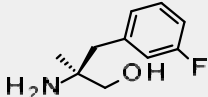
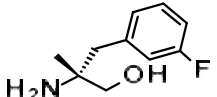
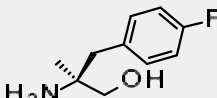
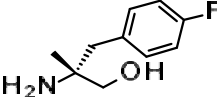
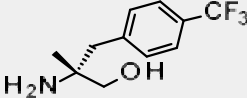
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
Tyrosine (Tyr) derivatives							
	9H-fluoren-9-ylmethyl N- [(1S)-2-(4-benzyloxyphenyl)- 1-cyano-1-methyl- ethyl]carbamate	≥95.0% ≥98.0%ee		C ₃₂ H ₂₈ N ₂ O ₃ (488.58)	100 mg	KUA-02799 ¥45,000	
	not registered				1 g	KUA-02791 ¥75,000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

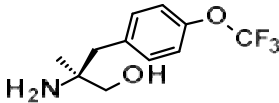
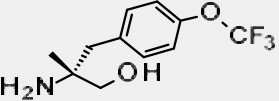
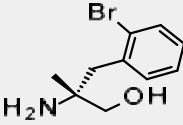
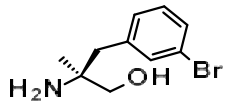
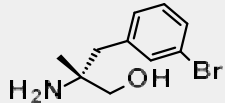
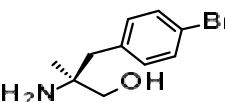
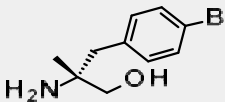
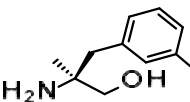
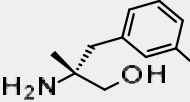
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
Glycine (Gly) derivatives							
	<i>tert</i> -butyl N-[(1 <i>S</i>)-1-cyano-3-cyclopropylpropyl]carbamate	≥95.0% ≥98.0%ee		C ₁₂ H ₂₀ N ₂ O ₂ (224.30)	100 mg	KUA-02899 ¥43,700	
	not registered				1 g	KUA-02891 ¥135,000	
	9 <i>H</i> -fluoren-9-ylmethyl N-[(1 <i>S</i>)-1-cyano-2-cyclobutylethyl]carbamate	≥95.0% ≥98.0%ee		C ₂₂ H ₂₂ N ₂ O ₂ (346.42)	100 mg	KUA-02969 ¥52,900	
	not registered				1 g	KUA-02961 ¥135,000	
	<i>tert</i> -butyl N-[(1 <i>R</i>)-1-cyano-3-cyclopropylpropyl]carbamate	≥95.0% ≥98.0%ee		C ₁₂ H ₂₀ N ₂ O ₂ (224.30)	100 mg	KUA-02979 ¥43,700	
	not registered				1 g	KUA-02971 ¥192,000	

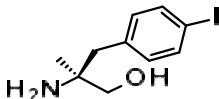
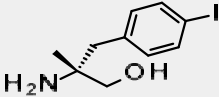
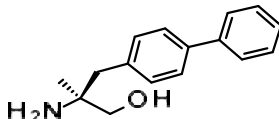
α-Aminoalcohols (on demand)

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

構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント		
	CAS RN®	化学純度 光学純度				販売価格			
Phenylalanine (Phe) derivatives									
	(2S)-2-amino-2-methyl-3-phenyl-propan-1-ol	≥95.0% ≥98.0%ee		C ₁₀ H ₁₅ NO (165.23)	100 mg	KUA-03129 ¥20,900			
	35409-82-6				1 g	KUA-03121 ¥32,500			
		(2R)-2-amino-2-methyl-3-phenyl-propan-1-ol	≥95.0% ≥98.0%ee		C ₁₀ H ₁₅ NO (165.23)	100 mg		KUA-03139 ¥20,900	
21394-38-7		1 g				KUA-03131 ¥44,000			
Proline (Pro) derivatives									
		tert-butyl (2S)-2-(hydroxymethyl)-2-methyl-pyrrolidine-1-carboxylate	≥95.0% ≥98.0%ee		C ₁₁ H ₂₁ NO ₃ (215.29)	100 mg	KUA-03149 ¥20,900		
	1339022-10-4	1 g				KUA-03141 ¥33,000			
		tert-butyl (2R)-2-(hydroxymethyl)-2-methyl-pyrrolidine-1-carboxylate	≥95.0% ≥98.0%ee		C ₁₁ H ₂₁ NO ₃ (215.29)	100 mg	KUA-03159 ¥20,900		
1207754-99-1		1 g				KUA-03151 ¥33,000			
Serine (Ser) derivatives									
		(2R)-2-amino-2-benzyl-3-tert-butoxy-propan-1-ol	≥95.0% ≥98.0%ee		C ₁₅ H ₂₇ NO ₂ (253.38)	100 mg	KUA-03169 ¥19,800		
	Not registered	1 g				KUA-03161 ¥30,000			
		(2S)-2-amino-2-benzyl-3-tert-butoxy-propan-1-ol	≥95.0% ≥98.0%ee		C ₁₄ H ₂₃ NO ₂ (237.34)	100 mg	KUA-03179 ¥19,800		
Not registered		1 g				KUA-03171 ¥30,000			
Tryptophan (Trp) derivatives									
		(2S)-2-amino-3-(1H-indol-3-yl)-2-methyl-propan-1-ol	≥95.0% ≥98.0%ee		C ₁₂ H ₁₆ N ₂ O (204.27)	100 mg	KUA-03189 ¥24,200		
	Not registered	1 g				KUA-03181 ¥71,500			
		(2R)-2-amino-3-(1H-indol-3-yl)-2-methyl-propan-1-ol	≥95.0% ≥98.0%ee		C ₁₂ H ₁₆ N ₂ O (204.27)	100 mg	KUA-03199 ¥24,200		
Not registered		1 g				KUA-03191 ¥71,500			
Tyrosine (Tyr) derivatives									
		4-[(2S)-2-amino-3-hydroxy-2-methyl-propyl]phenol	≥95.0% ≥98.0%ee		C ₁₀ H ₁₅ NO ₂ (181.23)	100 mg	KUA-03209 ¥20,900		
	Not registered	1 g				KUA-03201 ¥27,000			
		3-[(2R)-2-amino-3-hydroxy-propyl]phenol	≥95.0% ≥98.0%ee		C ₉ H ₁₃ NO ₂ (167.21)	100 mg	KUA-03219 ¥20,900		
1821830-42-5		1 g				KUA-03211 ¥38,500			

構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
	(2R)-2-amino-3-(3-methoxyphenyl)propan-1-ol	≥95.0% ≥98.0%ee		C ₁₀ H ₁₅ NO ₂ (181.23)	100 mg	KUA-03229 ¥23,100	
	2349948-81-6				1 g	KUA-03221 ¥55,000	
	Valine (Val) derivatives						
	(2S)-2-amino-2,3-dimethylbutan-1-ol	≥95.0% ≥98.0%ee		C ₆ H ₁₅ NO (117.19)	100 mg	KUA-03239 ¥20,900	
	956102-64-0				1 g	KUA-03231 ¥33,000	
		(2R)-2-amino-2,3-dimethylbutan-1-ol	≥95.0% ≥98.0%ee		C ₆ H ₁₅ NO (117.19)	100 mg	
155158-75-1		1 g				KUA-03241 ¥33,000	
Fluorine Substituted α-amino acids derivatives							
	(2S)-2-amino-6,6,6-trifluoro-2-methylhexan-1-ol	≥95.0% ≥98.0%ee		C ₇ H ₁₄ F ₃ NO (185.19)	100 mg	KUA-03259 ¥22,000	
	Not registered				1 g	KUA-03251 ¥77,000	
		(2R)-2-amino-6,6,6-trifluoro-2-methylhexan-1-ol	≥95.0% ≥98.0%ee		C ₇ H ₁₄ F ₃ NO (185.19)	100 mg	
Not registered		1 g				KUA-03261 ¥77,000	
F-Phe derivatives							
	(2S)-2-amino-3-(3-fluorophenyl)-2-methylpropan-1-ol	≥95.0% ≥98.0%ee		C ₁₀ H ₁₄ FNO (183.22)	100 mg	KUA-03279 ¥20,900	
	Not registered				1 g	KUA-03271 ¥38,500	
		(2R)-2-amino-3-(3-fluorophenyl)-2-methylpropan-1-ol	≥95.0% ≥98.0%ee		C ₁₀ H ₁₄ FNO (183.22)	100 mg	
Not registered		1 g				KUA-03281 ¥38,500	
		(2S)-2-amino-3-(4-fluorophenyl)-2-methylpropan-1-ol	≥95.0% ≥98.0%ee		C ₁₀ H ₁₄ FNO (183.22)	100 mg	KUA-03299 ¥20,900
	2382631-74-3	1 g				KUA-03291 ¥30,000	
		(2R)-2-amino-3-(4-fluorophenyl)-2-methylpropan-1-ol	≥95.0% ≥98.0%ee		C ₁₀ H ₁₄ FNO (183.22)	100 mg	KUA-03309 ¥20,900
Not registered		1 g				KUA-03301 ¥30,000	
		(2R)-2-amino-2-methyl-3-[4-(trifluoromethyl)phenyl]propan-1-ol	≥95.0% ≥98.0%ee		C ₁₁ H ₁₄ F ₃ NO (233.23)	100 mg	KUA-03319 ¥19,800
	Not registered	1 g				KUA-03311 ¥49,500	

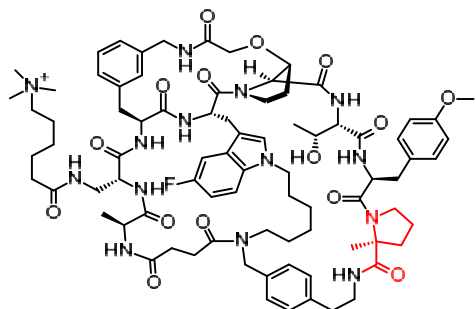
構造式	化学名	規格	保管 条件	分子式 (分子量)	容量	商品コード	コメント
	CAS RN®	化学純度 光学純度				販売価格	
	(2S)-2-amino-2-methyl-3-[4-(trifluoromethoxy)phenyl]propan-1-ol	≥95.0% ≥98.0%ee		C ₁₁ H ₁₄ F ₃ NO (233.23)	100 mg	KUA-03329 ¥20,900	
	Not registered				1 g	KUA-03321 ¥71,500	
	(2R)-2-amino-2-methyl-3-[4-(trifluoromethoxy)phenyl]propan-1-ol	≥95.0% ≥98.0%ee		C ₁₁ H ₁₄ F ₃ NO (233.23)	100 mg	KUA-03339 ¥20,900	
	Not registered				1 g	KUA-03331 ¥71,500	
Br-Phe derivatives							
	(2S)-2-amino-3-(2-bromophenyl)-2-methylpropan-1-ol	≥95.0% ≥98.0%ee		C ₁₀ H ₁₄ BrNO (244.13)	100 mg	KUA-03349 ¥24,200	
	Not registered				1 g	KUA-03341 ¥55,000	
	(2R)-2-amino-3-(2-bromophenyl)-2-methylpropan-1-ol	≥95.0% ≥98.0%ee		C ₁₀ H ₁₄ BrNO (244.13)	100 mg	KUA-03359 ¥24,200	
	Not registered				1 g	KUA-03351 ¥55,000	
	(2S)-2-amino-3-(3-bromophenyl)-2-methylpropan-1-ol	≥95.0% ≥98.0%ee		C ₁₀ H ₁₄ BrNO (244.13)	100 mg	KUA-03369 ¥22,000	
	Not registered				1 g	KUA-03361 ¥47,000	
	(2R)-2-amino-3-(3-bromophenyl)-2-methylpropan-1-ol	≥95.0% ≥98.0%ee		C ₁₀ H ₁₄ BrNO (244.13)	100 mg	KUA-03379 ¥22,000	
	Not registered				1 g	KUA-03371 ¥47,000	
	(2S)-2-amino-3-(4-bromophenyl)-2-methylpropan-1-ol	≥95.0% ≥98.0%ee		C ₁₀ H ₁₄ BrNO (244.13)	100 mg	KUA-03389 ¥20,900	
	Not registered				1 g	KUA-03381 ¥49,500	
	(2R)-2-amino-3-(4-bromophenyl)-2-methylpropan-1-ol	≥95.0% ≥98.0%ee		C ₁₀ H ₁₄ BrNO (244.13)	100 mg	KUA-03399 ¥20,900	
	Not registered				1 g	KUA-03391 ¥49,500	
I-Phe derivatives							
	(2S)-2-amino-3-(3-iodophenyl)-2-methylpropan-1-ol	≥95.0% ≥98.0%ee		C ₁₀ H ₁₄ INO (291.13)	100 mg	KUA-03409 ¥22,000	
	Not registered				1 g	KUA-03401 ¥35,200	
	(2R)-2-amino-3-(3-iodophenyl)-2-methylpropan-1-ol	≥95.0% ≥98.0%ee		C ₁₀ H ₁₄ INO (291.13)	100 mg	KUA-03419 ¥22,000	
	Not registered				1 g	KUA-03411 ¥35,200	

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

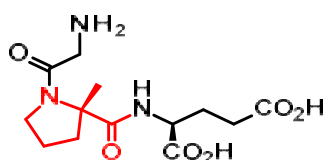
非天然型アミノ酸の応用例

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。

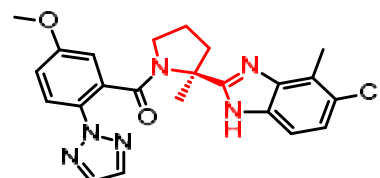
<合成中間体・ビルディングブロックとしての利用例>



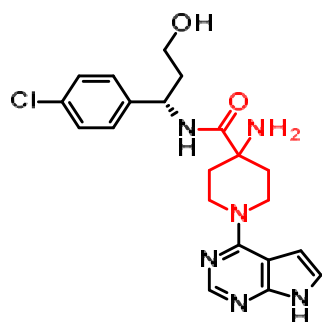
MK-0616
(PCSK9 inhibitor)
Circulation **2023**, 148, 144–158.



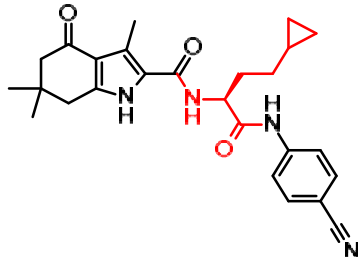
Trofinetide
(synthetic analog of IGF-1)
Neurology **2019**, 92, 1912–1925.



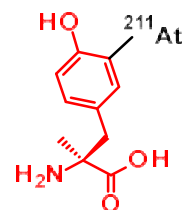
Daridorexant
(synthetic analog of IGF-1)
J. Pharmacol. Exp. Ther. **2017**, 362, 489–503.



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



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



²¹¹At-AAMT
(²¹¹At 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

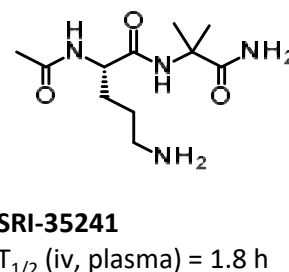
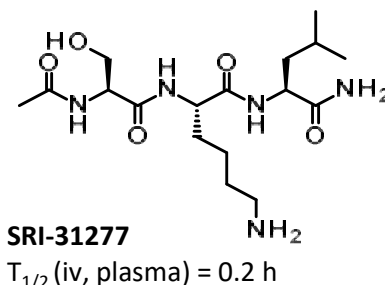
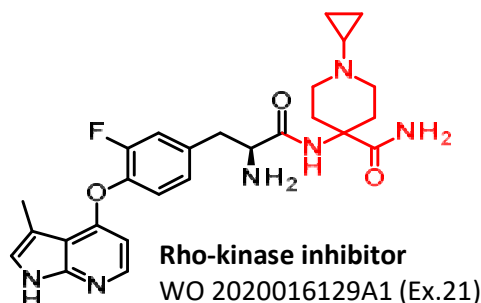
アミノカルボン酸アミドの応用例

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>

<代謝安定性改善例>

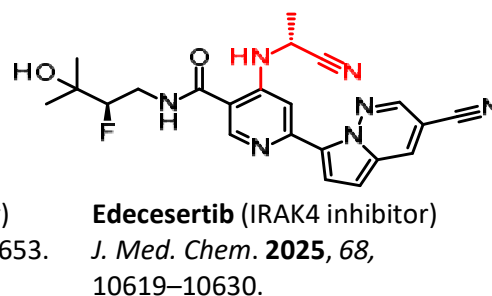
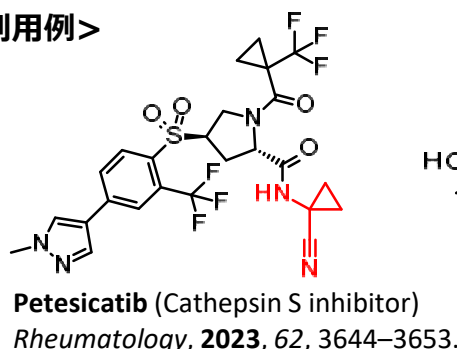
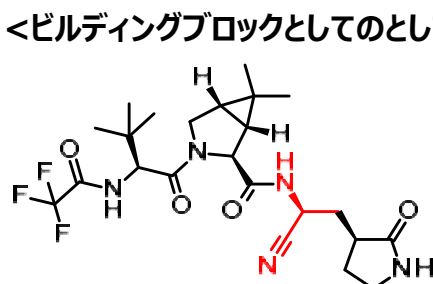
ACS Med. Chem. Lett. 2020, 11, 1130–1136.



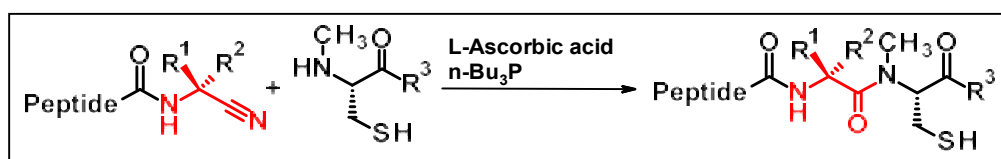
アミノニトリルの応用例

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利用例>

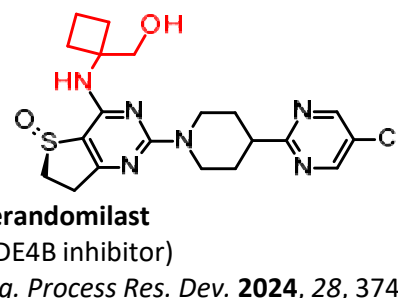
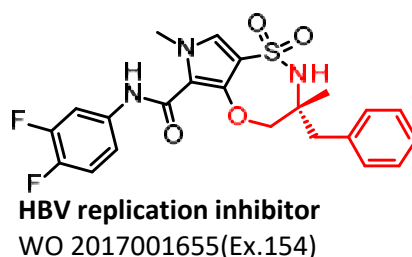
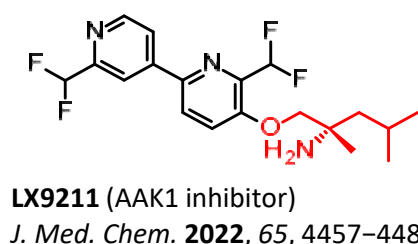


<ペプチド合成への応用例> *J. Am. Chem. Soc.* 2022, 144, 10145–10150.



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。



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注文後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ありません。

<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

 <https://www.kishida.co.jp/english/>

 shiyaku@kishida.co.jp