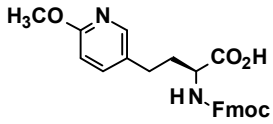
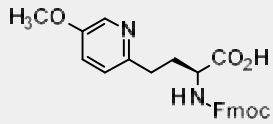
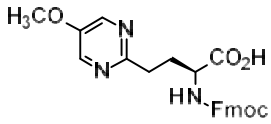
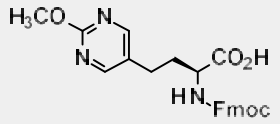
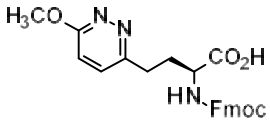
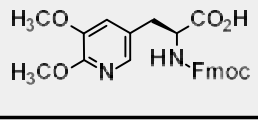
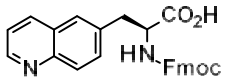
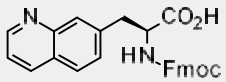
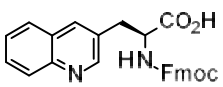
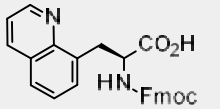
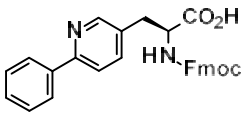
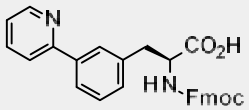
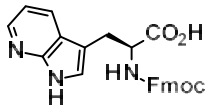
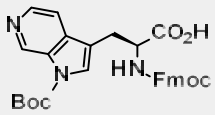
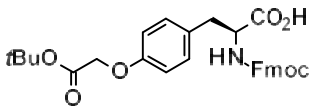
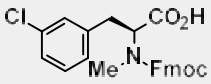
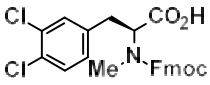
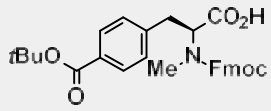
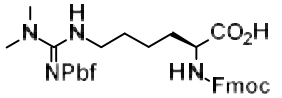
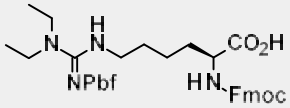
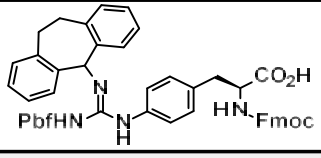
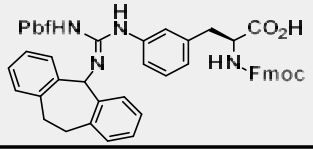
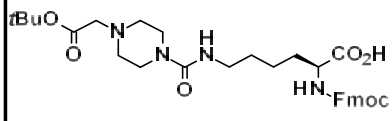
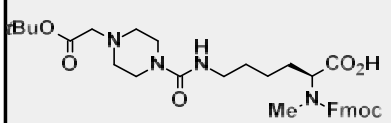
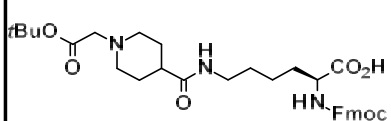
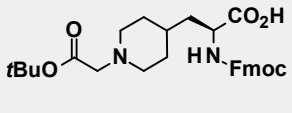
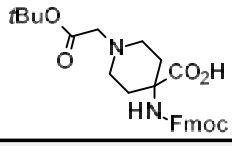
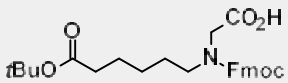
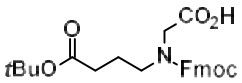
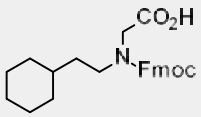
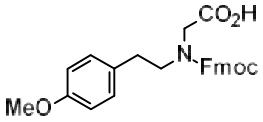
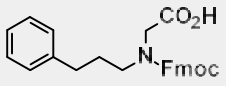
ペプチドリーム社製　非天然型アミノ酸試薬

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

PeptiDream

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

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

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

略語一覧

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

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