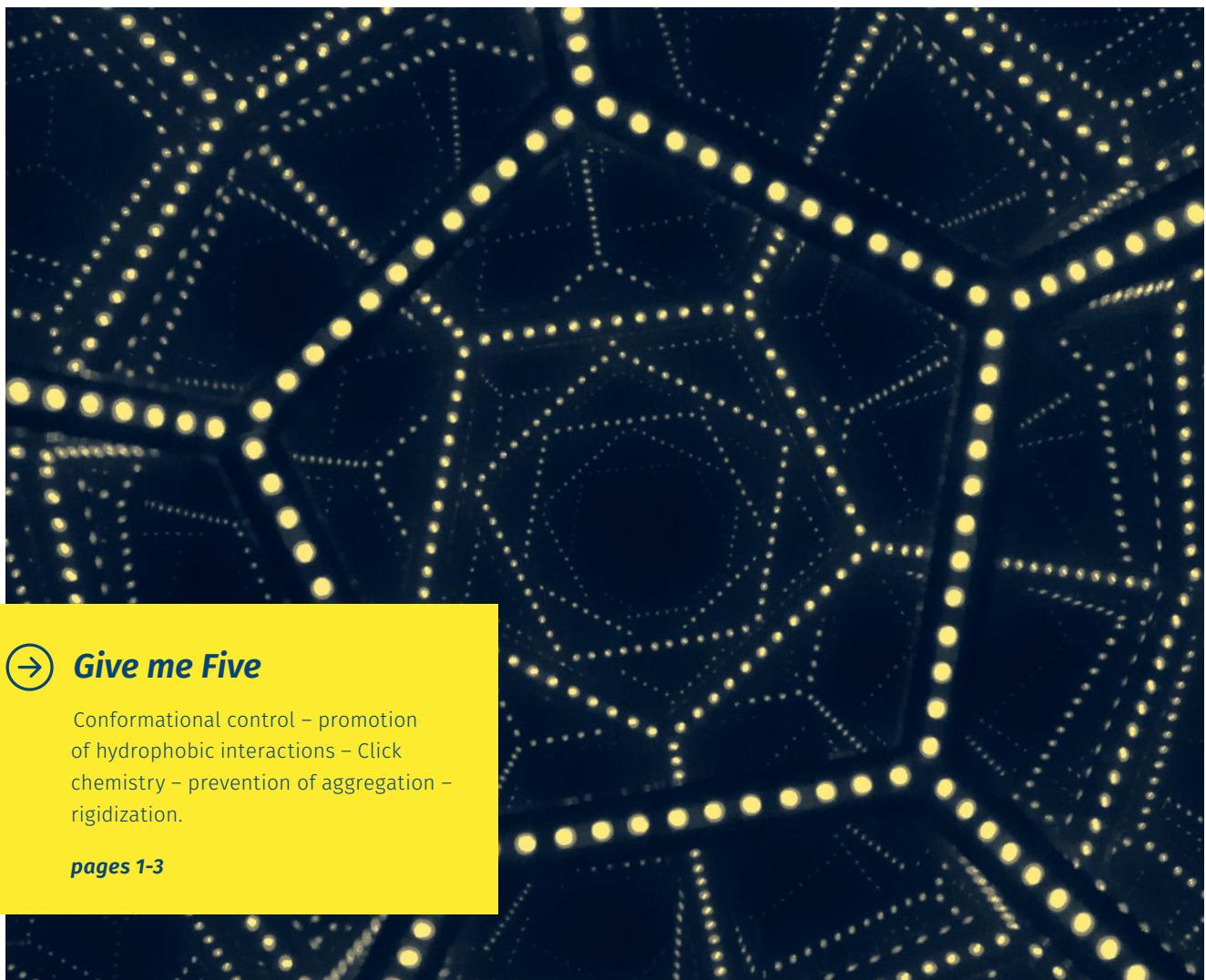




Iris
Biotech

(PSEUDO-)PROLINES

and Derivatives Thereof



→ Give me Five

Conformational control – promotion of hydrophobic interactions – Click chemistry – prevention of aggregation – rigidization.

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Locking the conformation:
methanoproline vs.
dimethylproline.
[page 1](#)

Substituted prolines as
constrained Arg and homoCys
analogues.
[pages 2, 3](#)

Pseudoproline monomers and
dipeptides for the prevention
of aggregation.
[page 3](#)

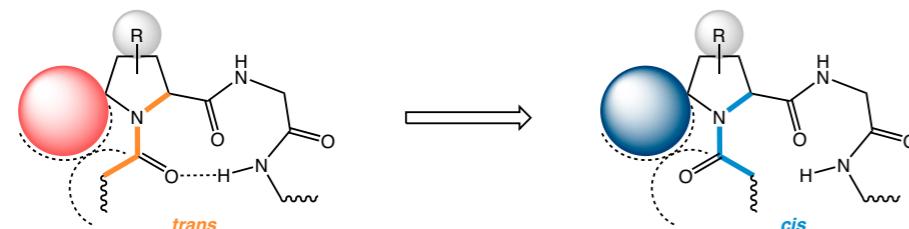


Version: IF3_3

(Pseudo-)Prolines and Derivatives Thereof

General Information

The cyclic amino acid proline (Pro) represents unique features in terms of its conformational properties as its incorporation into peptide sequences leads to an equilibrium mixture of approximately isoenergetic *cis* and *trans* conformers at AAA-Pro bonds, whereas peptide bonds of secondary amino acid amides adopt predominantly the *trans* C_α/C_α conformation.

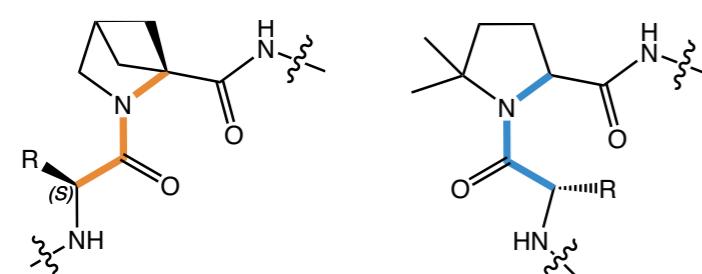


Cis and *trans* amide conformation.

Methanoprolines and Dimethylprolines – Constraining the Conformation

As many biological cascades are driven by the *cis-trans* isomerization process of a peptidic ligand within its binding pocket, the analysis of the bioactive conformation – whether *cis* or *trans* – represents a versatile strategy to improve a drug's affinity, its binding properties, and activity.

To analyze the role of both proline isomers separately, substituted proline derivatives can be inserted to lock the AAA-Pro peptide bond either in *cis* or *trans*. As reported in literature, rigid bicyclic 2,4-methanoprolines adopt preferably the *trans* amide conformation and are thus behaving more like primary alpha-amino acids, whereas 5,5-dimethylprolines (Dmp) lock the *cis* conformation.



Methanoproline locks *trans*

Dimethylproline locks *cis*

The use of Methanoprolines and Dimethylprolines as conformational amide locks.

Prolines with Hydrophobic Substituents – Filling the Pocket

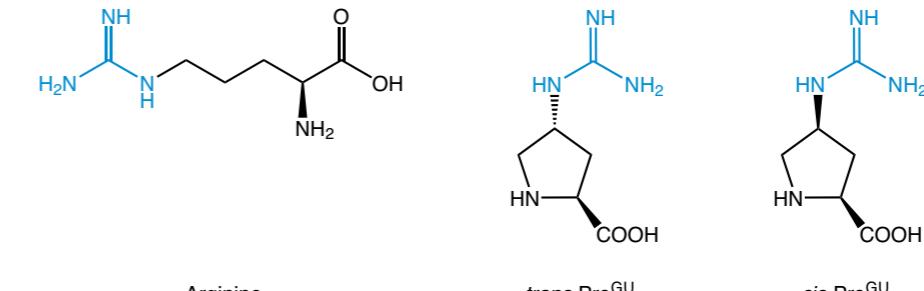
Prolines are key elements frequently positioned at the edge of β turns in peptides. With modified prolines these positions can be used for filling hydrophobic pockets or to increase hydrophobic interactions, whenever the pyrrolidine ring is substituted with groups like methyl or phenyl.

Guanidino-Prolines – Rigid Arginine Mimics

The site-directed replacement of one amino acid within a peptide sequence or protein allows to determine the role of this individual element for peptide/protein function and to investigate its effect on receptor interactions.

For the methodical study of arginine containing peptides, our portfolio includes two guanidylated proline derivatives, *trans*- and *cis*-Pro^{GU}. The strong basic guanidino group of arginine, which is almost always protonated at physiological pH, plays a pivotal role in molecular recognition processes. It is crucial for hydrogen bonding as well as ionic interactions with binding partners. In contrast to the rather flexible guanidino group of arginine, *trans*-Pro^{GU} (FAA5220) and *cis*-Pro^{GU} (FAA5230) represent constrained mimics.

As an example, the introduction of a guanidinylated proline in Arg-rich peptides resulted in 2.5- to 15-fold higher cellular uptake and approximately 100-fold more efficient pDNA transfection efficiencies compared to R9 peptides.



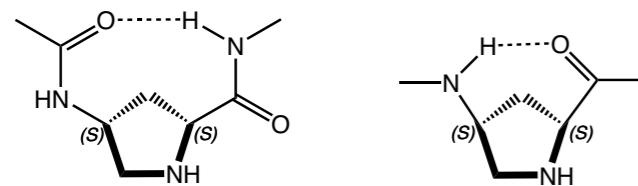
The constrained arginine mimics *trans*-Pro^{GU} and *cis*-Pro^{GU}.

Azido-Prolines – Click it!

Proline derivatives with azido function at position 4 enable Click conjugation just at the edge of a beta turn. Both optical configurations, 4S and 4R, are available in order to direct the conjugate specifically in the direction of desire.

Aminoprolines – Introducing beta and gamma turns

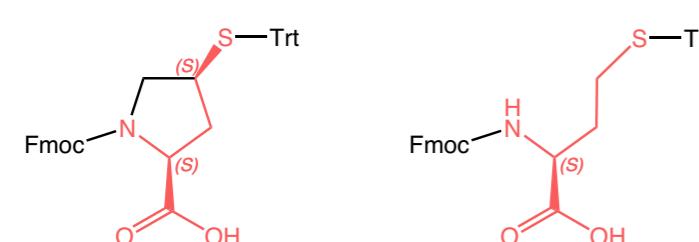
The proximity of the amine and carboxylic acid enforced by the pyrrolidine ring in *cis*-4-amino-proline can induce both beta and gamma turns depending on the location of the intramolecular hydrogen bond. Turns have been identified as sites for posttranslational modification of proteins. This is particularly true with respect to phosphorylation and glycosylation. Additionally, formation of gamma turns may initiate formation of beta sheets in protein folding. Preparing analogues of the naturally occurring hexapeptide echinocandin B bearing an aminoproline residue imparts greatly improved water solubility.



Chemical structure of aminoprolines.

Thioprolines – Rigid Homo-Cys Analogues

4-Mercaptoproline is a hybrid, or chimeric amino acid which combines the properties of proline and homocysteine. It can be used for disulfide bridge formation with defined sterical orientation. The distance between S and carboxylic acid function is the same as in homocysteine, however, flexibility of the side chain is reduced and thus rigidity increased. This building block has also been used for multiple controlled native chemical ligations.



Chemical structures of thioproline and homocysteine.

Pseudoprolines – Preventing Aggregation

Pseudoprolines derived from serine, threonine and cysteine gained broad attention as “preventors” of peptide aggregation during solid-phase peptide synthesis. Within those building blocks, the serine or threonine residue is reversibly protected as a proline-like 4-carboxyoxazolidine. As the formed oxazolidine rings are labile to TFA, the native sequence can be regenerated during cleavage and global deprotection. In analogy to prolines, pseudoprolines impose a kink on the peptide chain by favoring the *cis*- over the *trans*-amide bond formation. This disrupts the generation of beta sheet secondary structures, which are considered as a source of aggregation during chain elongation, thus serving as solubilizing building blocks.

Iris Biotech offers pseudoproline monomers as well as preformed dipeptides.

Methanoprolines

Product details

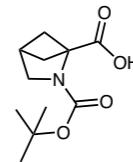
BAA4580 Boc-2,4-methanoproline

2-(*tert*-butyloxycarbonyl)-2-azabicyclo[2.1.1]hexane-1-carboxylic acid

CAS-No. 127926-24-3

Formula C₁₁H₁₇NO₄

Mol. weight 227,26 g/mol



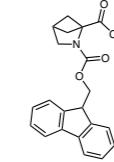
FAA8470 Fmoc-2,4-methanoproline

2-((9H-floren-9-yl)methoxy)carbonyl-2-azabicyclo[2.1.1]hexane-1-carboxylic acid

CAS-No. 1936396-62-1

Formula C₂₁H₁₉NO₄

Mol. weight 349,39 g/mol



Dimethylprolines

Product details

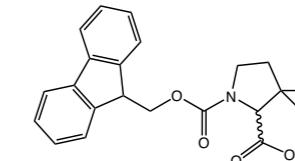
FAA2630 Fmoc-3,3-dmP-OH (rac)

N-alpha-(9-Fluorenylmethyloxycarbonyl)-beta,beta-dimethyl-proline (rac.)

CAS-No. 1310680-20-6

Formula C₂₂H₂₃NO₄

Mol. weight 365,43 g/mol



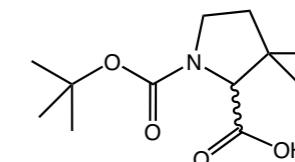
BAA2860 Boc-3,3-dmP-OH (rac)

N-alpha-t-Butyloxycarbonyl-beta,beta-dimethyl-proline (rac.)

CAS-No. 143979-40-2

Formula C₁₂H₂₁NO₄

Mol. weight 243,30 g/mol



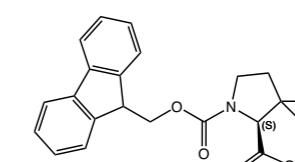
FAA2640 Fmoc-3,3-dmP-OH (S)

N-alpha-(9-Fluorenylmethyloxycarbonyl)-beta,beta-dimethyl-L-proline

CAS-No. 1982344-79-5

Formula C₂₂H₂₃NO₄

Mol. weight 365,43 g/mol

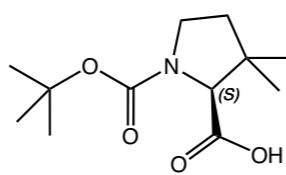


Product details

BAA2870 Boc-3,3-dmP-OH (S)

N-alpha-t-Butyloxycarbonyl-beta,beta-dimethyl-L-proline

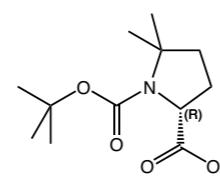
CAS-No. 174060-98-1
Formula C₁₂H₂₁NO₄
Mol. weight 243,30 g/mol



BAA2040 Boc-5,5-dmP-OH (R)

(R)-1-t-Butyloxycarbonyl-5,5-dimethylpyrrolidine-2-carboxylic acid

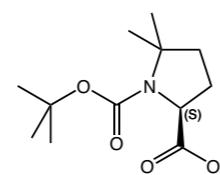
CAS-No. 1310680-32-0
Formula C₁₂H₂₁NO₄
Mol. weight 243,3 g/mol



BAA2030 Boc-5,5-dmP-OH (S)

(S)-1-t-Butyloxycarbonyl-5,5-dimethylpyrrolidine-2-carboxylic acid

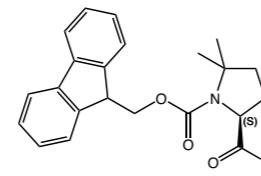
CAS-No. 943318-67-0
Formula C₁₂H₂₁NO₄
Mol. weight 243,3 g/mol



FAA3270 Fmoc-5,5-dmP-OH (S)

(S)-1-(9-Fluorenylmethoxycarbonyl)-5,5-dimethylpyrrolidine-2-carboxylic acid

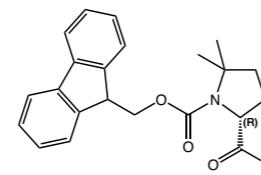
CAS-No. 1310680-23-9
Formula C₂₂H₂₃NO₄
Mol. weight 365,42 g/mol



FAA3280 Fmoc-5,5-dmP-OH (R)

(R)-1-(9-Fluorenylmethoxycarbonyl)-5,5-dimethylpyrrolidine-2-carboxylic acid

CAS-No. 1310680-45-5
Formula C₂₂H₂₃NO₄
Mol. weight 365,42 g/mol

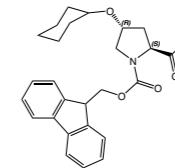


Prolines with Hydrophobic Substituents

FAA8250 Fmoc-L-Pro(4-OcHx)-OH (2S,4R)

(2S,4R)-1-(9-Fluorenylmethoxycarbonyl)-4-cyclohexyloxy-pyrrolidine-2-carboxylic acid

CAS-No. 757951-65-8
Formula C₂₆H₂₉NO₅
Mol. weight 435,52 g/mol



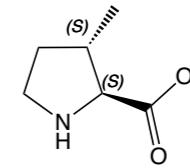
Product details



HAA1780 H-L-trans-Pro(3-Me)-OH

L-trans-3-Methylproline

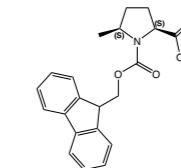
CAS-No. 10512-89-7
Formula C₆H₁₁NO₂
Mol. weight 129,16 g/mol



FAA5180 Fmoc-L-Pro(5-Me)-OH (2S,5S)

(2S,5S)-1-(9-Fluorenylmethoxycarbonyl)-5-methyl-pyrrolidine-2-carboxylic acid

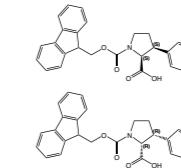
CAS-No. 1932784-54-7
Formula C₂₁H₂₁NO₄
Mol. weight 351,4 g/mol



FAA3350 Fmoc-cis-Pro(3-Ph)-OH (rac)

(2S,3S;2R,3R)-1-(9-Fluorenylmethoxycarbonyl)-3-phenyl-pyrrolidine-2-carboxylic acid

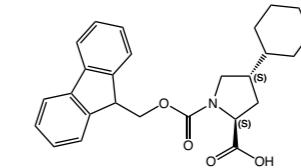
CAS-No. 181824-45-3
Formula C₂₆H₂₃NO₄
Mol. weight 413,47 g/mol



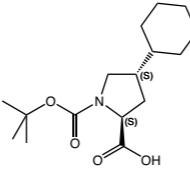
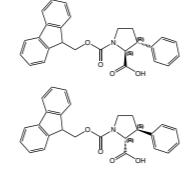
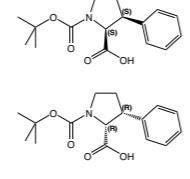
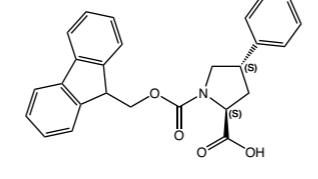
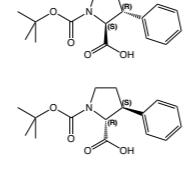
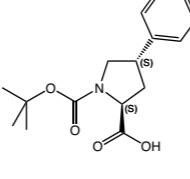
FAA3310 Fmoc-L-Pro(4-Chx)-OH (2S,4S)

(2S,4S)-1-(9-Fluorenylmethoxycarbonyl)-4-cyclohexyl-pyrrolidine-2-carboxylic acid

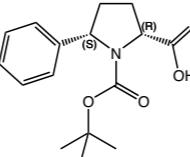
CAS-No. 467438-40-0
Formula C₂₆H₂₉NO₄
Mol. weight 419,51 g/mol



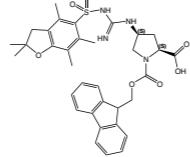
(Pseudo-)Prolines

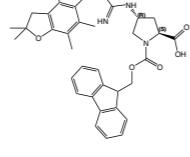
	Product details		Product details
BAA2080 Boc-L-Pro(4-Chx)-OH (2S,4S) <small>(2S,4S)-1-t-Butyloxycarbonyl-4-cyclohexyl-pyrrolidine-2-carboxylic acid</small>	CAS-No. 394734-77-1 Formula C ₁₆ H ₂₁ NO ₄ Mol. weight 297,39 g/mol	 	FAA3300 Fmoc-L-Pro(4-Ph)-OH (2S,4R) <small>(2S,4R)-1-(9-Fluorenylmethyloxycarbonyl)-4-phenyl-pyrrolidine-2-carboxylic acid</small>
FAA3355 Fmoc-trans-Pro(3-Ph)-OH (rac) <small>(2S,3R;2R,3S)-1-(9-Fluorenylmethyloxycarbonyl)-3-phenyl-pyrrolidine-2-carboxylic acid</small>	CAS-No. 1579983-87-1 Formula C ₂₆ H ₂₃ NO ₄ Mol. weight 413,47 g/mol	 	FAA4330 Fmoc-L-Pro(4-p-F-Ph)-OH (2S,4R) <small>(2S,4R)-1-(9-Fluorenylmethyloxycarbonyl)-4-(4-fluorobenzyl)-pyrrolidine-2-carboxylic acid</small>
BAA2090 Boc-cis-Pro(3-Ph)-OH (rac) <small>(2S,3S;2R,3R)-1-t-Butyloxycarbonyl-3-phenyl-pyrrolidine-2-carboxylic acid</small>	CAS-No. 210420-48-7 Formula C ₁₆ H ₂₁ NO ₄ Mol. weight 291,34 g/mol	 	BAA2070 Boc-L-Pro(4-Ph)-OH (2S,4R) <small>(2S,4R)-1-t-Butyloxycarbonyl-4-phenyl-pyrrolidine-2-carboxylic acid</small>
FAA3290 Fmoc-L-Pro(4-Ph)-OH (2S,4S) <small>(2S,4S)-1-(9-Fluorenylmethyloxycarbonyl)-4-phenyl-pyrrolidine-2-carboxylic acid</small>	CAS-No. 269078-71-9 Formula C ₂₆ H ₂₃ NO ₄ Mol. weight 413,47 g/mol	 	BAA3420 Boc-L-Pro(5-Ph)-OH (2S,5R) <small>(2S,5R)-1-t-Butyloxycarbonyl-5-phenyl-pyrrolidine-2-carboxylic acid</small>
BAA2100 Boc-trans-Pro(3-Ph)-OH (rac) <small>(2S,3R;2R,3S)-1-t-Butyloxycarbonyl-3-phenyl-pyrrolidine-2-carboxylic acid</small>	CAS-No. 149252-59-5 Formula C ₁₆ H ₂₁ NO ₄ Mol. weight 291,34 g/mol	 	FAA5170 Fmoc-D-Pro(5-Ph)-OH (2R,5S) <small>(2R,5S)-1-(9-Fluorenylmethyloxycarbonyl)-5-phenyl-pyrrolidine-2-carboxylic acid</small>
BAA2060 Boc-L-Pro(4-Ph)-OH (2S,4S) <small>(2S,4S)-1-t-Butyloxycarbonyl-4-phenyl-pyrrolidine-2-carboxylic acid</small>	CAS-No. 96314-29-3 Formula C ₁₆ H ₂₁ NO ₄ Mol. weight 291,34 g/mol	 	FAA5160 Fmoc-L-Pro(5-Ph)-OH (2S,5R) <small>(2S,4S)-1-(9-Fluorenylmethyloxycarbonyl)-4-phenyl-pyrrolidine-2-carboxylic acid</small>

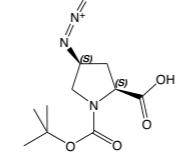
(Pseudo-)Prolines

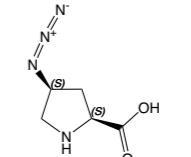
		Product details
BAA3430	Boc-D-Pro(5-Ph)-OH (2R,5S)	<p>(2R,5S)-1-t-Butyloxycarbonyl-5-phenyl-pyrrolidine-2-carboxylic acid</p> <p>CAS-No. 158706-46-8 Formula C₁₆H₂₁NO₄ Mol. weight 291,34 g/mol</p> 

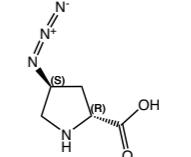
Guanidino Prolines

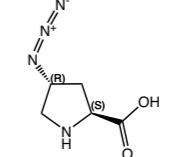
		Product details
FAA5230	Fmoc-L-Pro(4-guanidino-Pbf)-OH (2S,4S)	<p>(2S,4S)-1-(9-Fluorenylmethyloxycarbonyl)-4-(3-(2,2,4,6,7-pentamethyl-2,3-dihydrobenzofuran-5-ylsulfonyl)guanidino)pyrrolidine-2-carboxylic acid</p> <p>CAS-No. 2098497-04-0 Formula C₃₄H₃₈N₄O₂S Mol. weight 646,75 g/mol</p> 

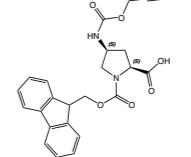
		Product details
FAA5220	Fmoc-L-Pro(4-guanidino-Pbf)-OH (2S,4R)	<p>(2S,4R)-1-(9-Fluorenylmethyloxycarbonyl)-4-(3-(2,2,4,6,7-pentamethyl-2,3-dihydrobenzofuran-5-ylsulfonyl)guanidino)pyrrolidine-2-carboxylic acid</p> <p>CAS-No. 1864002-98-1 Formula C₃₄H₃₈N₄O₂S Mol. weight 646,75 g/mol</p> 

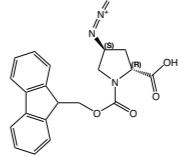
		Product details
BAA1905	Boc-L-Pro(4-N ₃)-OH (2S,4S)	<p>cis-N-alpha-(t-Butyloxycarbonyl)-4-azido-L-proline</p> <p>CAS-No. 132622-65-2 Formula C₁₀H₁₆N₄O₄ Mol. weight 256,26 g/mol</p> 

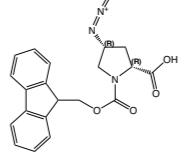
		Product details
HAA2125	H-L-Pro(4-N ₃)-OH*HCl (2S,4S)	<p>(2S,4S)-4-Azidopyrrolidine-2-carboxylic acid hydrochloride</p> <p>CAS-No. 892128-58-4 net Formula C₅H₈N₄O₂*HCl Mol. weight 156,14*36,45 g/mol</p> 

		Product details
HAA3140	H-D-Pro(4-N ₃)-OH*HCl (2R,4S)	<p>(2R,4S)-4-Azidopyrrolidine-2-carboxylic acid hydrochloride</p> <p>CAS-No. 2137086-50-9 Formula C₅H₈N₄O₂*HCl Mol. weight 156,14*36,45 g/mol</p> 

		Product details
HAA3150	H-L-Pro(4-N ₃)-OH*HCl (2S,4R)	<p>(2S,4R)-4-Azidopyrrolidine-2-carboxylic acid hydrochloride</p> <p>CAS-No. 1019849-13-8 net Formula C₅H₈N₄O₂*HCl Mol. weight 156,14*36,45 g/mol</p> 

		Product details
FAA7130	Fmoc-L-Pro(4-NHPoc)-OH (2S,4S)	<p>(2S,4S)-1-(9-Fluorenylmethyloxycarbonyl)-4-(propargyloxycarbonyl)amino-pyrrolidine-2-carboxylic acid</p> <p>CAS-No. 2451202-17-6 Formula C₂₄H₂₂N₂O₆ Mol. weight 434,44 g/mol</p> 

		Product details
FAA4630	Fmoc-D-Pro(4-N ₃)-OH (2R,4S)	<p>trans-N-alpha-(9-Fluorenylmethyloxycarbonyl)-4-azido-D-proline</p> <p>CAS-No. 2137142-63-1 Formula C₂₀H₁₈N₄O₄ Mol. weight 378,38 g/mol</p> 

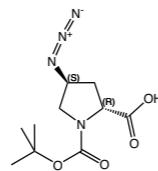
		Product details
FAA4720	Fmoc-D-Pro(4-N ₃)-OH (2R,4R)	<p>cis-N-alpha-(9-Fluorenylmethyloxycarbonyl)-4-azido-D-proline</p> <p>CAS-No. 1378847-51-8 Formula C₂₀H₁₈N₄O₄ Mol. weight 378,38 g/mol</p> 

Product details

BAA3110 Boc-D-Pro(4-N₃)-OH*DCHA (2R,4S)

trans-N-alpha-(*t*-Butyloxycarbonyl)-4-azido-D-proline
dicyclohexylamine

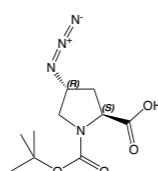
CAS-No. 132622-77-6 net
Formula C₁₀H₁₆N₄O₄*C₁₂H₂₃N
Mol. weight 256,26*181,32 g/mol



BAA1930 Boc-L-Pro(4-N₃)-OH*DCHA (2S,4R)

trans-N-alpha-(*t*-Butyloxycarbonyl)-4-azido-L-proline
dicyclohexylamine

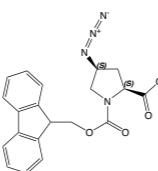
CAS-No. 132622-68-5 net
Formula C₁₀H₁₆N₄O₄*C₁₂H₂₃N
Mol. weight 256,26*181,32 g/mol



FAA2050 Fmoc-L-Pro(4-N₃)-OH (2S,4S)

cis-N-alpha-(9-Fluorenylmethyloxycarbonyl)-4-azi-
do-L-proline

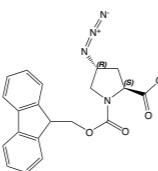
CAS-No. 263847-08-1
Formula C₂₀H₁₈N₄O₄
Mol. weight 378,38 g/mol



FAA3000 Fmoc-L-Pro(4-N₃)-OH (2S,4R)

trans-N-alpha-(9-Fluorenylmethyloxycarbonyl)-4-azi-
do-L-proline

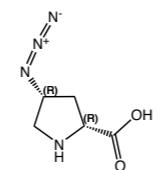
CAS-No. 702679-55-8
Formula C₂₀H₁₈N₄O₄
Mol. weight 378,38 g/mol



HAA3190 H-D-Pro(4-N₃)-OH*HCl (2R,4R)

(2R,4R)-4-Azidopyrrolidine-2-carboxylic acid hydrochloride

CAS-No. 2737202-69-4
Formula C₅H₈N₄O₂*HCl
Mol. weight 156,14*36,45 g/mol

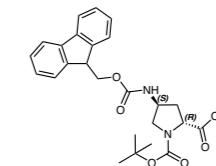


Aminoprolines

BAA4570 Boc-D-Pro(4-NHFmoc)-OH (2R,4S)

(2R,4S)-N-alpha-*t*-Butyloxycarbonyl-4-(9-fluorenyl-
methyloxycarbonyl)amino-D-proline

CAS-No. 1018332-23-4
Formula C₂₅H₂₈N₂O₆
Mol. weight 452,51 g/mol



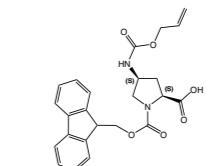
Product details



FAA3175 Fmoc-L-Pro(4-NH-Alloc)-OH (2S,4S)

(2S,4S)-4-Allyloxycarbonylamino-1-(9-fluorenylmethy-
loxy carbonyl)-pyrrolidine-2-carboxylic acid

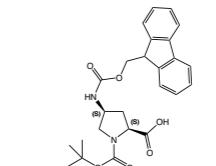
CAS-No. 274676-10-7
Formula C₂₄H₂₄N₂O₆
Mol. weight 436,46 g/mol



FAA3240 Boc-L-Pro(4-NHFmoc)-OH (2S,4S)

(2S,4S)-4-(9-Fluorenylmethyloxycarbonyl)ami-
no-1-(*t*-butyloxycarbonyl)-pyrrolidine-2-carboxylic acid

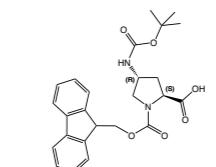
CAS-No. 174148-03-9
Formula C₂₅H₂₈N₂O₆
Mol. weight 452,5 g/mol



FAA3205 Fmoc-L-Pro(4-NHBoc)-OH (2S,4R)

(2S,4R)-4-(*t*-Butyloxycarbonyl)amino-1-(9-fluorenyl-
methyloxycarbonyl)-pyrrolidine-2-carboxylic acid

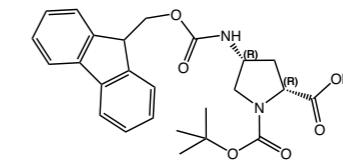
CAS-No. 273222-06-3
Formula C₂₅H₂₈N₂O₆
Mol. weight 452,5 g/mol

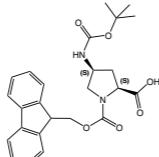
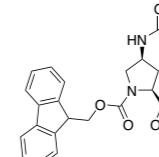
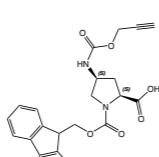
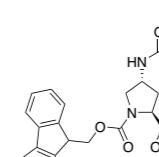
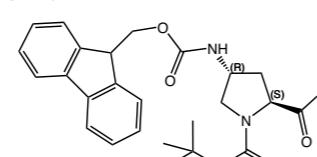
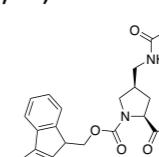
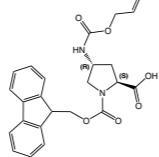
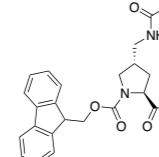
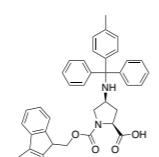
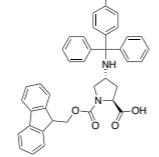
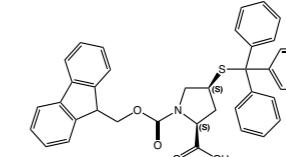


BAA3690 Boc-D-Pro(4-NHFmoc)-OH (2R,4R)

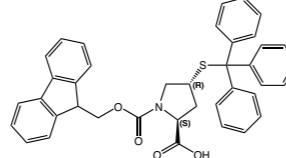
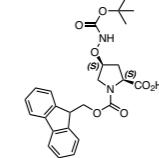
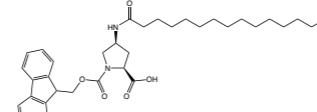
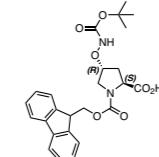
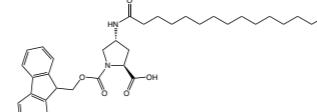
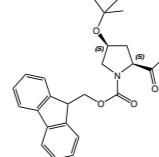
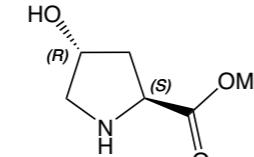
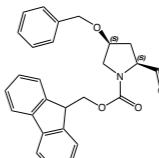
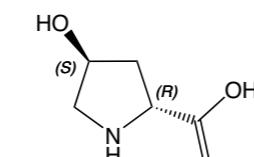
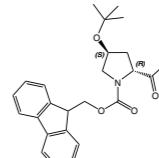
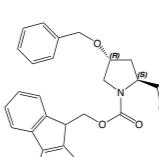
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CAS-No. 1018332-24-5
Formula C₂₅H₂₈N₂O₆
Mol. weight 452,5 g/mol

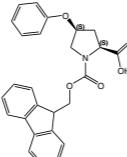
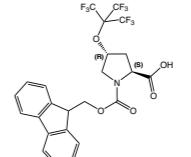
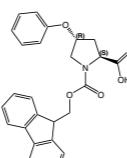
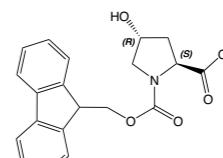
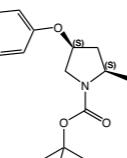
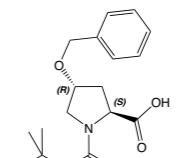
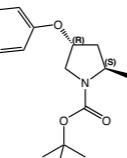
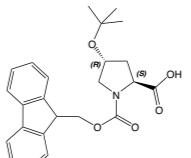
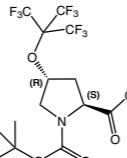
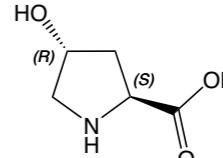
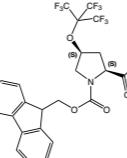
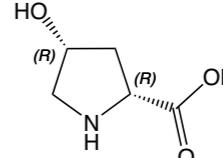


	Product details		Product details	
FAA3210 Fmoc-L-Pro(4-NHBoc)-OH (2S,4S)	<p>(2S,4S)-4-(t-Butyloxycarbonyl)amino-1-(9-fluorenylmethyloxycarbonyl)-pyrrolidine-2-carboxylic acid</p> <p>CAS-No. 221352-74-5 Formula C₂₅H₂₈N₂O₆ Mol. weight 452,5 g/mol</p> 		<p>FAA8940 Fmoc-L-Pro(4-NH-TFA)-OH (2S,4S)</p> <p>(2S,4S)-1-((9H-fluoren-9-yl)methoxy)carbonyl-4-(2,2,2-trifluoroacetamido)pyrrolidine-2-carboxylic acid</p> <p>Formula C₂₂H₁₉F₃N₂O₅ Mol. weight 448,40 g/mol</p> 	
FAA7130 Fmoc-L-Pro(4-NHPoc)-OH (2S,4S)	<p>(2S,4S)-1-(9-Fluorenylmethyloxycarbonyl)-4-(propargyloxycarbonyl)amino-pyrrolidine-2-carboxylic acid</p> <p>CAS-No. 2451202-17-6 Formula C₂₄H₂₂N₂O₆ Mol. weight 434,44 g/mol</p> 		<p>FAA8950 Fmoc-L-Pro(4-NH-TFA)-OH (2S,4R)</p> <p>(2S,4R)-1-((9H-fluoren-9-yl)methoxy)carbonyl-4-(2,2,2-trifluoroacetamido)pyrrolidine-2-carboxylic acid</p> <p>CAS-No. 1061737-21-0 Formula C₂₂H₁₉F₃N₂O₅ Mol. weight 448,40 g/mol</p> 	
BAA1783 Boc-L-Pro(4-NHFmoc)-OH (2S,4R)	<p>(2S,4R)-trans-N-alpha-t-Butyloxycarbonyl-4-(9-fluorenylmethyloxycarbonyl)amino-L-proline</p> <p>CAS-No. 176486-63-8 Formula C₂₅H₂₈N₂O₆ Mol. weight 452,5 g/mol</p> 		<p>FAA8960 Fmoc-L-Pro(4-CH₂NH-Boc)-OH (2S,4R)</p> <p>(2S,4R)-1-((9H-fluoren-9-yl)methoxy)carbonyl-4-((tert-butoxycarbonyl)amino)methyl)pyrrolidine-2-carboxylic acid</p> <p>Formula C₂₆H₃₀N₂O₆ Mol. weight 446,53 g/mol</p> 	
FAA4640 Fmoc-L-Pro(4-NH-Alloc)-OH (2S,4R)	<p>(2S,4R)-4-Allyloxycarbonylamino-1-(9-fluorenylmethyloxycarbonyl)-pyrrolidine-2-carboxylic acid</p> <p>CAS-No. 273222-05-2 Formula C₂₄H₂₄N₂O₆ Mol. weight 436,46 g/mol</p> 		<p>FAA8970 Fmoc-L-Pro(4-CH₂NH-Boc)-OH (2S,4S)</p> <p>(2S,4S)-1-((9H-fluoren-9-yl)methoxy)carbonyl-4-((tert-butoxycarbonyl)amino)methyl)pyrrolidine-2-carboxylic acid</p> <p>CAS-No. 273222-00-7 Formula C₂₆H₃₀N₂O₆ Mol. weight 446,53 g/mol</p> 	
FAA8920 Fmoc-L-Pro(4-NH-Mtt)-OH (2S,4S)	<p>(2S,4S)-1-((9H-fluoren-9-yl)methoxy)carbonyl)-4-((diphenyl(p-tolyl)methyl)amino)pyrrolidine-2-carboxylic acid</p> <p>Formula C₄₀H₃₆N₂O₄ Mol. weight 608,74 g/mol</p> 		<p>Mercaptoprolines</p>	
FAA8930 Fmoc-L-Pro(4-NH-Mtt)-OH (2S,4R)	<p>(2S,4R)-1-((9H-fluoren-9-yl)methoxy)carbonyl)-4-((diphenyl(p-tolyl)methyl)amino)pyrrolidine-2-carboxylic acid</p> <p>CAS-No. 1061737-21-0 Formula C₄₀H₃₆N₂O₄ Mol. weight 608,74 g/mol</p> 		<p>FAA3320 Fmoc-L-Pro(4-STrt)-OH (2S,4S)</p> <p>(2S,4S)-1-(9-Fluorenylmethyloxycarbonyl)-4-tritylmercapto-pyrrolidine-2-carboxylic acid</p> <p>CAS-No. 929101-56-4 Formula C₃₉H₃₃NO₄S Mol. weight 611,75 g/mol</p> 	

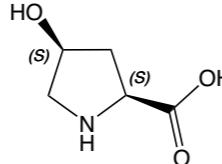
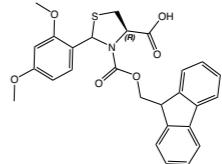
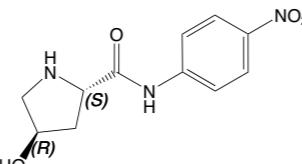
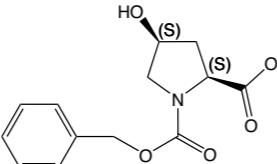
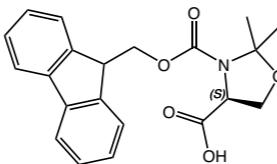
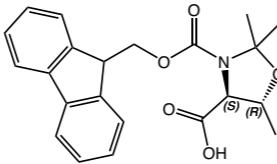
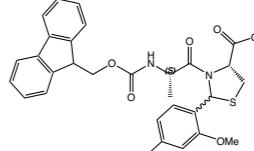
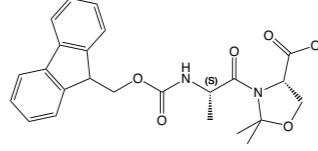
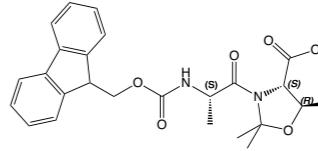
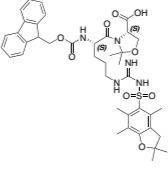
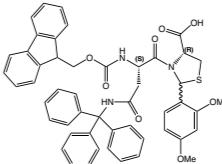
(Pseudo-)Prolines

	Product details		Product details
FAA3330 Fmoc-L-Pro(4-STrt)-OH (2S,4R) (2S,4R)-1-(9-Fluorenylmethyloxycarbonyl)-4-tritylmercapto-pyrrolidine-2-carboxylic acid CAS-No. 281655-34-3 Formula C ₃₉ H ₅₃ NO ₄ S Mol. weight 611,75 g/mol	 	FAA8460 Fmoc-L-cis-Hyp(NHBoc)-OH Fmoc-4-(Boc-amino)oxy-proline (2S,4S) CAS-No. 1015426-31-9 Formula C ₂₅ H ₂₈ N ₂ O ₇ Mol. weight 468,50 g/mol	 
FAA8895 Fmoc-L-Pro(4-NH-Pal)-OH (2S,4S) (2S,4S)-1(((9H-fluoren-9-yl)methoxy)carbonyl)-4-palmitamidopyrrolidine-2-carboxylic acid CAS-No. 458547-19-8 Formula C ₃₆ H ₅₀ N ₂ O ₅ Mol. weight 590,81 g/mol	 	FAA8455 Fmoc-L-trans-Hyp(NHBoc)-OH Fmoc-4-(Boc-amino)oxy-proline (2S,4R) CAS-No. 1015426-45-5 Formula C ₂₅ H ₂₈ N ₂ O ₇ Mol. weight 468,50 g/mol	 
FAA8900 Fmoc-L-Pro(4-NH-Pal)-OH (2S,4R) (2S,4R)-1(((9H-fluoren-9-yl)methoxy)carbonyl)-4-palmitamidopyrrolidine-2-carboxylic acid Formula C ₃₆ H ₅₀ N ₂ O ₅ Mol. weight 590,81 g/mol	 	FAA8155 Fmoc-L-cis-Hyp(tBu)-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-t-butyl-cis-L-hydroxyproline CAS-No. 464193-92-8 Formula C ₂₄ H ₂₇ NO ₅ Mol. weight 409,46 g/mol	 
Hydroxyprolines	Product details		
HAA1091 H-L-trans-Hyp-OMe*HCl trans-L-Hydroxyproline methyl ester hydrochloride CAS-No. 40216-83-9 Formula C ₆ H ₁₁ NO ₃ *HCl Mol. weight 181,62 g/mol	 	FAA7160 Fmoc-L-cis-Hyp(Bzl)-OH (2S,4S)-N-alpha-(9-Fluorenylmethyloxycarbonyl)-4-oxybenzyl-L-proline CAS-No. 1334671-64-5 Formula C ₂₇ H ₂₅ NO ₅ Mol. weight 443,49 g/mol	 
HAA1169 H-D-trans-Hyp-OH trans-D-Hydroxyproline CAS-No. 3398-22-9 Formula C ₅ H ₉ NO ₃ Mol. weight 131,13 g/mol	 	FAA8740 Fmoc-D-trans-Hyp(tBu)-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-t-butyl-trans-D-hydroxyproline CAS-No. 268729-12-0 Formula C ₂₄ H ₂₇ NO ₅ Mol. weight 409,48 g/mol	 
	Product details		
		FAA1790 Fmoc-L-trans-Hyp(Bzl)-OH (2S,4R)-N-alpha-(9-Fluorenylmethyloxycarbonyl)-4-oxybenzyl-L-proline CAS-No. 174800-02-3 Formula C ₂₇ H ₂₅ NO ₅ Mol. weight 443,49 g/mol	 

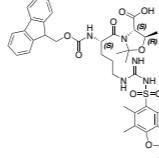
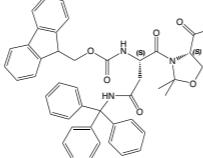
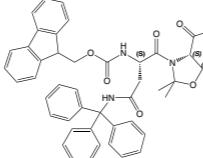
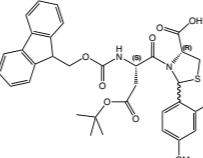
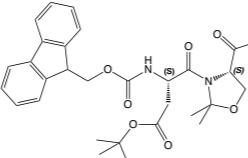
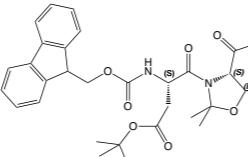
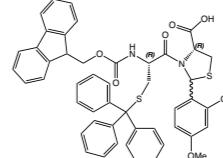
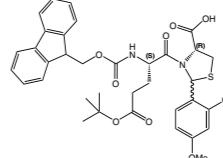
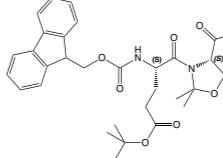
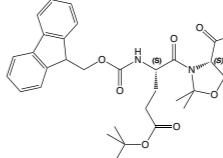
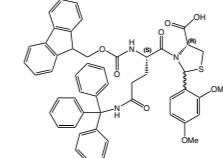
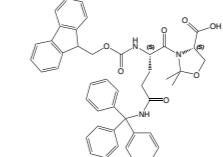
(Pseudo-)Prolines

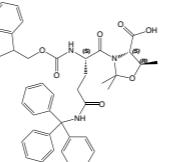
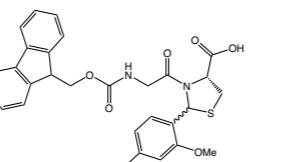
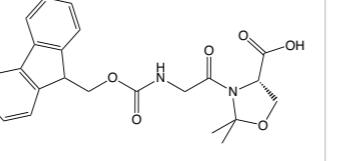
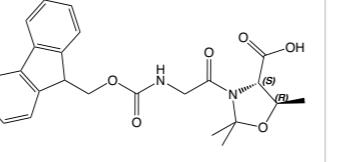
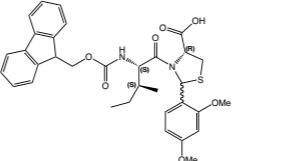
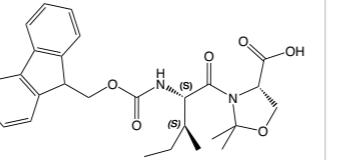
Product details		Product details			
FAA5200 Fmoc-L-cis-Hyp(Ph)-OH (2S,4S)-1-(9-Fluorenylmethyloxycarbonyl)-4-phenoxy-pyrrolidine-2-carboxylic acid CAS-No. 1260617-48-8 Formula C ₂₆ H ₂₃ NO ₅ Mol. weight 429,46 g/mol			FAA4560 Fmoc-L-trans-Hyp(Nfb)-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-(nonafluoro-t-butyl)-trans-L-hydroxyproline CAS-No. 1622172-75-1 Formula C ₂₄ H ₁₈ F ₉ NO ₅ Mol. weight 571,39 g/mol		
FAA5210 Fmoc-L-trans-Hyp(Ph)-OH (2S,4R)-1-(9-Fluorenylmethyloxycarbonyl)-4-phenoxy-pyrrolidine-2-carboxylic acid CAS-No. 1313390-76-9 Formula C ₂₆ H ₂₃ NO ₅ Mol. weight 429,46 g/mol			FAA1581 Fmoc-L-trans-Hyp-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-trans-L-hydroxyproline CAS-No. 88050-17-3 Formula C ₂₀ H ₁₉ NO ₅ Mol. weight 353,38 g/mol		
BAA3450 Boc-L-cis-Hyp(Ph)-OH (2S,4S)-1-t-Butyloxycarbonyl-4-phenoxy-pyrrolidine-2-carboxylic acid CAS-No. 147266-79-3 Formula C ₁₆ H ₂₁ NO ₅ Mol. weight 307,34 g/mol			BAA1404 Boc-L-trans-Hyp(Bzl)-OH N-alpha-t-Butyloxycarbonyl-4-O-benzyl-trans-L-hydroxyproline CAS-No. 54631-81-1 Formula C ₁₇ H ₂₃ NO ₅ Mol. weight 321,36 g/mol		
BAA3460 Boc-L-trans-Hyp(Ph)-OH (2S,4R)-1-t-Butyloxycarbonyl-4-phenoxy-pyrrolidine-2-carboxylic acid CAS-No. 147267-15-0 Formula C ₁₆ H ₂₁ NO ₅ Mol. weight 307,34 g/mol			FAA1627 Fmoc-L-trans-Hyp(tBu)-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-t-butyl-trans-L-hydroxyproline CAS-No. 122996-47-8 Formula C ₂₄ H ₂₇ NO ₅ Mol. weight 409,46 g/mol		
BAA3050 Boc-L-trans-Hyp(Nfb)-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-t-butyl-trans-L-hydroxyproline CAS-No. 1622989-55-2 Formula C ₁₄ H ₁₆ F ₉ NO ₅ Mol. weight 449,27 g/mol			HAA1159 H-L-trans-Hyp-OH <i>trans</i> -L-Hydroxyproline CAS-No. 51-35-4 Formula C ₅ H ₉ NO ₃ Mol. weight 131,13 g/mol		
FAA4550 Fmoc-L-cis-Hyp(Nfb)-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-(nonafluoro-t-butyl)-cis-L-hydroxyproline CAS-No. 1610605-22-5 Formula C ₂₄ H ₁₈ F ₉ NO ₅ Mol. weight 571,39 g/mol			HAA1171 H-D-cis-Hyp-OH D-cis-Hydroxyproline CAS-No. 2584-71-6 Formula C ₅ H ₉ NO ₃ Mol. weight 131,13 g/mol		

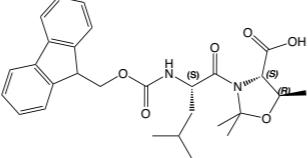
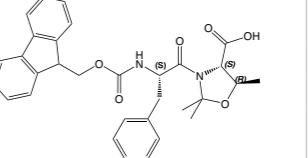
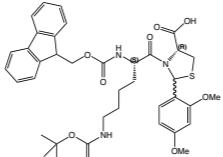
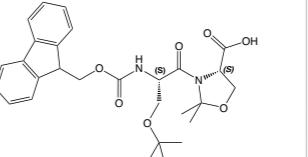
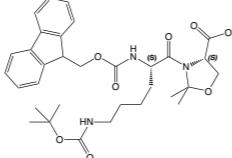
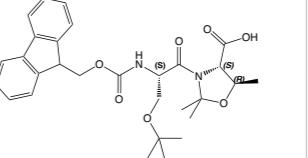
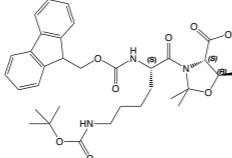
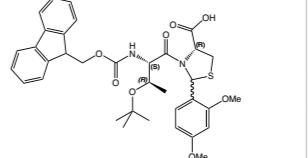
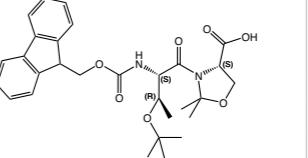
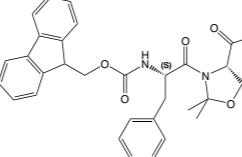
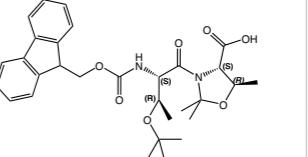
(Pseudo-)Prolines

	Product details	
HAA1172 H-L-cis-Hyp-OH L-cis-Hydroxyproline CAS-No. 618-27-9 Formula C ₅ H ₉ NO ₃ Mol. weight 131,13 g/mol	 	Product details
FAA9200 Fmoc-L-Thz(Dmp)-OH (4R)-3-((9H-fluoren-9-yl)methoxy)carbonyl-2-(2,4-di-methoxyphenyl)thiazolidine-4-carboxylic acid CAS-No. 2648642-22-0 Formula C ₂₇ H ₂₅ NO ₆ S Mol. weight 491,56 g/mol	 	Product details
HAA1180 H-L-trans-Hyp-pNA*HCl trans-L-Hydroxyproline p-nitroanilide hydrochloride CAS-No. 1272755-15-3 Formula C ₁₁ H ₁₃ N ₃ O ₄ *HCl Mol. weight 251,24*36,45 g/mol	 	Product details
ZAA1179 Z-L-cis-Hyp-OH cis-N-alpha-Benzyloxycarbonyl-L-hydroxyproline CAS-No. 13504-86-4 Formula C ₁₃ H ₁₅ NO ₅ Mol. weight 265,27 g/mol	 	Product details
	Product details	
Pseudoprolines		
FAA8590 Fmoc-L-Ser[Psi(Me,Me)Pro]-OH (S)-3-(N-alpha-(9-Fluorenylmethoxycarbonyl)-2,2-di-methoxyazolidine-4-carboxylic acid CAS-No. 1201651-31-1 Formula C ₂₁ H ₂₂ NO ₅ Mol. weight 367,40 g/mol	 	Product details
FAA8695 Fmoc-L-Thr[Psi(Me,Me)Pro]-OH (4S,5R)-N-alpha-(9-Fluorenylmethoxycarbo-nyl)-2,2,5-trimethyl-1,3-oxazolidine-4-carboxylic acid CAS-No. 2023823-19-8 Formula C ₂₂ H ₂₃ NO ₅ Mol. weight 381,43 g/mol	 	Product details
PSI1450 Fmoc-L-Ala-L-Cys[PSI(Dmp,H)pro]-OH (S)-3-(N-(9-Fluorenylmethoxycarbonyl)-L-alanyl)-2-(2,4-dimethoxyphenyl)thiazolidine-4-carboxylic acid CAS-No. 2022956-37-0 Formula C ₃₀ H ₃₀ N ₂ O ₈ S Mol. weight 562,63 g/mol	 	Product details
PSI1000 Fmoc-L-Ala-L-Ser[PSI(Me,Me)Pro]-OH (S)-3-(N-(9-Fluorenylmethoxycarbonyl)-L-alanyl)-2,2-dimethoxyazolidine-4-carboxylic acid CAS-No. 252554-78-2 Formula C ₂₄ H ₂₆ N ₂ O ₆ Mol. weight 438,47 g/mol	 	Product details
PSI1140 Fmoc-L-Ala-L-Thr[PSI(Me,Me)Pro]-OH (4S,5R)-3-(N-(9-Fluorenylmethoxycarbonyl)-L-alanyl)-2,25-trimethoxyazolidine-4-carboxylic acid CAS-No. 252554-79-3 Formula C ₂₅ H ₂₈ N ₂ O ₆ Mol. weight 452,5 g/mol	 	Product details
PSI1590 Fmoc-L-Arg(Pbf)-L-Ser[PSI(Me,Me)Pro]-OH (S)-3-(N-alpha-(9-Fluorenylmethoxycarbo-nyl)-N'-2,2,4,6,7-pentamethyldihydrobenzofuran-5-sulfonyl-L-arginyl)-2,2-dimethoxyazolidine-4-carboxylic acid CAS-No. 2108145-17-9 Formula C ₄₀ H ₄₉ N ₅ O ₈ S Mol. weight 775,91 g/mol	 	Product details
PSI1460 Fmoc-L-Asn(Trt)-L-Cys[PSI(Dmp,H)pro]-OH (S)-3-(N-(9-Fluorenylmethoxycarbonyl)-beta-trityl-L-asparaginyl)-2-(2,4-dimethoxyphenyl)thiazolidine-4-carboxylic acid Formula C ₅₀ H ₄₅ N ₃ O ₈ S Mol. weight 847,97 g/mol	 	Product details

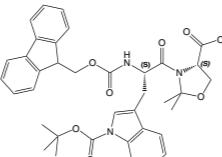
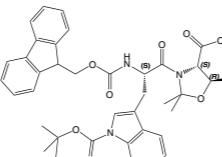
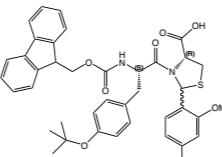
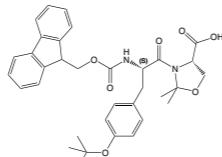
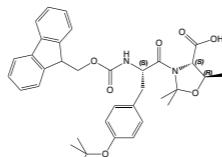
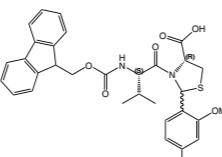
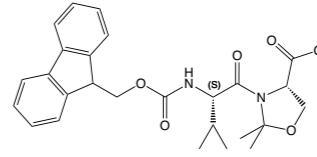
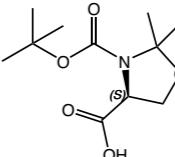
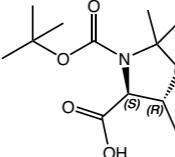
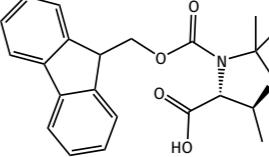
(Pseudo-)Prolines

		Product details		
PSI1600	Fmoc-L-Arg(Pbf)-L-Thr[PSI(Me,Me)Pro]-OH	 (4S,5R)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-N'-2,2,4,6,7-pentamethylidihydrobenzofuran-5-sulfonyl-L-arginyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid Formula C ₄₁ H ₅₁ N ₅ O ₉ S Mol. weight 789,94 g/mol		Product details
PSI1080	Fmoc-L-Asn(Trt)-L-Ser[PSI(Me,Me)Pro]-OH	 (S)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-beta-trityl-L-asparaginyl)-2,2-dimethyloxazolidine-4-carboxylic acid CAS-No. 920519-33-1 Formula C ₄₄ H ₄₄ N ₃ O ₇ Mol. weight 723,81 g/mol		Product details
PSI1220	Fmoc-L-Asn(Trt)-L-Thr[PSI(Me,Me)Pro]-OH	 (4S,5R)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-beta-trityl-L-asparaginyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid CAS-No. 957780-59-5 Formula C ₄₅ H ₄₃ N ₃ O ₇ Mol. weight 737,84 g/mol		Product details
PSI1470	Fmoc-L-Asp(tBu)-L-Cys[PSI(Dmp,H)pro]-OH	 (S)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-beta-t-butyl-L-aspartyl)-2-(2,4-dimethoxyphenyl)thiazolidine-4-carboxylic acid CAS-No. 1359754-16-7 Formula C ₃₅ H ₃₉ N ₂ O ₉ S Mol. weight 662,75 g/mol		Product details
PSI1010	Fmoc-L-Asp(OtBu)-L-Ser[PSI(Me,Me)Pro]-OH	 (S)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-aspartyl-t-butyl ester)-2,2-dimethyloxazolidine-4-carboxylic acid CAS-No. 955048-92-7 Formula C ₂₉ H ₃₄ N ₂ O ₈ Mol. weight 538,59 g/mol		Product details
PSI1150	Fmoc-L-Asp(tBu)-L-Thr[PSI(Me,Me)Pro]-OH	 (4S,5R)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-aspartyl-t-butyl ester)-2,2,5-trimethyloxazolidine-4-carboxylic acid CAS-No. 920519-32-0 Formula C ₃₀ H ₃₆ N ₂ O ₈ Mol. weight 552,62 g/mol		Product details
PSI1580	Fmoc-L-Cys(Trt)-L-Cys(Psi(Dmp,H)pro)-OH	 (R)-3-(N-(9-Fluorenylmethyloxycarbonyl)-S-trityl-L-cysteinyl)-2-(2,4-dimethoxyphenyl)thiazolidine-4-carboxylic acid CAS-No. 2022956-75-6 Formula C ₄₉ H ₄₄ N ₂ O ₈ S ₂ Mol. weight 837,01 g/mol		Product details
PSI1490	Fmoc-L-Glu(tBu)-L-Cys[PSI(Dmp,H)pro]-OH	 (S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-gamma-t-butyl-L-glutamyl)-2-(2,4-dimethoxyphenyl)thiazolidine-4-carboxylic acid Formula C ₃₆ H ₄₀ N ₂ O ₈ S Mol. weight 676,78 g/mol		Product details
PSI1090	Fmoc-L-Glu(tBu)-L-Ser[PSI(Me,Me)Pro]-OH	 (S)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-glutamyl-t-butyl ester)-2,2-dimethyloxazolidine-4-carboxylic acid CAS-No. 909115-33-9 Formula C ₃₀ H ₃₆ N ₂ O ₈ Mol. weight 552,62 g/mol		Product details
PSI1230	Fmoc-L-Glu(tBu)-L-Thr[PSI(Me,Me)Pro]-OH	 (4S,5R)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-glutamyl-t-butyl ester)-2,2,5-trimethyloxazolidine-4-carboxylic acid CAS-No. 957780-56-2 Formula C ₃₁ H ₃₈ N ₂ O ₈ Mol. weight 566,64 g/mol		Product details
PSI1480	Fmoc-L-Gln(Trt)-L-Cys[PSI(Dmp,H)pro]-OH	 (S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-gamma-trityl-L-glutamyl)-2-(2,4-dimethoxyphenyl)thiazolidine-4-carboxylic acid Formula C ₅₁ H ₄₇ N ₃ O ₈ S Mol. weight 862,00 g/mol		Product details
PSI1020	Fmoc-L-Gln(Trt)-L-Ser[PSI(Me,Me)Pro]-OH	 (S)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-gamma-trityl-L-glutamyl)-2,2-dimethyloxazolidine-4-carboxylic acid CAS-No. 1821378-64-6 Formula C ₄₅ H ₄₃ N ₃ O ₇ Mol. weight 737,84 g/mol		Product details

		Product details		Product details
PSI1160	Fmoc-L-Gln(Trt)-L-Thr[PSI(Me,Me)Pro]-OH (4S,5R)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-gamma-trityl-L-glutamyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid CAS-No. 1572725-72-4 Formula C ₄₆ H ₄₅ N ₃ O ₇ Mol. weight 751,87 g/mol	 	PSI1610	Fmoc-L-Met-L-Thr[PSI(Me,Me)Pro]-OH (4S,5R)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-methionyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid CAS-No. 1451181-13-7 Formula C ₂₇ H ₃₂ N ₂ O ₆ S Mol. weight 512,62 g/mol
PSI1440	Fmoc-Gly-L-Cys[PSI(Dmp,H)pro]-OH (S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-glycyl)-2-(2,4-dimethoxyphenyl)thiazolidine-4-carboxylic acid CAS-No. 1926163-05-4 Formula C ₂₉ H ₂₈ N ₂ O ₇ S Mol. weight 548,61 g/mol	 	PSI1620	Fmoc-L-Met-L-Ser[PSI(Me,Me)Pro]-OH (S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-methionyl)-2,2-dimethyloxazolidine-4-carboxylic acid Formula C ₂₆ H ₃₀ N ₂ O ₆ S Mol. weight 498,59 g/mol
PSI1040	Fmoc-Gly-L-Ser[PSI(Me,Me)Pro]-OH (S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-glycyl)-2,2-dimethyloxazolidine-4-carboxylic acid CAS-No. 1095952-22-9 Formula C ₂₃ H ₂₄ N ₂ O ₆ Mol. weight 424,45 g/mol	 	PSI1250	Fmoc-L-Val-L-Thr[PSI(Me,Me)Pro]-OH (4S,5R)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-valinyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid CAS-No. 168216-05-5 Formula C ₂₇ H ₃₂ N ₂ O ₆ Mol. weight 480,55 g/mol
PSI1180	Fmoc-Gly-L-Thr[PSI(Me,Me)Pro]-OH (4S,5R)-3-(N-(9-Fluorenylmethyloxycarbonyl)-glycyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid CAS-No. 1262308-49-5 Formula C ₂₄ H ₂₆ N ₂ O ₆ Mol. weight 438,47 g/mol	 	PSI1190	Fmoc-L-Ile-L-Thr[PSI(Me,Me)Pro]-OH (4S,5R)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-isoleucinyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid CAS-No. 957780-52-8 Formula C ₂₈ H ₃₄ N ₂ O ₆ Mol. weight 494,58 g/mol
PSI1500	Fmoc-L-Ile-L-Cys[PSI(Dmp,H)pro]-OH (S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-isoleucyl)-2-(2,4-dimethoxyphenyl)thiazolidine-4-carboxylic acid Formula C ₃₃ H ₃₆ N ₂ O ₇ S Mol. weight 604,71 g/mol	 	PSI1510	Fmoc-L-Leu-L-Thr[PSI(Me,Me)Pro]-OH (S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-leucyl)-2-(2,4-dimethoxyphenyl)thiazolidine-4-carboxylic acid CAS-No. 1926163-06-5 Formula C ₃₃ H ₃₆ N ₂ O ₇ S Mol. weight 604,71 g/mol
PSI1050	Fmoc-L-Ile-L-Ser[PSI(Me,Me)Pro]-OH (S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-isoleucyl)-2,2-dimethyloxazolidine-4-carboxylic acid CAS-No. 1147996-34-6 Formula C ₂₇ H ₃₂ N ₂ O ₆ Mol. weight 480,55 g/mol	 	PSI1070	Fmoc-L-Leu-L-Ser[PSI(Me,Me)Pro]-OH (S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-leucyl)-2,2-dimethyloxazolidine-4-carboxylic acid CAS-No. 339531-50-9 Formula C ₂₇ H ₃₂ N ₂ O ₆ Mol. weight 480,55 g/mol

		Product details	
PSI1210	Fmoc-L-Leu-L-Thr[PSI(Me,Me)Pro]-OH (4S,5R)-3-(N-(9-Fluorenylmethoxycarbonyl)-L-leucinyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid	 CAS-No. 955048-89-2 Formula C ₂₈ H ₃₄ N ₂ O ₆ Mol. weight 494,58 g/mol	
PSI1170	Fmoc-L-Phe-L-Thr[PSI(Me,Me)Pro]-OH (4S,5R)-3-(N-(9-Fluorenylmethoxycarbonyl)-L-phenylalaninyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid	 CAS-No. 1196703-48-6 Formula C ₃₁ H ₃₂ N ₂ O ₆ Mol. weight 528,6 g/mol	
PSI1520	Fmoc-L-Lys(Boc)-L-Cys[PSI(Dmp,H)pro]-OH (S)-3-(N-(9-Fluorenylmethoxycarbonyl)-N-epsilon-t-butylmethoxycarbonyl-L-lysyl)-2-(2,4-dimethoxyphenyl)thiazolidine-4-carboxylic acid	 CAS-No. 1926163-07-6 Formula C ₃₈ H ₄₅ N ₃ O ₈ S Mol. weight 719,84 g/mol	
PSI1100	Fmoc-L-Ser(tBu)-L-Ser[PSI(Me,Me)Pro]-OH (S)-3-(N-alpha-(9-Fluorenylmethoxycarbonyl)-O-t-butyloxycarbonyl-L-serinyl)-2,2-dimethyloxazolidine-4-carboxylic acid	 CAS-No. 1000164-43-1 Formula C ₂₈ H ₃₄ N ₂ O ₇ Mol. weight 510,58 g/mol	
PSI1060	Fmoc-L-Lys(Boc)-L-Ser[PSI(Me,Me)Pro]-OH (S)-3-(N-alpha-(9-Fluorenylmethoxycarbonyl)-N-epsilon-t-butylmethoxycarbonyl-L-lysyl)-2,2-dimethyloxazolidine-4-carboxylic acid	 CAS-No. 957780-54-0 Formula C ₃₂ H ₄₁ N ₃ O ₈ Mol. weight 595,68 g/mol	
PSI1240	Fmoc-L-Ser(tBu)-L-Thr[PSI(Me,Me)Pro]-OH (4S,5R)-3-(N-alpha-(9-Fluorenylmethoxycarbonyl)-O-t-butyloxycarbonyl-L-threonyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid	 CAS-No. 1266350-99-5 Formula C ₂₉ H ₃₆ N ₂ O ₇ Mol. weight 524,61 g/mol	
PSI1200	Fmoc-L-Lys(Boc)-L-Thr[PSI(Me,Me)Pro]-OH (4S,5R)-3-(N-alpha-(9-Fluorenylmethoxycarbonyl)-N-epsilon-t-butylmethoxycarbonyl-L-lysyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid	 CAS-No. 911838-56-7 Formula C ₃₃ H ₄₃ N ₃ O ₈ Mol. weight 609,71 g/mol	
PSI1550	Fmoc-L-Thr(tBu)-L-Cys[PSI(Dmp,H)pro]-OH (S)-3-(N-(9-Fluorenylmethoxycarbonyl)-O-t-butyloxycarbonyl-L-threonyl)-2-(2,4-dimethoxyphenyl)thiazolidine-4-carboxylic acid	 Formula C ₃₅ H ₄₀ N ₂ O ₈ S Mol. weight 648,77 g/mol	
PSI1430	Fmoc-Thr(tBu)-Ser(Psi(Me,Me)pro)-OH (S)-3-(N-alpha-(9-Fluorenylmethoxycarbonyl)-O-t-butyloxycarbonyl-L-threonyl)-2,2-dimethyloxazolidine-4-carboxylic acid	 CAS-No. 1425938-63-1 Formula C ₂₉ H ₃₆ N ₂ O ₇ Mol. weight 524,61 g/mol	
PSI1030	Fmoc-L-Phe-L-Ser[PSI(Me,Me)Pro]-OH (S)-3-(N-(9-Fluorenylmethoxycarbonyl)-L-phenylalanyl)-2,2-dimethyloxazolidine-4-carboxylic acid	 CAS-No. 878797-01-4 Formula C ₃₀ H ₃₀ N ₂ O ₆ Mol. weight 514,57 g/mol	
PSI1420	Fmoc-L-Thr(tBu)-L-Thr[PSI(Me,Me)Pro]-OH (4S,5R)-3-(N-alpha-(9-Fluorenylmethoxycarbonyl)-O-t-butyloxycarbonyl-L-threonine)-2,2,5-trimethyloxazolidine-4-carboxylic acid	 CAS-No. 1676104-73-6 Formula C ₃₀ H ₃₈ N ₂ O ₇ Mol. weight 538,63 g/mol	

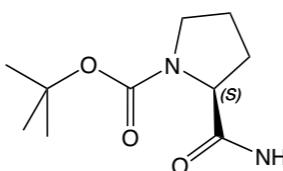
(Pseudo-)Prolines

		Product details	
PSI1120	Fmoc-L-Trp(Boc)-L-Ser[PSI(Me,Me)Pro]-OH (S)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-im-t-butyloxycarbonyl-L-tryptophanyl)-2,2-dimethyloxazolidine-4-carboxylic acid CAS-No. 908601-15-0 Formula C ₃₇ H ₃₉ N ₃ O ₈ Mol. weight 653,72 g/mol		
PSI1260	Fmoc-L-Trp(Boc)-L-Thr[PSI(Me,Me)Pro]-OH (4S,5R)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-im-t-butyloxycarbonyl-L-tryptophanyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid CAS-No. 936707-21-0 Formula C ₃₈ H ₄₁ N ₃ O ₈ Mol. weight 667,75 g/mol		
PSI1560	Fmoc-L-Tyr(tBu)-L-Cys[PSI(Dmp,H)pro]-OH (S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-O-t-butyl-L-thyrosyl)-2-(2,4-dimethoxphenyl)thiazolidine-4-carboxylic acid Formula C ₄₀ H ₄₂ N ₂ O ₈ S Mol. weight 710,84 g/mol		
PSI1130	Fmoc-L-Tyr(tBu)-L-Ser[PSI(Me,Me)Pro]-OH (S)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-t-butyl-L-tyrosinyl)-2,2-dimethyloxazolidine-4-carboxylic acid CAS-No. 878797-09-2 Formula C ₃₄ H ₃₈ N ₂ O ₇ Mol. weight 586,67 g/mol		
PSI1270	Fmoc-L-Tyr(tBu)-L-Thr[PSI(Me,Me)Pro]-OH (4S,5R)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-t-butyl-L-tyrosinyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid CAS-No. 920519-31-9 Formula C ₃₅ H ₄₀ N ₂ O ₇ Mol. weight 600,7 g/mol		
PSI1570	Fmoc-L-Val-L-Cys[PSI(Dmp,H)pro]-OH (S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-valyl)-2-(2,4-dimethoxphenyl)thiazolidine-4-carboxylic acid CAS-No. 1926163-08-7 Formula C ₃₂ H ₃₄ N ₂ O ₇ S Mol. weight 590,69 g/mol		
PSI1110	Fmoc-L-Val-L-Ser[PSI(Me,Me)Pro]-OH (S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-valinyl)-2,2-dimethyloxazolidine-4-carboxylic acid CAS-No. 186023-49-4 Formula C ₂₆ H ₃₀ N ₂ O ₆ Mol. weight 466,53 g/mol		
PSI1630	Boc-L-Ser[Psi(Me,Me)Pro]-OH (S)-3-(tert-butoxycarbonyl)-2,2-dimethyloxazolidine-4-carboxylic acid CAS-No. 139009-66-8 Formula C ₁₁ H ₁₉ NO ₅ Mol. weight 245,28 g/mol		
PSI1640	Boc-L-Thr[Psi(Me,Me)Pro]-OH (4S,5R)-3-(tert-butoxycarbonyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid CAS-No. 143364-85-6 Formula C ₁₂ H ₂₁ NO ₅ Mol. weight 259,30 g/mol		
PSI1650	Fmoc-D-Thr[Psi(Me,Me)Pro]-OH (4R,5S)-3-[(9H-fluoren-9-yl)methoxy]carbonyl-2,2,5-trimethyl-1,3-oxazolidine-4-carboxylic acid CAS-No. 159681-93-3 Formula C ₂₂ H ₂₃ NO ₅ Mol. weight 381,43 g/mol		

Other Proline Derivatives

BAA1199 Boc-L-Pro-NH₂

N-alpha-t-Butyloxycarbonyl-L-proline amide
CAS-No. 35150-07-3
Formula C₁₀H₁₈N₂O₃
Mol. weight 214,26 g/mol

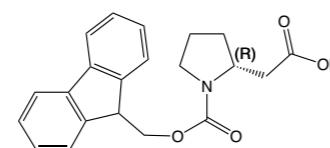


Product details



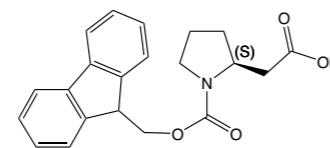
FAA6610 Fmoc-D-beta-HPro-OH

N-beta-(9-Fluorenylmethoxycarbonyl)-D-homoproline
CAS-No. 193693-61-7
Formula C₂₁H₂₁NO₄
Mol. weight 351,4 g/mol



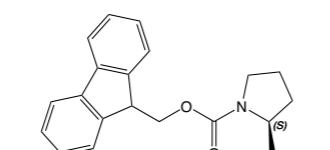
FAA6730 Fmoc-L-beta-HPro-OH

N-beta-(9-Fluorenylmethoxycarbonyl)-L-homoproline
CAS-No. 193693-60-6
Formula C₂₁H₂₁NO₄
Mol. weight 351,4 g/mol



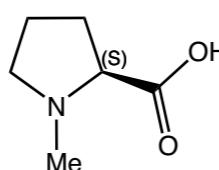
FAA1185 Fmoc-L-Pro-OH*H₂O

N-alpha-(9-Fluorenylmethoxycarbonyl)-L-proline monohydrate
CAS-No. 71989-31-6
Formula C₂₀H₁₉NO₄*H₂O
Mol. weight 337,40*18,01 g/mol



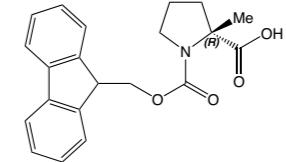
HAA2250 N-Me-Proline

N-alpha-Methyl-L-proline
CAS-No. 475-11-6
Formula C₆H₁₁NO₂
Mol. weight 129,16 g/mol



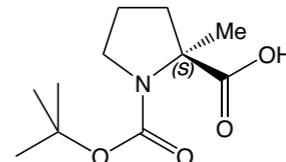
FAA2055 Fmoc-alpha-Me-D-Pro-OH

N-alpha-(9-Fluorenylmethoxycarbonyl)-alpha-Methyl-D-proline
CAS-No. 1286768-33-9
Formula C₂₁H₂₁NO₄
Mol. weight 351,4 g/mol



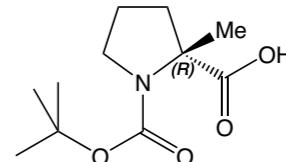
BAA1920 Boc-alpha-Me-L-Pro-OH

N-alpha-t-Butyloxycarbonyl-alpha-Methyl-L-proline
CAS-No. 103336-06-7
Formula C₁₁H₁₉NO₄
Mol. weight 229,27 g/mol



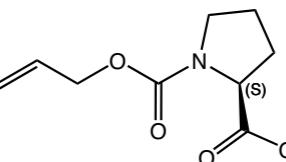
BAA1915 Boc-alpha-Me-D-Pro-OH

N-alpha-t-Butyloxycarbonyl-alpha-Methyl-D-proline
CAS-No. 166170-15-6
Formula C₁₁H₁₉NO₄
Mol. weight 229,27 g/mol



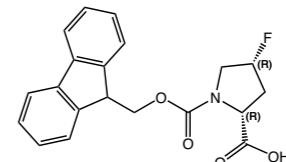
AAA2090 Aloc-Pro-OH*DCHA

N-alpha-Allyloxy carbonyl-L-proline dicyclohexylamine
CAS-No. 110637-45-1
Formula C₉H₁₃NO₄*C₁₂H₂₃N
Mol. weight 199,20*181,32 g/mol



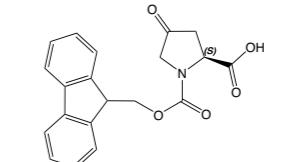
FAA6990 Fmoc-D-Pro(4-F)-OH (2R,4R)

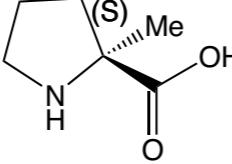
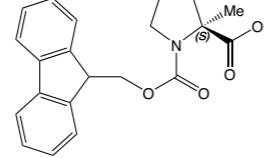
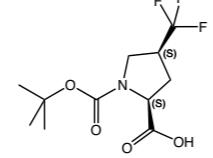
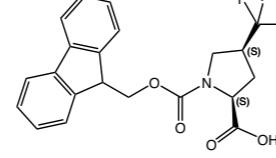
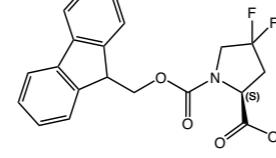
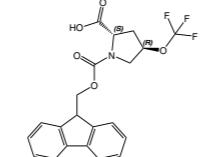
N-alpha-(9-Fluorenylmethoxycarbonyl)-cis-4-fluoro-D-proline
CAS-No. 1932387-77-3
Formula C₂₀H₁₈FNO₄
Mol. weight 355,36 g/mol



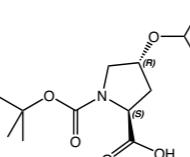
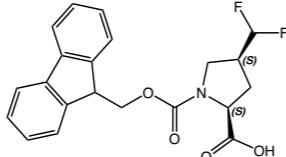
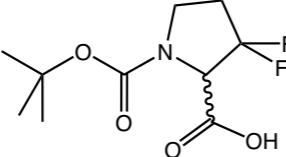
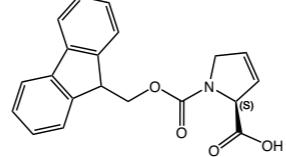
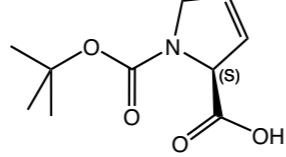
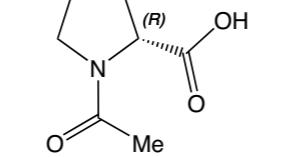
FAA1786 Fmoc-L-Pro(4-keto)-OH

(S)-N-alpha-(9-Fluorenylmethoxycarbonyl)-4-oxo-proline solvate
CAS-No. 223581-83-7
Formula C₂₀H₁₇NO₅
Mol. weight 351,36 g/mol

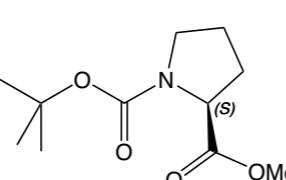
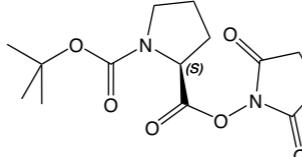
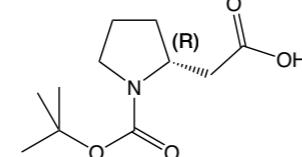
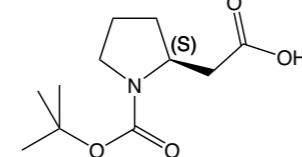
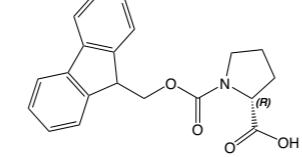
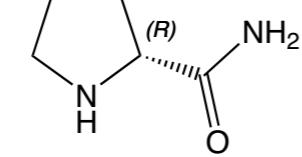
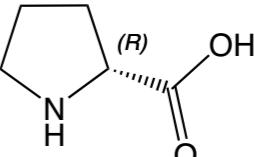
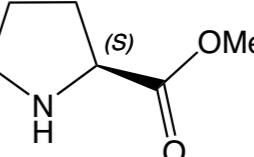
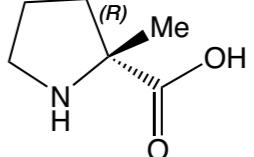
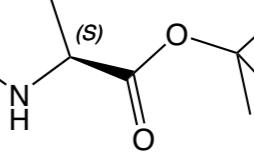
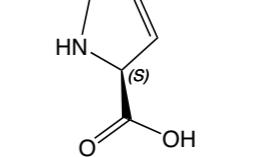
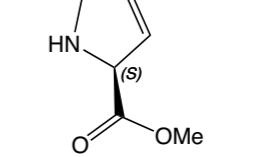


		Product details		
HAA1228	H-alpha-Me-L-Pro-OH alpha-Methyl-L-proline CAS-No. 42856-71-3 Formula C ₆ H ₁₁ NO ₂ Mol. weight 129,16 g/mol	 	BAA2950	Boc-L-Pro(4,4-F ₂)-OH (S)-1-t-Butyloxycarbonyl-4,4-difluoro-pyrrolidine-2-carboxylic acid CAS-No. 203866-15-3 Formula C ₁₀ H ₁₅ F ₂ NO ₄ Mol. weight 251,23 g/mol
FAA2060	Fmoc-alpha-Me-L-Pro-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-alpha-Methyl-L-proline CAS-No. 167275-47-0 Formula C ₂₁ H ₂₁ NO ₄ Mol. weight 351,4 g/mol	 	BAA2930	Boc-L-Pro(4-F)-OH (2S,4R) (2S,4R)-1-t-Butyloxycarbonyl-4-fluoro-pyrrolidine-2-carboxylic acid CAS-No. 203866-14-2 Formula C ₁₀ H ₁₆ FNO ₄ Mol. weight 233,24 g/mol
BAA2920	Boc-L-Pro(4-CF ₃)-OH (2S,4S) (2S,4S)-1-t-Butyloxycarbonyl-4-trifluoromethyl-pyrrolidine-2-carboxylic acid CAS-No. 470482-41-8 Formula C ₁₁ H ₁₆ F ₃ NO ₄ Mol. weight 283,24 g/mol	 	FAA4300	Fmoc-L-Pro(4-F)-OH (2S,4R) (2S,4R)-1-(9-Fluorenylmethyloxycarbonyl)-4-fluoro-pyrrolidine-2-carboxylic acid CAS-No. 203866-20-0 Formula C ₂₀ H ₁₈ FNO ₄ Mol. weight 355,36 g/mol
FAA4320	Fmoc-L-Pro(4-CF ₃)-OH (2S,4S) (2S,4S)-1-(9-Fluorenylmethyloxycarbonyl)-4-trifluoromethyl-pyrrolidine-2-carboxylic acid CAS-No. 1242934-32-2 Formula C ₂₁ H ₁₈ F ₃ NO ₄ Mol. weight 405,37 g/mol	 	FAA4310	Fmoc-L-Pro(4-F)-OH (2S,4S) (2S,4S)-1-(9-Fluorenylmethyloxycarbonyl)-4-fluoro-pyrrolidine-2-carboxylic acid CAS-No. 203866-19-7 Formula C ₂₀ H ₁₈ FNO ₄ Mol. weight 355,36 g/mol
FAA4290	Fmoc-L-Pro(4,4-F ₂)-OH (S)-1-(9-Fluorenylmethyloxycarbonyl)-4,4-difluoro-pyrrolidine-2-carboxylic acid CAS-No. 203866-21-1 Formula C ₂₀ H ₁₇ F ₂ NO ₄ Mol. weight 373,36 g/mol	 	BAA2940	Boc-L-Pro(4-F)-OH (2S,4S) (2S,4S)-1-t-Butyloxycarbonyl-4-fluoro-pyrrolidine-2-carboxylic acid CAS-No. 203866-13-1 Formula C ₁₀ H ₁₆ FNO ₄ Mol. weight 233,24 g/mol
FAA8305	Fmoc-L-Pro(4-OCF ₃)-OH (2S,4R) (2S,4R)-1-(9-Fluorenylmethyloxycarbonyl)-4-trifluoromethoxy-pyrrolidine-2-carboxylic acid CAS-No. 2580090-37-3 Formula C ₂₁ H ₁₈ F ₃ NO ₅ Mol. weight 421,37 g/mol	 	FAA8400	Fmoc-L-Pro(4-OCF ₂ H)-OH (2S,4R) (2S,4R)-1-(9-Fluorenylmethyloxycarbonyl)-4-difluoromethoxy-pyrrolidine-2-carboxylic acid CAS-No. 2382632-22-4 Formula C ₂₁ H ₁₉ F ₂ NO ₅ Mol. weight 403,38 g/mol

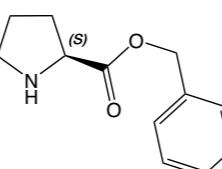
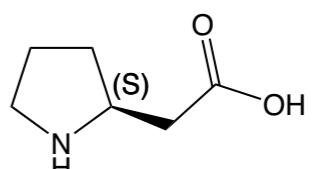
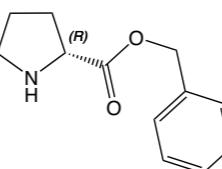
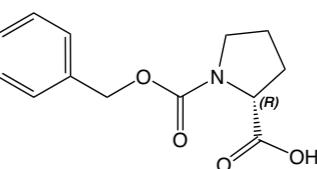
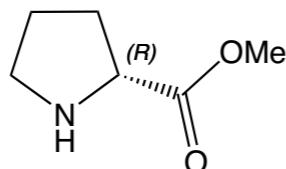
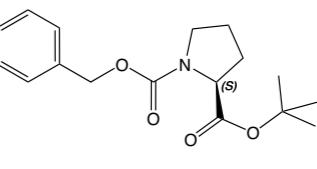
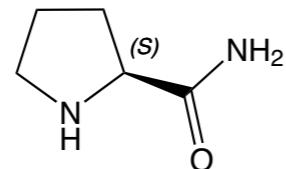
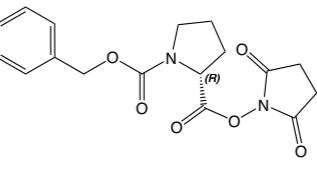
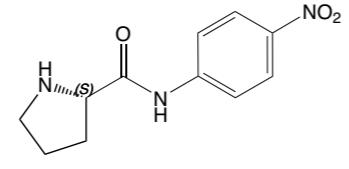
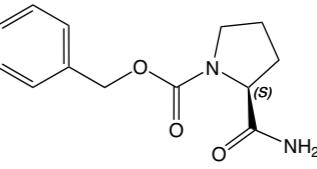
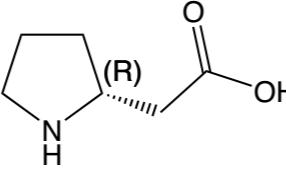
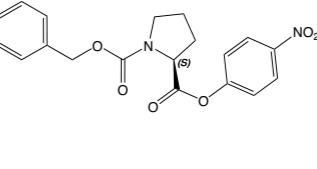
(Pseudo-)Prolines

		Product details		
BAA4540	Boc-L-Pro(4-OCF ₂ H)-OH (2S,4R) (2S,4R)-1-t-Butyloxycarbonyl-4-difluoromethoxy-pyrrolidine-2-carboxylic acid CAS-No. 1807939-39-4 Formula C ₁₁ H ₁₇ F ₂ NO ₅ Mol. weight 281,26 g/mol	 	AAA1938	Ac-L-Pro-NH ₂ N-alpha-Acetyl-L-proline amide CAS-No. 16395-58-7 Formula C ₇ H ₁₂ N ₂ O ₂ Mol. weight 156,18 g/mol
FAA8370	Fmoc-L-Pro(4-CF ₂ H)-OH (2S,4S) (2S,4S)-1-(9-Fluorenylmethoxycarbonyl)-4-difluoromethyl-pyrrolidine-2-carboxylic acid CAS-No. 2808651-95-6 Formula C ₂₁ H ₁₉ F ₂ NO ₄ Mol. weight 387,38 g/mol	 	AAA1939	Ac-L-Pro-OH N-alpha-Acetyl-L-proline CAS-No. 68-95-1 Formula C ₇ H ₁₁ NO ₃ Mol. weight 157,17 g/mol
BAA4420	Boc-Pro(3,3-F ₂)-OH (RS) 1-t-Butyloxycarbonyl-3,3-difluoro-pyrrolidine-2-carboxylic acid, rac. CAS-No. 1822567-84-9 Formula C ₁₀ H ₁₅ F ₂ NO ₄ Mol. weight 251,23 g/mol	 	BAA0038	Bzl-L-Pro-OH N-alpha-Benzyl-L-proline CAS-No. 31795-93-4 Formula C ₁₂ H ₁₅ NO ₂ Mol. weight 205,25 g/mol
FAA1766	Fmoc-3,4-dehydroPro-OH N-alpha-(9-Fluorenylmethoxycarbonyl)-3,4-dehydro-L-proline CAS-No. 135837-63-7 Formula C ₂₀ H ₁₇ NO ₄ Mol. weight 335,34 g/mol	 	BAA1052	Boc-D-Pro-OH N-alpha-t-Butyloxycarbonyl-D-proline CAS-No. 37784-17-1 Formula C ₁₀ H ₁₇ NO ₄ Mol. weight 215,25 g/mol
BAA1460	Boc-3,4-dehydroPro-OH N-alpha-t-Butyloxycarbonyl-3,4-dehydro-L-proline CAS-No. 51154-06-4 Formula C ₁₀ H ₁₅ NO ₄ Mol. weight 213,23 g/mol	 	BAA1130	Boc-L-Pro-OH N-alpha-t-Butyloxycarbonyl-L-proline CAS-No. 15761-39-4 Formula C ₁₀ H ₁₇ NO ₄ Mol. weight 215,25 g/mol
AAA1931	Ac-D-Pro-OH N-alpha-Acetyl-D-proline CAS-No. 59785-68-1 Formula C ₇ H ₁₁ NO ₃ Mol. weight 157,17 g/mol	 	BAA1458	Boc-L-Pro(4-keto)-OMe N-alpha-t-Butyloxycarbonyl-4-oxo-L-proline methyl ester CAS-No. 102195-80-2 Formula C ₁₀ H ₁₇ NO ₅ Mol. weight 243,26 g/mol

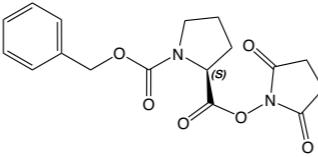
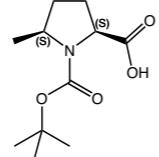
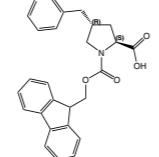
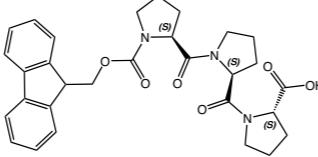
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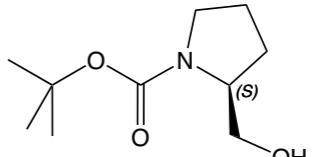
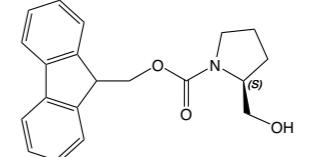
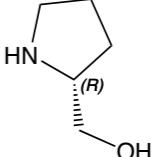
		Product details		
BAA5900	Boc-L-Pro-OMe N-alpha-t-Butyloxycarbonyl-L-proline methyl ester	CAS-No. 59936-29-7 Formula C ₁₁ H ₁₉ NO ₄ Mol. weight 229,27 g/mol	 	Product details
BAA5910	Boc-L-Pro-OSu N-alpha-t-Butyloxycarbonyl-L-proline succinimidyl ester	CAS-No. 3392-10-7 Formula C ₁₄ H ₂₀ N ₂ O ₆ Mol. weight 312,32 g/mol	 	Product details
BAA6110	Boc-D-beta-HPro-OH N-beta-(t-Butyloxycarbonyl)-D-homoproline	CAS-No. 101555-60-6 Formula C ₁₁ H ₁₉ NO ₄ Mol. weight 229,27 g/mol	 	Product details
BAA6230	Boc-L-beta-HPro-OH N-beta-(t-Butyloxycarbonyl)-L-homoproline	CAS-No. 56502-01-3 Formula C ₁₁ H ₁₉ NO ₄ Mol. weight 229,27 g/mol	 	Product details
FAA1794	Fmoc-D-Pro-OH N-alpha-(9-Fluorenylmethoxycarbonyl)-D-proline	CAS-No. 101555-62-8 Formula C ₂₀ H ₁₉ NO ₄ Mol. weight 337,4 g/mol	 	Product details
HAA1047	H-D-Pro-NH₂*HCl D-Proline amide hydrochloride	CAS-No. 50894-62-7 Formula C ₅ H ₁₀ N ₂ O ₂ *HCl Mol. weight 114,15*36,45 g/mol	 	Product details
HAA1048	H-D-Pro-OH D-Proline	CAS-No. 344-25-2 Formula C ₅ H ₉ NO ₂ Mol. weight 115,13 g/mol	 	Product details
HAA1127	H-L-Pro-OMe*HCl L-Proline methyl ester hydrochloride	CAS-No. 2133-40-6 Formula C ₆ H ₁₁ NO ₂ *HCl Mol. weight 129,16*36,45 g/mol	 	Product details
HAA1561	H-alpha-Me-D-Pro-OH alpha-Methyl-D-proline	CAS-No. 63399-77-9 Formula C ₆ H ₁₁ NO ₂ Mol. weight 129,2 g/mol	 	Product details
HAA1610	H-L-Pro-OtBu*HCl L-Proline t-butyl ester hydrochloride	CAS-No. 5497-76-7 Formula C ₉ H ₁₇ NO ₂ *HCl Mol. weight 171,24*36,45 g/mol	 	Product details
HAA6180	H-3,4-dehydroPro-OH 3,4-Dehydro-L-proline	CAS-No. 4043-88-3 Formula C ₅ H ₇ NO ₂ Mol. weight 113,11 g/mol	 	Product details
HAA6190	H-3,4-dehydroPro-OMe*HCl 3,4-Dehydro-L-proline methyl ester hydrochloride	CAS-No. 186145-08-4 Formula C ₆ H ₉ NO ₂ *HCl Mol. weight 127,14*36,45 g/mol	 	Product details

(Pseudo-)Prolines

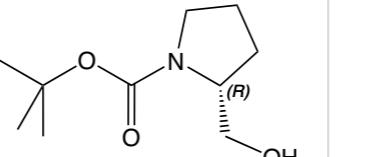
		Product details		
HAA7170	H-L-Pro-OBzI*HCl	<p>L-Proline benzyl ester hydrochloride</p> <p>CAS-No. 16652-71-4</p> <p>Formula C₁₂H₁₅NO₂*HCl</p> <p>Mol. weight 205,25*36,45 g/mol</p>	 	Product details
HAA8560	H-L-beta-HPro-OH*HCl	<p>L-beta-Homoproline</p> <p>CAS-No. 53912-85-9</p> <p>Formula C₆H₁₁NO₂*HCl</p> <p>Mol. weight 129,16*36,45 g/mol</p>	 	Product details
HAA6500	H-D-Pro-OBzI*HCl	<p>D-Proline benzyl ester hydrochloride</p> <p>CAS-No. 53843-90-6</p> <p>Formula C₁₂H₁₅NO₂*HCl</p> <p>Mol. weight 205,25*36,45 g/mol</p>	 	Product details
ZAA1138	Z-D-Pro-OH	<p>N-alpha-Benzoyloxycarbonyl-D-proline</p> <p>CAS-No. 6404-31-5</p> <p>Formula C₁₃H₁₅NO₄</p> <p>Mol. weight 249,27 g/mol</p>	 	Product details
HAA6510	H-D-Pro-OMe*HCl	<p>D-Proline methyl ester hydrochloride</p> <p>CAS-No. 65365-28-8</p> <p>Formula C₆H₁₁NO₂*HCl</p> <p>Mol. weight 129,16*36,45 g/mol</p>	 	Product details
ZAA1172	Z-L-Pro-OtBu	<p>N-alpha-Benzoyloxycarbonyl-L-proline t-butyl ester</p> <p>CAS-No. 16881-39-3</p> <p>Formula C₁₇H₂₃NO₄</p> <p>Mol. weight 305,37 g/mol</p>	 	Product details
HAA7160	H-L-Pro-NH ₂	<p>L-Proline amide</p> <p>CAS-No. 7531-52-4</p> <p>Formula C₅H₁₀N₂O</p> <p>Mol. weight 114,12 g/mol</p>	 	Product details
ZAA1211	Z-D-Pro-OSu	<p>N-alpha-Benzoyloxycarbonyl-D-proline succinimidyl ester</p> <p>CAS-No. 104055-24-5</p> <p>Formula C₁₇H₁₈N₂O₆</p> <p>Mol. weight 346,33 g/mol</p>	 	Product details
HAA7180	H-L-Pro-pNA*HCl	<p>L-Proline p-nitroanilide hydrochloride</p> <p>CAS-No. 7369-91-7net</p> <p>Formula C₁₁H₁₃N₃O₃*HCl</p> <p>Mol. weight 235,23*36,45 g/mol</p>	 	Product details
ZAA1241	Z-L-Pro-NH ₂	<p>N-alpha-Benzoyloxycarbonyl-L-proline amide</p> <p>CAS-No. 34079-31-7</p> <p>Formula C₁₃H₁₆N₂O₃</p> <p>Mol. weight 248,28 g/mol</p>	 	Product details
HAA8450	H-D-beta-HPro-OH*HCl	<p>D-beta-Homoproline hydrochloride</p> <p>CAS-No. 439918-59-9</p> <p>Formula C₆H₁₁NO₂*HCl</p> <p>Mol. weight 129,16*36,45 g/mol</p>	 	Product details
ZAA1242	Z-L-Pro-ONp	<p>N-alpha-Benzoyloxycarbonyl-L-proline p-nitrophenyl ester</p> <p>CAS-No. 3304-59-4</p> <p>Formula C₁₉H₁₈N₂O₆</p> <p>Mol. weight 370,35 g/mol</p>	 	Product details

(Pseudo-)Prolines

		Product details
ZAA1243	Z-L-Pro-OSu	 N-alpha-Benzyloxycarbonyl-L-proline succinimidyl ester CAS-No. 3397-33-9 Formula C ₁₇ H ₁₈ N ₂ O ₆ Mol. weight 346,33 g/mol
BAA3440	Boc-L-Pro(5-Me)-OH (2S,5S)	 Boc-L-Pro(5-Me)-OH (2S,5S) CAS-No. 334769-80-1 Formula C ₁₁ H ₁₉ NO ₄ Mol. weight 229,27 g/mol
FAA5190	Fmoc-L-Pro(4-Bzl)-OH (2S,4R)	 (2S,4R)-1-(9-Fluorenylmethyloxycarbonyl)-4-benzyl-pyrrolidine-2-carboxylic acid CAS-No. 1158891-05-4 Formula C ₂₇ H ₂₅ NO ₄ Mol. weight 427,49 g/mol
FDP1450	Fmoc-L-Pro-L-Pro-L-Pro-OH	 N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-prolyl-L-prolyl-L-proline

		Product details
BAL1010	Boc-L-Prolinol	 (S)-N-t-Butyloxycarbonyl-2-pyrrolidinemethanol CAS-No. 69610-40-8 Formula C ₁₀ H ₁₉ NO ₃ Mol. weight 201,27 g/mol
FAL1002	Fmoc-L-Prolinol	 (S)-Fmoc-2-(hydroxymethyl)pyrrolidine CAS-No. 148625-77-8 Formula C ₂₀ H ₂₁ NO ₃ Mol. weight 323,4 g/mol
HAL1025	D-Prolinol	 (R)-2-Hydroxymethylpyrrolidone CAS-No. 68832-13-3 Formula C ₅ H ₁₁ NO Mol. weight 101,15 g/mol

Prolinol Derivatives

		Product details
BAL1031	Boc-D-Prolinol	 (R)-N-t-Butyloxycarbonyl-2-pyrrolidinemethanol CAS-No. 83435-58-9 Formula C ₁₀ H ₁₉ NO ₃ Mol. weight 201,27 g/mol

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