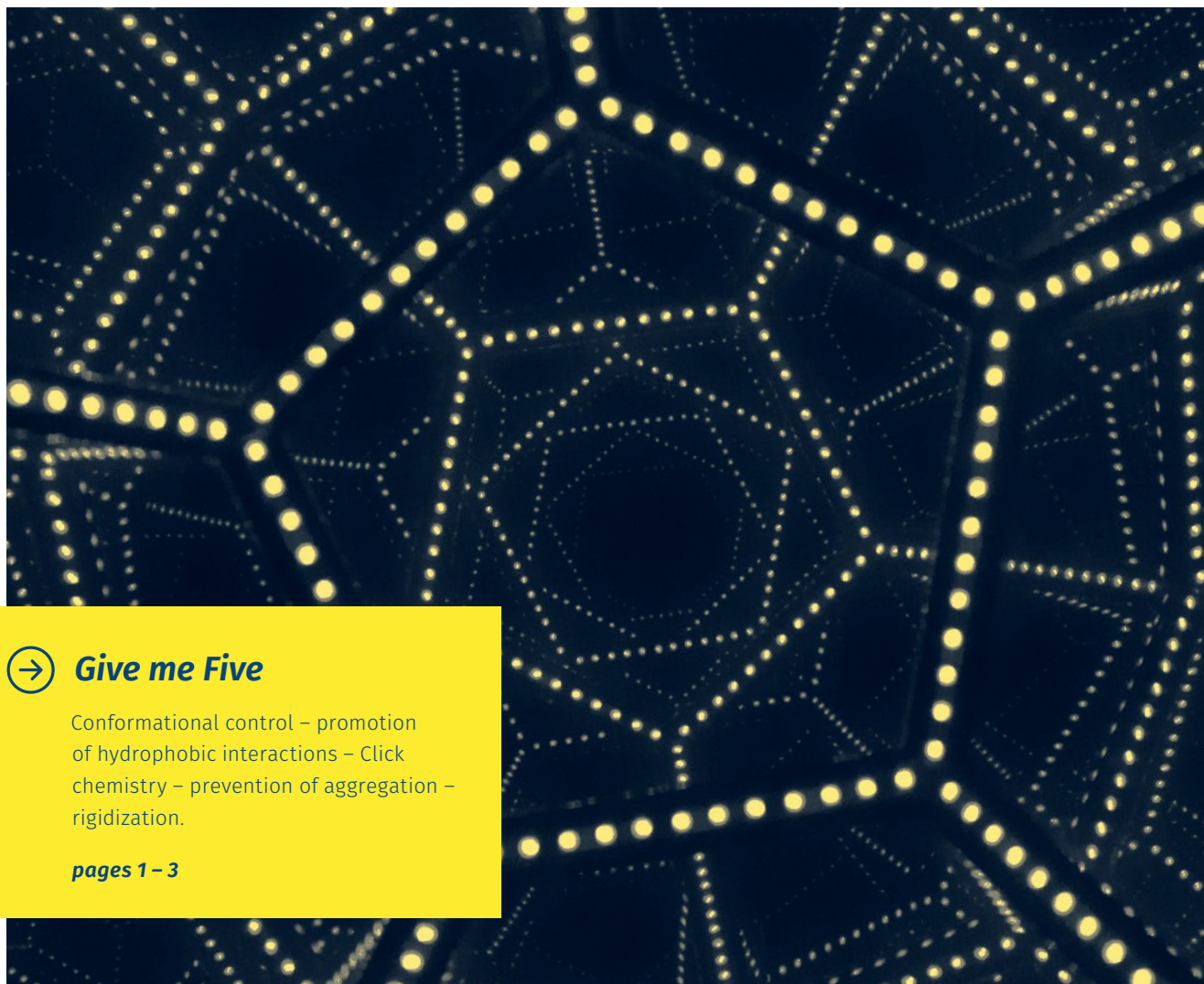


(PSEUDO-)PROLINES

and Derivatives Thereof



Give me Five

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

pages 1 – 3

Locking the conformation:
methanoproline vs.
dimethylproline.
page 1

Substituted prolines as
constrained Arg and homoCys
analogs.
pages 2, 3

Pseudoproline monomers and
dipeptides for the prevention
of aggregation.
page 3

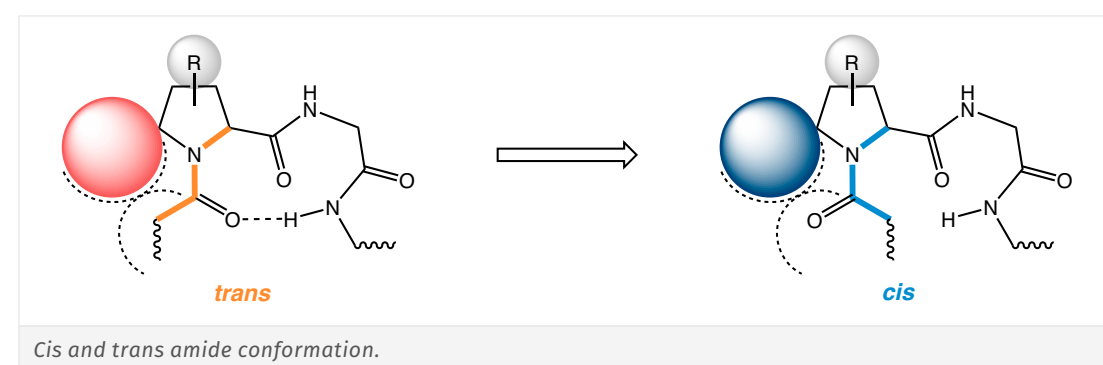


(Pseudo-)Prolines

and Derivatives Thereof

General Information

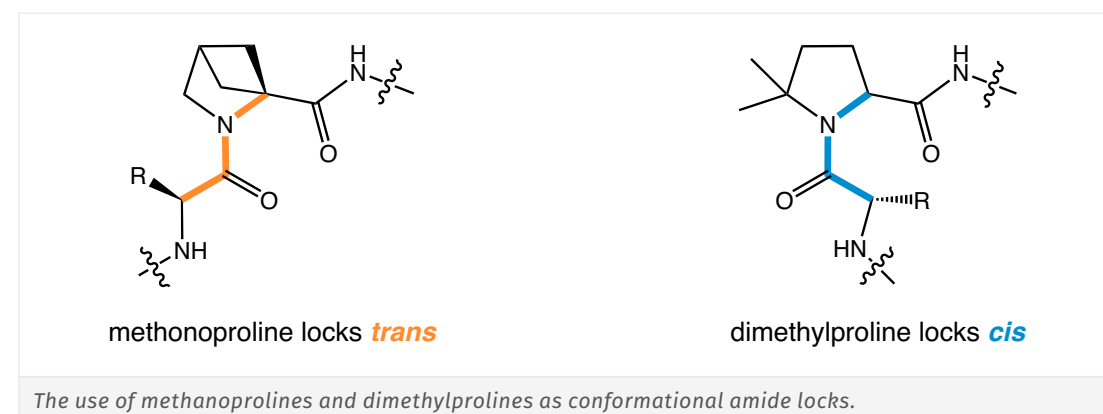
The cyclic amino acid proline (Pro) represents unique features in terms of its conformational properties as its incorporation into peptide sequences leads to an equilibrium mixture of approximately isoenergetic *cis* and *trans* conformers at AAA-Pro bonds, whereas peptide bonds of secondary amino acid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



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.



Prolines with Hydrophobic Substituents – Filling the Pocket

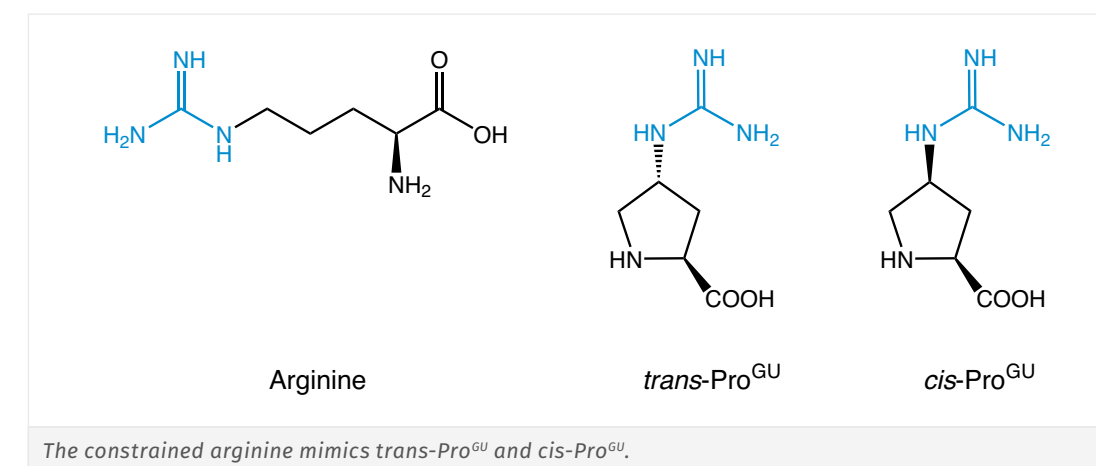
Prolines are key elements frequently positioned at the edge of β turns in peptides. With modified prolines these positions can be used for filling hydrophobic pockets or to increase hydrophobic interactions, whenever the pyrrolidine ring is substituted with groups like methyl or phenyl.

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 on page 9](#)) and *cis*-Pro^{GU} ([FAA5230 on page 9](#)) represent constrained mimics.

As an example, the introduction of a guanidylated proline in arginine-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.



Azido-Prolines – Click it!

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

Aminoprolines – Introducing β and γ turns

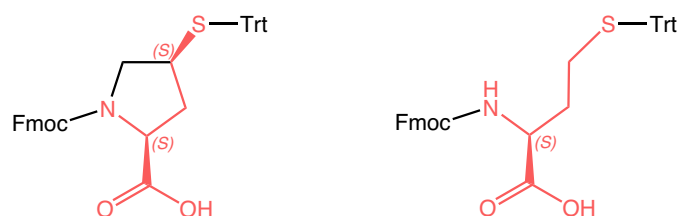
The proximity of the amine and carboxylic acid enforced by the pyrrolidine ring in *cis*-4-amino-proline can induce both β and γ turns depending on the location of the intramolecular hydrogen bond. Turns have been identified as sites for posttranslational modification of proteins. This is particularly true with respect to phosphorylation and glycosylation. Additionally, formation of γ turns may initiate formation of β sheets in protein folding. Preparing analogs 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 β sheet secondary structures, which are considered as a source of aggregation during chain elongation, thus serving as solubilizing building blocks.

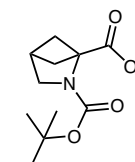
Iris Biotech offers pseudoproline monomers as well as preformed dipeptides.

Methanoprolines

BAA4580 Boc-2,4-methanoproline

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

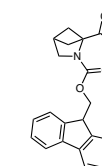
CAS-No. 127926-24-3
Formula $C_{11}H_{17}NO_4$
Mol. weight 227,26 g/mol



FAA8470 Fmoc-2,4-methanoproline

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

CAS-No. 1936396-62-1
Formula $C_{21}H_{19}NO_4$
Mol. weight 349,39 g/mol

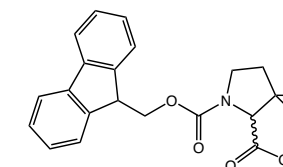


Dimethylprolines

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

N- α -(9-Fluorenylmethoxycarbonyl)- β , β -dimethyl-proline (rac.)

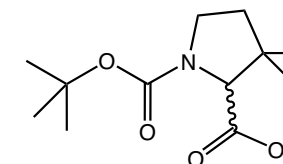
CAS-No. 1310680-20-6
Formula $C_{22}H_{23}NO_4$
Mol. weight 365,43 g/mol



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

N- α -*t*-Butoxycarbonyl- β , β -dimethyl-proline (rac.)

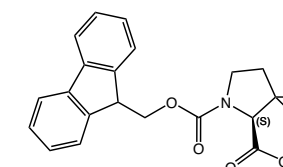
CAS-No. 143979-40-2
Formula $C_{12}H_{21}NO_4$
Mol. weight 243,30 g/mol



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

N- α -(9-Fluorenylmethoxycarbonyl)- β , β -dimethyl-L-proline

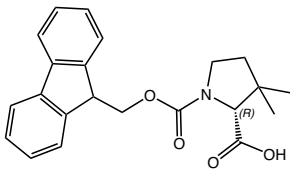
CAS-No. 1982344-79-5
Formula $C_{22}H_{23}NO_4$
Mol. weight 365,43 g/mol



FAA9355 Fmoc-3,3-dmP-OH (R)

(R)-1-(((9H-fluoren-9-yl)methoxy)carbonyl)-3,3-dimethylpyrrolidine-2-carboxylic acid

CAS-No. 2381009-82-9
Formula C₂₂H₂₃NO₄
Mol. weight 365,43 g/mol



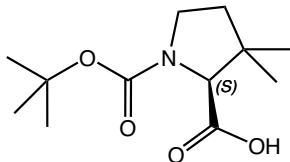
Product details



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

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

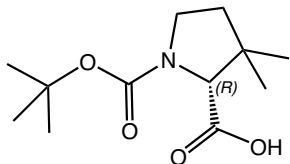
CAS-No. 174060-98-1
Formula C₁₂H₂₁NO₄
Mol. weight 243,30 g/mol



BAA6435 Boc-3,3-dmP-OH (R)

(R)-1-(tert-butoxycarbonyl)-3,3-dimethylpyrrolidine-2-carboxylic acid

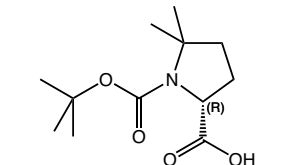
CAS-No. 1645565-12-3
Formula C₁₂H₂₁NO₄
Mol. weight 243,30 g/mol



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

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

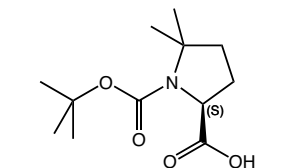
CAS-No. 1310680-32-0
Formula C₁₂H₂₁NO₄
Mol. weight 243,3 g/mol



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

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

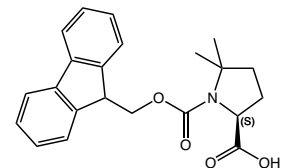
CAS-No. 943318-67-0
Formula C₁₂H₂₁NO₄
Mol. weight 243,3 g/mol



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

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

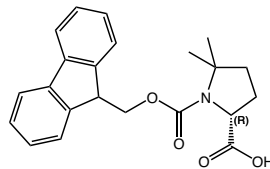
CAS-No. 1310680-23-9
Formula C₂₂H₂₃NO₄
Mol. weight 365,42 g/mol



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

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

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



Product details

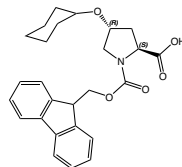


Prolines with Hydrophobic Substituents

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

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

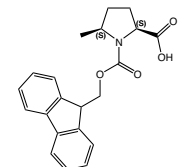
CAS-No. 757951-65-8
Formula C₂₆H₂₉NO₅
Mol. weight 435,52 g/mol



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

(2S,5S)-1-(9-Fluorenylmethyloxycarbonyl)-5-methylpyrrolidine-2-carboxylic acid

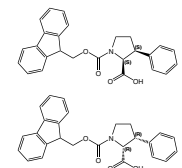
CAS-No. 1932784-54-7
Formula C₂₁H₂₁NO₄
Mol. weight 351,4 g/mol



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

(2S,3S;2R,3R)-1-(9-Fluorenylmethyloxycarbonyl)-3-phenylpyrrolidine-2-carboxylic acid

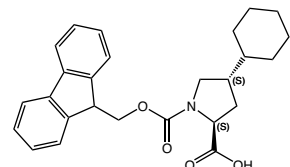
CAS-No. 181824-45-3
Formula C₂₆H₂₃NO₄
Mol. weight 413,47 g/mol



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

(2S,4S)-1-(9-Fluorenylmethyloxycarbonyl)-4-cyclohexylpyrrolidine-2-carboxylic acid

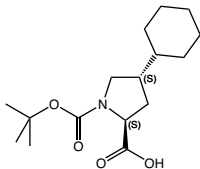
CAS-No. 467438-40-0
Formula C₂₆H₂₉NO₄
Mol. weight 419,51 g/mol



BAA2080 Boc-L-Pro(4-Chx)-OH (2S,4S)

(2S,4S)-1-t-Butyloxycarbonyl-4-cyclohexyl-pyrrolidine-2-carboxylic acid

CAS-No. 394734-77-1
Formula C₁₆H₂₇NO₄
Mol. weight 297,39 g/mol



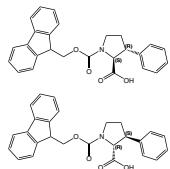
Product details



FAA3355 Fmoc-trans-Pro(3-Ph)-OH (rac)

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

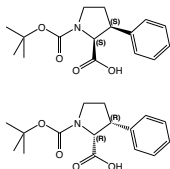
CAS-No. 1579983-87-1
Formula C₂₆H₂₃NO₄
Mol. weight 413,47 g/mol



BAA2090 Boc-cis-Pro(3-Ph)-OH (rac)

(2S,3S;2R,3R)-1-t-Butyloxycarbonyl-3-phenyl-pyrrolidine-2-carboxylic acid

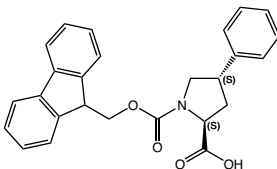
CAS-No. 210420-48-7
Formula C₁₆H₂₁NO₄
Mol. weight 291,34 g/mol



FAA3290 Fmoc-L-Pro(4-Ph)-OH (2S,4S)

(2S,4S)-1-(9-Fluorenylmethyloxycarbonyl)-4-phenyl-pyrrolidine-2-carboxylic acid

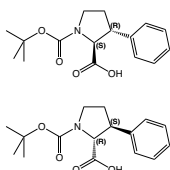
CAS-No. 269078-71-9
Formula C₂₆H₂₃NO₄
Mol. weight 413,47 g/mol



BAA2100 Boc-trans-Pro(3-Ph)-OH (rac)

(2S,3R;2R,3S)-1-t-Butyloxycarbonyl-3-phenyl-pyrrolidine-2-carboxylic acid

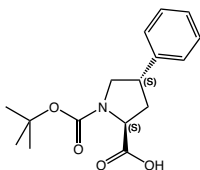
CAS-No. 149252-59-5
Formula C₁₆H₂₁NO₄
Mol. weight 291,34 g/mol



BAA2060 Boc-L-Pro(4-Ph)-OH (2S,4S)

(2S,4S)-1-t-Butyloxycarbonyl-4-phenyl-pyrrolidine-2-carboxylic acid

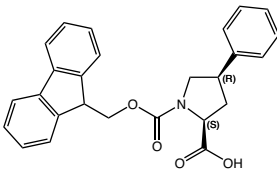
CAS-No. 96314-29-3
Formula C₁₆H₂₁NO₄
Mol. weight 291,34 g/mol



FAA3300 Fmoc-L-Pro(4-Ph)-OH (2S,4R)

(2S,4R)-1-(9-Fluorenylmethyloxycarbonyl)-4-phenyl-pyrrolidine-2-carboxylic acid

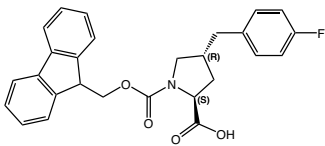
CAS-No. 1093651-96-7
Formula C₂₆H₂₃NO₄
Mol. weight 413,47 g/mol



FAA4330 Fmoc-L-Pro(4-p-F-Ph)-OH (2S,4R)

(2S,4R)-1-(9-Fluorenylmethyloxycarbonyl)-4-(4-fluorobenzyl)-pyrrolidine-2-carboxylic acid

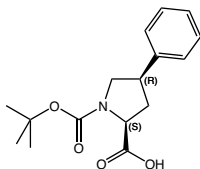
CAS-No. 959576-18-2
Formula C₂₇H₂₄FNO₄
Mol. weight 445,49 g/mol



BAA2070 Boc-L-Pro(4-Ph)-OH (2S,4R)

(2S,4R)-1-t-Butyloxycarbonyl-4-phenyl-pyrrolidine-2-carboxylic acid

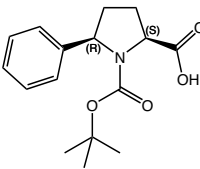
CAS-No. 336818-78-1
Formula C₁₆H₂₁NO₄
Mol. weight 291,34 g/mol



BAA3420 Boc-L-Pro(5-Ph)-OH (2S,5R)

(2S,5R)-1-t-Butyloxycarbonyl-5-phenyl-pyrrolidine-2-carboxylic acid

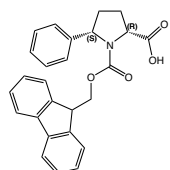
CAS-No. 221352-49-4
Formula C₁₆H₂₁NO₄
Mol. weight 291,34 g/mol



FAA5170 Fmoc-D-Pro(5-Ph)-OH (2R,5S)

(2R,5S)-1-(9-Fluorenylmethyloxycarbonyl)-5-phenyl-pyrrolidine-2-carboxylic acid

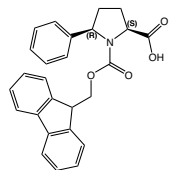
CAS-No. 269078-69-5
Mol. weight 413,47 g/mol



FAA5160 Fmoc-L-Pro(5-Ph)-OH (2S,5R)

(2S,5R)-1-(9-Fluorenylmethyloxycarbonyl)-5-phenyl-pyrrolidine-2-carboxylic acid

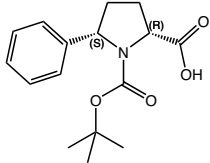
CAS-No. 215190-21-9
Formula C₂₆H₂₃NO₄
Mol. weight 413,47 g/mol



BAA3430 Boc-D-Pro(5-Ph)-OH (2R,5S)

(2R,5S)-1-t-Butyloxycarbonyl-5-phenyl-pyrrolidine-2-carboxylic acid

CAS-No. 158706-46-8
Formula C₁₆H₂₁NO₄
Mol. weight 291,34 g/mol



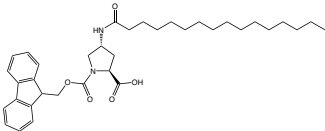
Product details



FAA8900 Fmoc-L-Pro(4-NH-Pal)-OH (2S,4R)

(2S,4R)-1-(((9H-fluoren-9-yl)methoxy)carbonyl)-4-palmitamidopyrrolidine-2-carboxylic acid

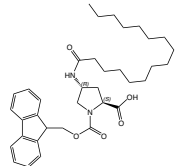
Formula C₃₆H₅₀N₂O₅
Mol. weight 590,81 g/mol



FAA9570 Fmoc-L-Pro(4-NH-Palm)-OH (2S,4S)

(2S,4R)-1-(((9H-fluoren-9-yl)methoxy)carbonyl)-4-palmitamidopyrrolidine-2-carboxylic acid

Formula C₃₆H₅₀N₂O₅
Mol. weight 590,81 g/mol

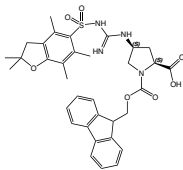


Guanidino Prolines

FAA5230 Fmoc-L-Pro(4-guanidino-Pbf)-OH (2S,4S)

(2S,4S)-1-(9-Fluorenylmethyloxycarbonyl)-4-(3-(2,2,4,6,7-pentamethyl-2,3-dihydrobenzofuran-5-ylsulfonyl)guanidino)pyrrolidine-2-carboxylic acid

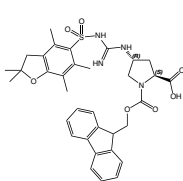
CAS-No. 2098497-04-0
Formula C₃₄H₃₈N₄O₇S
Mol. weight 646,75 g/mol



FAA5220 Fmoc-L-Pro(4-guanidino-Pbf)-OH (2S,4R)

(2S,4R)-1-(9-Fluorenylmethyloxycarbonyl)-4-(3-(2,2,4,6,7-pentamethyl-2,3-dihydrobenzofuran-5-ylsulfonyl)guanidino)pyrrolidine-2-carboxylic acid

CAS-No. 1864002-98-1
Formula C₃₄H₃₈N₄O₇S
Mol. weight 646,75 g/mol

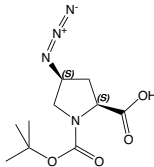


Click Prolines

BAA1905 Boc-L-Pro(4-N₃)-OH (2S,4S)

cis-N-alpha-(t-Butyloxycarbonyl)-4-azido-L-proline

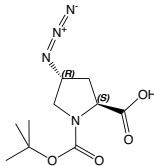
CAS-No. 132622-65-2
Formula C₁₀H₁₆N₄O₄
Mol. weight 256,26 g/mol



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

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

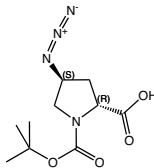
CAS-No. 132622-68-5 net
Formula C₁₀H₁₆N₄O₄*C₁₂H₂₃N
Mol. weight 256,26*181,32 g/mol



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

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

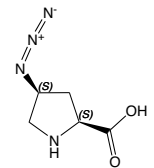
CAS-No. 132622-77-6 net
Formula C₁₀H₁₆N₄O₄*C₁₂H₂₃N
Mol. weight 256,26*181,32 g/mol



HAA2125 H-L-Pro(4-N₃)-OH*HCl (2S,4S)

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

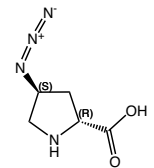
CAS-No. 892128-58-4
Formula C₅H₈N₄O₂*HCl
Mol. weight 156,14*36,45 g/mol



HAA3140 H-D-Pro(4-N₃)-OH*HCl (2R,4S)

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

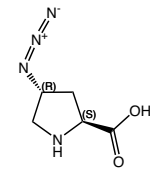
CAS-No. 2137086-50-9
Formula C₅H₈N₄O₂*HCl
Mol. weight 156,14*36,45 g/mol



HAA3150 H-L-Pro(4-N₃)-OH*HCl (2S,4R)

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

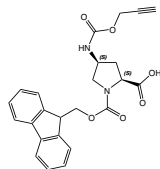
CAS-No. 1019849-13-8 net
Formula C₅H₈N₄O₂*HCl
Mol. weight 156,14*36,45 g/mol



FAA7130 Fmoc-L-Pro(4-NHPoc)-OH (2S,4S)

(2S,4S)-1-(9-Fluorenylmethyloxycarbonyl)-4-(propargyloxycarbonyl)amino-pyrrolidine-2-carboxylic acid

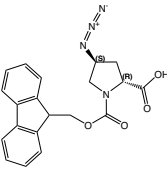
CAS-No. 2451202-17-6
Formula C₂₄H₂₂N₂O₆
Mol. weight 434,44 g/mol



FAA4630 Fmoc-D-Pro(4-N₃)-OH (2R,4S)

trans-N-alpha-(9-Fluorenylmethyloxycarbonyl)-4-azido-D-proline

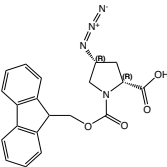
CAS-No. 2137142-63-1
Formula C₂₀H₁₈N₄O₄
Mol. weight 378,38 g/mol



FAA4720 Fmoc-D-Pro(4-N₃)-OH (2R,4R)

cis-N-alpha-(9-Fluorenylmethyloxycarbonyl)-4-azido-D-proline

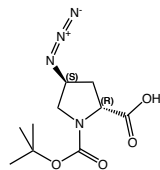
CAS-No. 1378847-51-8
Formula C₂₀H₁₈N₄O₄
Mol. weight 378,38 g/mol



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

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

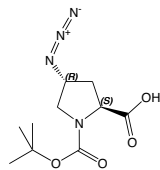
CAS-No. 132622-77-6 net
Formula C₁₀H₁₆N₄O₄*C₁₂H₂₃N
Mol. weight 256,26*181,32 g/mol



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

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

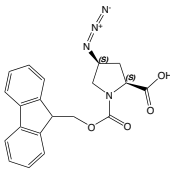
CAS-No. 132622-68-5 net
Formula C₁₀H₁₆N₄O₄*C₁₂H₂₃N
Mol. weight 256,26*181,32 g/mol



FAA2050 Fmoc-L-Pro(4-N₃)-OH (2S,4S)

cis-N-alpha-(9-Fluorenylmethyloxycarbonyl)-4-azido-L-proline

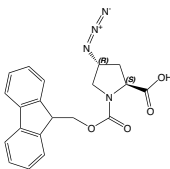
CAS-No. 263847-08-1
Formula C₂₀H₁₈N₄O₄
Mol. weight 378,38 g/mol



FAA3000 Fmoc-L-Pro(4-N₃)-OH (2S,4R)

trans-N-alpha-(9-Fluorenylmethyloxycarbonyl)-4-azido-L-proline

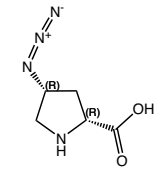
CAS-No. 702679-55-8
Formula C₂₀H₁₈N₄O₄
Mol. weight 378,38 g/mol



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

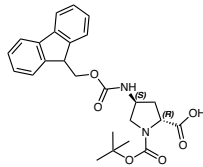


Aminoprolines

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

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

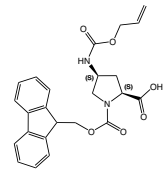
CAS-No. 1018332-23-4
Formula C₂₅H₂₈N₂O₆
Mol. weight 452,51 g/mol



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

(2S,4S)-4-Allyloxycarbonylamino-1-(9-fluorenylmethyloxycarbonyl)-pyrrolidine-2-carboxylic acid

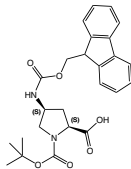
CAS-No. 274676-10-7
Formula C₂₄H₂₄N₂O₆
Mol. weight 436,46 g/mol



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

(2S,4S)-4-(9-Fluorenylmethyloxycarbonyl)amino-1-(t-butyloxycarbonyl)-pyrrolidine-2-carboxylic acid

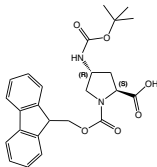
CAS-No. 174148-03-9
Formula C₂₅H₂₈N₂O₆
Mol. weight 452,5 g/mol



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

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

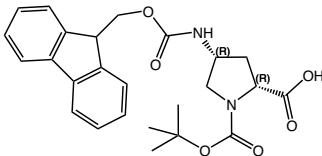
CAS-No. 273222-06-3
Formula C₂₅H₂₈N₂O₆
Mol. weight 452,5 g/mol



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

(2R,4R)-N-alpha-t-Butyloxycarbonyl-4-(9-fluorenylmethyloxycarbonyl)amino-D-proline

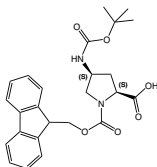
CAS-No. 1018332-24-5
Formula C₂₅H₂₈N₂O₆
Mol. weight 452,5 g/mol



FAA3210 Fmoc-L-Pro(4-NHBoc)-OH (2S,4S)

(2S,4S)-4-(t-Butyloxycarbonyl)amino-1-(9-fluorenylmethyloxycarbonyl)-pyrrolidine-2-carboxylic acid

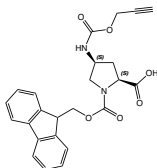
CAS-No. 221352-74-5
Formula C₂₅H₂₈N₂O₆
Mol. weight 452,5 g/mol



FAA7130 Fmoc-L-Pro(4-NHPoc)-OH (2S,4S)

(2S,4S)-1-(9-Fluorenylmethyloxycarbonyl)-4-(propargyloxycarbonyl)amino-pyrrolidine-2-carboxylic acid

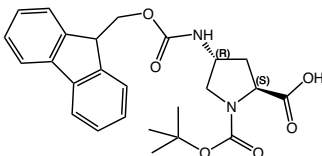
CAS-No. 2451202-17-6
Formula C₂₄H₂₂N₂O₆
Mol. weight 434,44 g/mol



BAA1783 Boc-L-Pro(4-NHFmoc)-OH (2S,4R)

(2S,4R)-trans-N-alpha-t-Butyloxycarbonyl-4-(9-fluorenylmethyloxycarbonyl)amino-L-proline

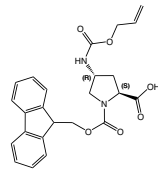
CAS-No. 176486-63-8
Formula C₂₅H₂₈N₂O₆
Mol. weight 452,5 g/mol



FAA4640 Fmoc-L-Pro(4-NH-Alloc)-OH (2S,4R)

(2S,4R)-4-Allyloxycarbonylamino-1-(9-fluorenylmethyloxycarbonyl)-pyrrolidine-2-carboxylic acid

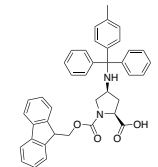
CAS-No. 273222-05-2
Formula C₂₄H₂₄N₂O₆
Mol. weight 436,46 g/mol



FAA8920 Fmoc-L-Pro(4-NH-Mtt)-OH (2S,4S)

(2S,4S)-1-(((9H-fluoren-9-yl)methoxy)carbonyl)-4-((-diphenyl(p-tolyl)methyl)amino)pyrrolidine-2-carboxylic acid

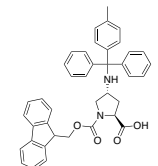
Formula C₄₀H₃₆N₂O₄
Mol. weight 608,74 g/mol



FAA8930 Fmoc-L-Pro(4-NH-Mtt)-OH (2S,4R)

(2S,4R)-1-(((9H-fluoren-9-yl)methoxy)carbonyl)-4-((-diphenyl(p-tolyl)methyl)amino)pyrrolidine-2-carboxylic acid

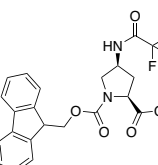
CAS-No. 1061737-21-0
Formula C₄₀H₃₆N₂O₄
Mol. weight 608,74 g/mol



FAA8940 Fmoc-L-Pro(4-NH-TFA)-OH (2S,4S)

(2S,4S)-1-(((9H-fluoren-9-yl)methoxy)carbonyl)-4-(2,2,2-trifluoroacetamido)pyrrolidine-2-carboxylic acid

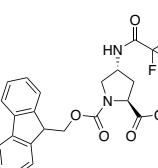
Formula C₂₂H₁₉F₃N₂O₅
Mol. weight 448,40 g/mol



FAA8950 Fmoc-L-Pro(4-NH-TFA)-OH (2S,4R)

(2S,4R)-1-(((9H-fluoren-9-yl)methoxy)carbonyl)-4-(2,2,2-trifluoroacetamido)pyrrolidine-2-carboxylic acid

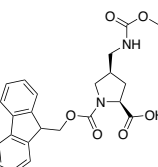
CAS-No. 2864345-48-0
Formula C₂₂H₁₉F₃N₂O₅
Mol. weight 448,40 g/mol



FAA8960 Fmoc-L-Pro(4-CH₂NH-Boc)-OH (2S,4R)

(2S,4R)-1-(((9H-fluoren-9-yl)methoxy)carbonyl)-4-((-tert-butoxycarbonyl)amino)methylpyrrolidine-2-carboxylic acid

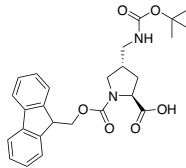
Formula C₂₆H₃₀N₂O₆
Mol. weight 446,53 g/mol



FAA8970 Fmoc-L-Pro(4-CH₂NH-Boc)-OH (2S,4S)

(2S,4S)-1-(((9H-fluoren-9-yl)methoxy)carbonyl)-4-(((tert-butoxycarbonyl)amino)methyl)pyrrolidine-2-carboxylic acid

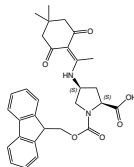
CAS-No. 273222-00-7
Formula C₂₆H₃₀N₂O₆
Mol. weight 446,53 g/mol



FAA9490 Fmoc-L-Pro(4-NH-Dde)-OH (4S)

(2S,4S)-1-(((9H-fluoren-9-yl)methoxy)carbonyl)-4-((1-(4,4-dimethyl-2,6-dioxocyclohexylidene)ethyl)amino)pyrrolidine-2-carboxylic acid

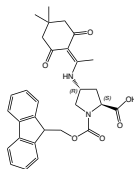
Formula C₃₀H₃₂N₂O₆
Mol. weight 516,59 g/mol



FAA9495 Fmoc-L-Pro(4-NH-Dde)-OH (4R)

(2S,4R)-1-(((9H-fluoren-9-yl)methoxy)carbonyl)-4-((1-(4,4-dimethyl-2,6-dioxocyclohexylidene)ethyl)amino)pyrrolidine-2-carboxylic acid

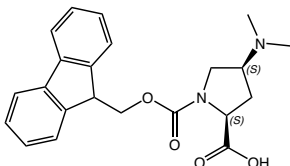
Formula C₃₀H₃₂N₂O₆
Mol. weight 516,59 g/mol



FAA9525 Fmoc-L-Pro(4-NMe₂)-OH (2S,4S)*TFA

(2S,4S)-1-(((9H-fluoren-9-yl)methoxy)carbonyl)-4-(dimethylamino)pyrrolidine-2-carboxylic acid trifluoroacetic acid

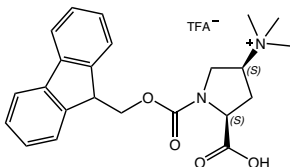
Formula C₂₂H₂₄N₂O₄*C₂HF₃O₂
Mol. weight 380,44*114,02 g/mol



FAA9530 Fmoc-L-Pro(4-NMe₃)-OH (2S,4S)*TFA

(2S,4S)-1-(((9H-fluoren-9-yl)methoxy)carbonyl)-4-(trimethylamino)pyrrolidine-2-carboxylic acid trifluoroacetate

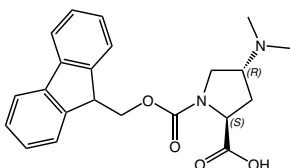
Formula C₂₃H₂₇N₂O₄*C₂F₃O₂
Mol. weight 395,48*113,02 g/mol



FAA9535 Fmoc-L-Pro(4-NMe₂)-OH (2S,4R)*TFA

(2S,4R)-1-(((9H-fluoren-9-yl)methoxy)carbonyl)-4-(dimethylamino)pyrrolidine-2-carboxylic acid trifluoroacetic acid

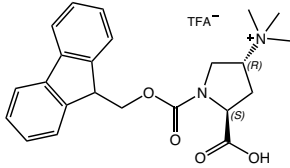
Formula C₂₂H₂₄N₂O₄*C₂HF₃O₂
Mol. weight 380,44*114,02 g/mol



FAA9540 Fmoc-L-Pro(4-NMe₃)-OH (2S,4R)*TFA

(2S,4R)-1-(((9H-fluoren-9-yl)methoxy)carbonyl)-4-(trimethylamino)pyrrolidine-2-carboxylic acid trifluoroacetate

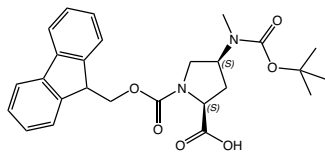
Formula C₂₃H₂₇N₂O₄*C₂F₃O₂
Mol. weight 395,48*113,02 g/mol



FAA9545 Fmoc-L-Pro(4-NMe-Boc)-OH (2S,4S)

(2S,4S)-1-(((9H-fluoren-9-yl)methoxy)carbonyl)-4-((tert-butoxycarbonyl)(methyl)amino)pyrrolidine-2-carboxylic acid

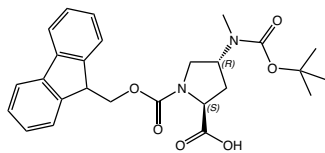
Formula C₂₆H₃₀N₂O₆
Mol. weight 466,53 g/mol



FAA9550 Fmoc-L-Pro(4-NMe-Boc)-OH (2S,4R)

(2S,4R)-1-(((9H-fluoren-9-yl)methoxy)carbonyl)-4-((tert-butoxycarbonyl)(methyl)amino)pyrrolidine-2-carboxylic acid

Formula C₂₆H₃₀N₂O₆
Mol. weight 466,53 g/mol

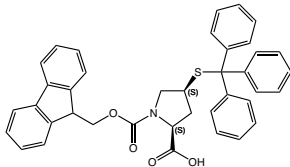


Mercaptoprolines

FAA3320 Fmoc-L-Pro(4-STrt)-OH (2S,4S)

(2S,4S)-1-(9-Fluorenylmethyloxycarbonyl)-4-tritylmercapto-pyrrolidine-2-carboxylic acid

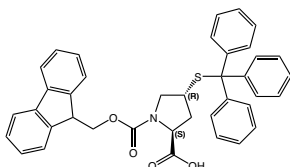
CAS-No. 929101-56-4
Formula C₃₉H₃₃NO₄S
Mol. weight 611,75 g/mol



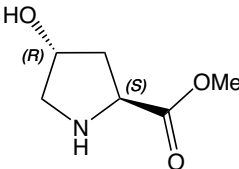
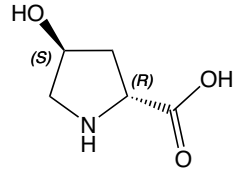
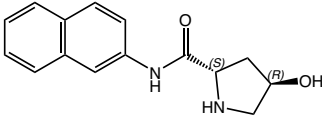
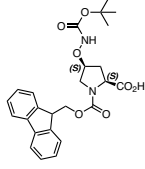
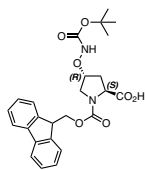
FAA3330 Fmoc-L-Pro(4-STrt)-OH (2S,4R)

(2S,4R)-1-(9-Fluorenylmethyloxycarbonyl)-4-tritylmercapto-pyrrolidine-2-carboxylic acid

CAS-No. 281655-34-3
Formula C₃₉H₃₃NO₄S
Mol. weight 611,75 g/mol



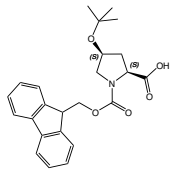
Hydroxyprolines

		Product details	
HAA1091	H-L- <i>trans</i> -Hyp-OMe*HCl		
	<i>trans</i> -L-Hydroxyproline methyl ester hydrochloride		
	CAS-No. 40216-83-9		
	Formula C ₆ H ₁₁ NO ₃ *HCl		
	Mol. weight 181,62 g/mol		
HAA1169	H-D- <i>trans</i> -Hyp-OH		
	<i>trans</i> -D-Hydroxyproline		
	CAS-No. 3398-22-9		
	Formula C ₅ H ₉ NO ₃		
	Mol. weight 131,13 g/mol		
HAA9550	H-L-Hyp-naphthylamide		
	(2S,4R)-4-hydroxy-N-(naphthalen-2-yl)pyrrolidine-2-carboxamide		
	CAS-No. 3326-64-5		
	Formula C ₁₅ H ₁₆ N ₂ O ₂		
	Mol. weight 256,31 g/mol		
FAA8460	Fmoc-L- <i>cis</i> -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		
FAA8455	Fmoc-L- <i>trans</i> -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		

FAA8155 Fmoc-L-*cis*-Hyp(tBu)-OH

N- α -(9-Fluorenylmethyloxycarbonyl)-O-*t*-butyl-*cis*-L-hydroxyproline

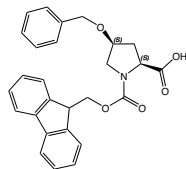
CAS-No. 464193-92-8
Formula C₂₄H₂₇NO₅
Mol. weight 409,46 g/mol



FAA7160 Fmoc-L-*cis*-Hyp(Bzl)-OH

(2S,4S)-N- α -(9-Fluorenylmethyloxycarbonyl)-4-oxybenzyl-L-proline

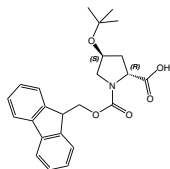
CAS-No. 1334671-64-5
Formula C₂₇H₂₅NO₅
Mol. weight 443,49 g/mol



FAA8740 Fmoc-D-*trans*-Hyp(tBu)-OH

N- α -(9-Fluorenylmethyloxycarbonyl)-O-*t*-butyl-*trans*-D-hydroxyproline

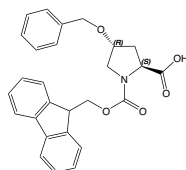
CAS-No. 268729-12-0
Formula C₂₄H₂₇NO₅
Mol. weight 409,48 g/mol



FAA1790 Fmoc-L-*trans*-Hyp(Bzl)-OH

(2S,4R)-N- α -(9-Fluorenylmethyloxycarbonyl)-4-oxybenzyl-L-proline

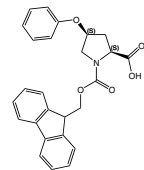
CAS-No. 174800-02-3
Formula C₂₇H₂₅NO₅
Mol. weight 443,49 g/mol



FAA5200 Fmoc-L-*cis*-Hyp(Ph)-OH

(2S,4S)-1-(9-Fluorenylmethyloxycarbonyl)-4-phenoxy-pyrrolidine-2-carboxylic acid

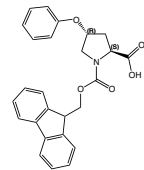
CAS-No. 1260617-48-8
Formula C₂₆H₂₃NO₅
Mol. weight 429,46 g/mol



FAA5210 Fmoc-L-*trans*-Hyp(Ph)-OH

(2S,4R)-1-(9-Fluorenylmethyloxycarbonyl)-4-phenoxy-pyrrolidine-2-carboxylic acid

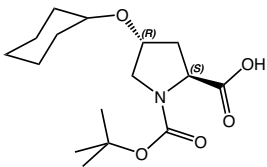
CAS-No. 1313390-76-9
Formula C₂₆H₂₃NO₅
Mol. weight 429,46 g/mol



BAA4350 Boc-L-*trans*-Hyp(cHx)-OH

(2S,4R)-1-*t*-Butyloxycarbonyl-4-(cyclohexyloxy)pyrrolidine-2-carboxylic acid

CAS-No. 757243-81-5
Formula C₁₆H₂₇NO₅
Mol. weight 313,39 g/mol



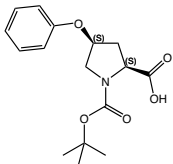
Product details



BAA3450 Boc-L-*cis*-Hyp(Ph)-OH

(2S,4S)-1-*t*-Butyloxycarbonyl-4-phenoxy-pyrrolidine-2-carboxylic acid

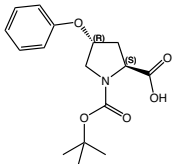
CAS-No. 147266-79-3
Formula C₁₆H₂₁NO₅
Mol. weight 307,34 g/mol



BAA3460 Boc-L-*trans*-Hyp(Ph)-OH

(2S,4R)-1-*t*-Butyloxycarbonyl-4-phenoxy-pyrrolidine-2-carboxylic acid

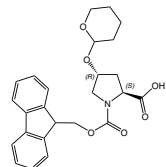
CAS-No. 147267-15-0
Formula C₁₆H₂₁NO₅
Mol. weight 307,34 g/mol



FAA9520 Fmoc-L-*trans*-Hyp(THP)-OH

(2S,4R)-1-(((9H-fluoren-9-yl)methoxy)carbonyl)-4-((tetrahydro-2H-pyran-2-yl)oxy)pyrrolidine-2-carboxylic acid

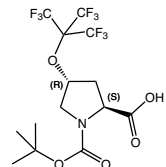
CAS-No. 625119-82-6
Formula C₂₅H₂₇NO₆
Mol. weight 437,49 g/mol



BAA3050 Boc-L-*trans*-Hyp(Nfb)-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-(nonafluoro-*t*-butyl)-*trans*-L-hydroxyproline

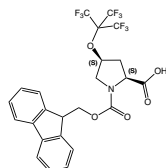
CAS-No. 1622989-55-2
Formula C₁₄H₁₆F₉NO₅
Mol. weight 449,27 g/mol



FAA4550 Fmoc-L-*cis*-Hyp(Nfb)-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-(nonafluoro-*t*-butyl)-*cis*-L-hydroxyproline

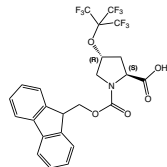
CAS-No. 1610605-22-5
Formula C₂₄H₁₈F₉NO₅
Mol. weight 571,39 g/mol



FAA4560 Fmoc-L-*trans*-Hyp(Nfb)-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-(nonafluoro-*t*-butyl)-*trans*-L-hydroxyproline

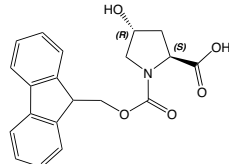
CAS-No. 1622172-75-1
Formula C₂₄H₁₈F₉NO₅
Mol. weight 571,39 g/mol



FAA1581 Fmoc-L-*trans*-Hyp-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-*trans*-L-hydroxyproline

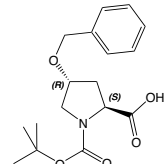
CAS-No. 88050-17-3
Formula C₂₀H₁₉NO₅
Mol. weight 353,38 g/mol



BAA1404 Boc-L-*trans*-Hyp(Bzl)-OH

N-alpha-*t*-Butyloxycarbonyl-4-O-benzyl-*trans*-L-hydroxyproline

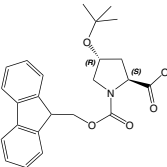
CAS-No. 54631-81-1
Formula C₁₇H₂₃NO₅
Mol. weight 321,36 g/mol



FAA1627 Fmoc-L-*trans*-Hyp(*t*Bu)-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-*t*-butyl-*trans*-L-hydroxyproline

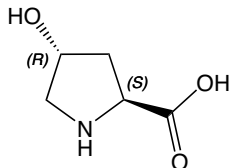
CAS-No. 122996-47-8
Formula C₂₄H₂₇NO₅
Mol. weight 409,46 g/mol



HAA1159 H-L-*trans*-Hyp-OH

trans-L-Hydroxyproline

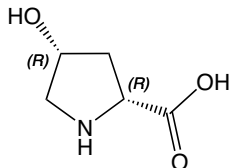
CAS-No. 51-35-4
Formula C₅H₉NO₃
Mol. weight 131,13 g/mol



HAA1171 H-D-*cis*-Hyp-OH

D-*cis*-Hydroxyproline

CAS-No. 2584-71-6
Formula C₅H₉NO₃
Mol. weight 131,13 g/mol



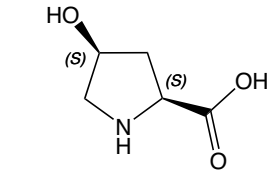
HAA1172 H-L-*cis*-Hyp-OH

L-*cis*-Hydroxyproline

CAS-No. 618-27-9

Formula C₅H₉NO₃

Mol. weight 131,13 g/mol



Product details



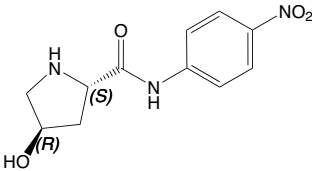
HAA1180 H-L-*trans*-Hyp-pNA*HCl

trans-L-Hydroxyproline *p*-nitroanilide hydrochloride

CAS-No. 1272755-15-3

Formula C₁₁H₁₃N₃O₄*HCl

Mol. weight 251,24*36,45 g/mol



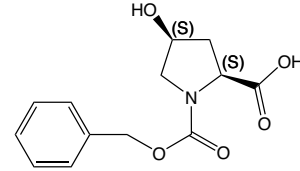
ZAA1179 Z-L-*cis*-Hyp-OH

cis-N- α -Benzyloxycarbonyl-L-hydroxyproline

CAS-No. 13504-86-4

Formula C₁₃H₁₅NO₅

Mol. weight 265,27 g/mol



Pseudoprolines

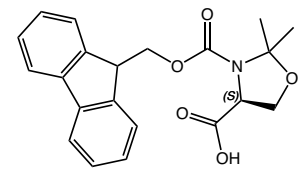
FAA8590 Fmoc-L-Ser[Psi(Me,Me)Pro]-OH

(S)-3-(N- α -(9-Fluorenylmethyloxycarbonyl)-2,2-dimethyloxazolidine-4-carboxylic acid

CAS-No. 1201651-31-1

Formula C₂₁H₂₁NO₅

Mol. weight 367,40 g/mol



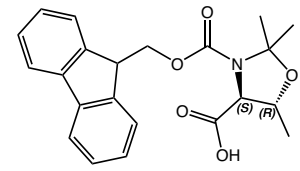
FAA8695 Fmoc-L-Thr[Psi(Me,Me)Pro]-OH

(4S,5R)-(N- α -(9-Fluorenylmethyloxycarbonyl)-2,2,5-trimethyl-1,3-oxazolidine-4-carboxylic acid

CAS-No. 2023823-19-8

Formula C₂₂H₂₃NO₅

Mol. weight 381,43 g/mol



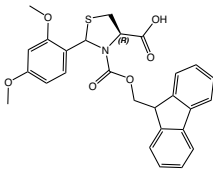
FAA9200 Fmoc-L-Thz(Dmp)-OH

(4R)-3-(((9H-fluoren-9-yl)methoxy)carbonyl)-2-(2,4-dimethoxyphenyl)thiazolidine-4-carboxylic acid

CAS-No. 2648642-22-0

Formula C₂₇H₂₅NO₆S

Mol. weight 491,56 g/mol



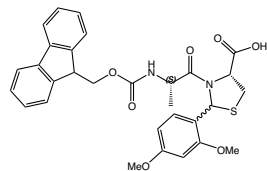
PSI1450 Fmoc-L-Ala-L-Cys[PSI(Dmp,H)pro]-OH

(S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-alanyl)-2-(2,4-dimethoxyphenyl)thiazolidine-4-carboxylic acid

CAS-No. 2022956-37-0

Formula C₃₀H₃₀N₂O₇S

Mol. weight 562,63 g/mol



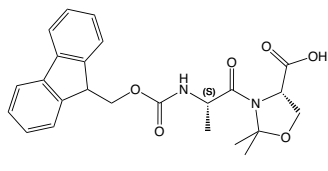
PSI1000 Fmoc-L-Ala-L-Ser[PSI(Me,Me)Pro]-OH

(S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-alanyl)-2,2-dimethyloxazolidine-4-carboxylic acid

CAS-No. 252554-78-2

Formula C₂₄H₂₆N₂O₆

Mol. weight 438,47 g/mol



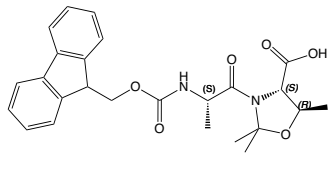
PSI1140 Fmoc-L-Ala-L-Thr[PSI(Me,Me)Pro]-OH

(4S,5R)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-alanyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid

CAS-No. 252554-79-3

Formula C₂₅H₂₈N₂O₆

Mol. weight 452,50 g/mol



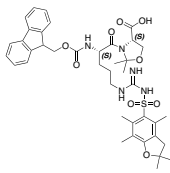
PSI1590 Fmoc-L-Arg(Pbf)-L-Ser[PSI(Me,Me)Pro]-OH

(S)-3-(N- α -(9-Fluorenylmethyloxycarbonyl)-N'-2,2,4,6,7-pentamethyldihydrobenzofuran-5-sulfonyl-L-arginyl)-2,2-dimethyloxazolidine-4-carboxylic acid

CAS-No. 2108145-17-9

Formula C₄₀H₄₉N₅O₉S

Mol. weight 775,91 g/mol

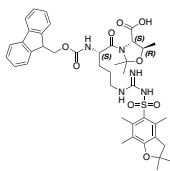


PSI1600 Fmoc-L-Arg(Pbf)-L-Thr[PSI(Me,Me)Pro]-OH

(4S,5R)-3-(N- α -(9-Fluorenylmethyloxycarbonyl)-N'-2,2,4,6,7-pentamethyldihydrobenzofuran-5-sulfonyl-L-arginyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid

Formula C₄₁H₅₁N₅O₉S

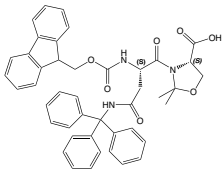
Mol. weight 789,94 g/mol



PSI1080 Fmoc-L-Asn(Trt)-L-Ser[PSI(Me,Me)Pro]-OH

(S)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-beta-trityl-L-asparaginy)-2,2-dimethyloxazolidine-4-carboxylic acid

CAS-No. 920519-33-1
Formula C₄₄H₄₁N₃O₇
Mol. weight 723,81 g/mol



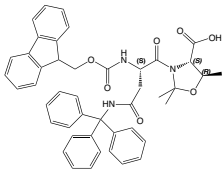
Product details



PSI1220 Fmoc-L-Asn(Trt)-L-Thr[PSI(Me,Me)Pro]-OH

(4S,5R)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-beta-trityl-L-asparaginy)-2,2,5-trimethyloxazolidine-4-carboxylic acid

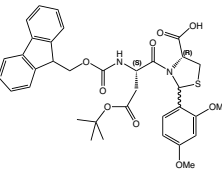
CAS-No. 957780-59-5
Formula C₄₅H₄₃N₃O₇
Mol. weight 737,84 g/mol



PSI1470 Fmoc-L-Asp(tBu)-L-Cys[PSI(Dmp,H)pro]-OH

(S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-beta-t-butyl-L-aspartyl)-2-(2,4-dimethoxyphenyl)thiazolidine-4-carboxylic acid

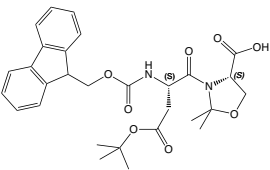
CAS-No. 1359754-16-7
Formula C₃₅H₃₉N₂O₉S
Mol. weight 662,75 g/mol



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

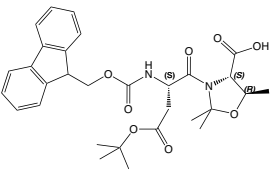
CAS-No. 955048-92-7
Formula C₂₉H₃₄N₂O₈
Mol. weight 538,59 g/mol



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

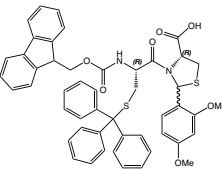
CAS-No. 920519-32-0
Formula C₃₀H₃₆N₂O₈
Mol. weight 552,62 g/mol



PSI1580 Fmoc-L-Cys(Trt)-L-Cys(Psi(Dmp,H)pro)-OH

(R)-3-(N-(9-Fluorenylmethyloxycarbonyl)-S-trityl-L-cysteiny)-2-(2,4-dimethoxyphenyl)thiazolidine-4-carboxylic acid

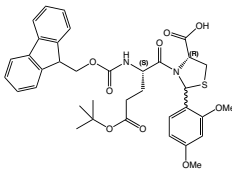
CAS-No. 2022956-75-6
Formula C₄₉H₄₄N₂O₅S₂
Mol. weight 837,01 g/mol



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

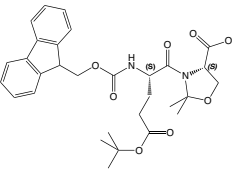
CAS-No. 2565804-44-4
Formula C₃₆H₄₀N₂O₅S
Mol. weight 676,78 g/mol



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

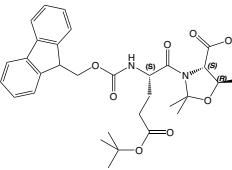
CAS-No. 909115-33-9
Formula C₃₀H₃₆N₂O₈
Mol. weight 552,62 g/mol



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-dimethyloxazolidine-4-carboxylic acid

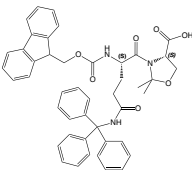
CAS-No. 957780-56-2
Formula C₃₁H₃₈N₂O₈
Mol. weight 566,64 g/mol



PSI1020 Fmoc-L-Gln(Trt)-L-Ser[PSI(Me,Me)Pro]-OH

(S)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-gamma-trityl-L-glutaminy)-2,2-dimethyloxazolidine-4-carboxylic acid

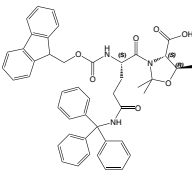
CAS-No. 1821378-64-6
Formula C₄₅H₄₃N₃O₇
Mol. weight 737,84 g/mol



PSI1160 Fmoc-L-Gln(Trt)-L-Thr[PSI(Me,Me)Pro]-OH

(4S,5R)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-gamma-trityl-L-glutaminy)-2,2,5-trimethyloxazolidine-4-carboxylic acid

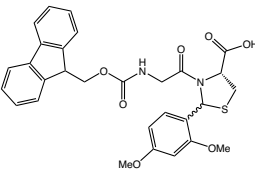
CAS-No. 1572725-72-4
Formula C₄₆H₄₅N₃O₇
Mol. weight 751,87 g/mol



PSI1440 Fmoc-Gly-L-Cys[PSI(Dmp,H)pro]-OH

(S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-glycyl)-2-(2,4-dimethoxyphenyl)thiazolidine-4-carboxylic acid

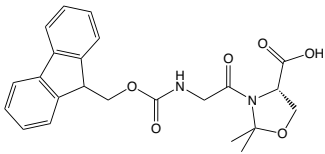
CAS-No. 1926163-05-4
Formula C₂₉H₂₈N₂O₅S
Mol. weight 548,61 g/mol



PSI1040 Fmoc-Gly-L-Ser[PSI(Me,Me)Pro]-OH

(S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-glyci-
nyl)-2,2-dimethyloxazolidine-4-carboxylic acid

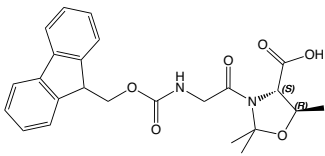
CAS-No. 1095952-22-9
Formula C₂₃H₂₄N₂O₆
Mol. weight 424,45 g/mol



PSI1180 Fmoc-Gly-L-Thr[PSI(Me,Me)Pro]-OH

(4S,5R)-3-(N-(9-Fluorenylmethyloxycarbonyl)-glyci-
nyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid

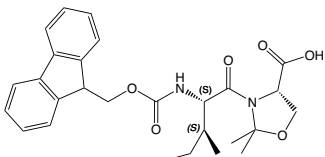
CAS-No. 1262308-49-5
Formula C₂₄H₂₆N₂O₆
Mol. weight 438,47 g/mol



PSI1050 Fmoc-L-Ile-L-Ser[PSI(Me,Me)Pro]-OH

(S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-isoleuci-
nyl)-2,2-dimethyloxazolidine-4-carboxylic acid

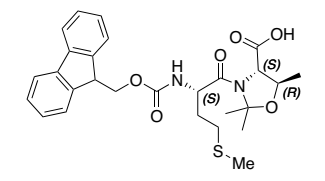
CAS-No. 1147996-34-6
Formula C₂₇H₃₂N₂O₆
Mol. weight 480,55 g/mol



PSI1610 Fmoc-L-Met-L-Thr[PSI(Me,Me)Pro]-OH

(4S,5R)-3-(N-alpha-(9-Fluorenylmethyloxycarbo-
nyl)-L-methionyl)-2,2,5-trimethyloxazolidine-4-car-
boxylic acid

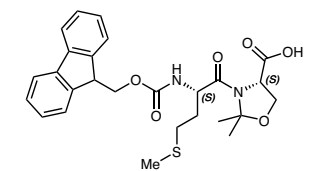
CAS-No. 1451181-13-7
Formula C₂₇H₃₂N₂O₆S
Mol. weight 512,62 g/mol



PSI1620 Fmoc-L-Met-L-Ser[PSI(Me,Me)Pro]-OH

(S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-methio-
nyl)-2,2-dimethyloxazolidine-4-carboxylic acid

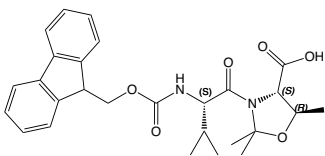
Formula C₂₆H₃₀N₂O₆S
Mol. weight 498,59 g/mol



PSI1250 Fmoc-L-Val-L-Thr[PSI(Me,Me)Pro]-OH

(4S,5R)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-vali-
nyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid

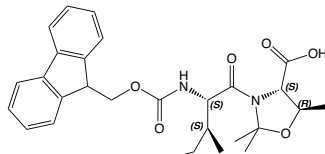
CAS-No. 168216-05-5
Formula C₂₇H₃₂N₂O₆
Mol. weight 480,55 g/mol



PSI1190 Fmoc-L-Ile-L-Thr[PSI(Me,Me)Pro]-OH

(4S,5R)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-isoleu-
cinyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid

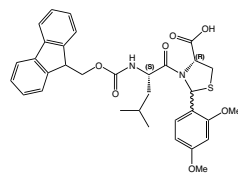
CAS-No. 252554-79-3
Formula C₂₈H₃₄N₂O₆
Mol. weight 494,58 g/mol



PSI1510 Fmoc-L-Leu-L-Cys[PSI(Dmp,H)pro]-OH

(S)-3-(N-(9-Fluorenylmethyloxycarbo-
nyl)-L-leucyl)-2-(2,4-dimethoxyphenyl)thiazoli-
ne-4-carboxylic acid

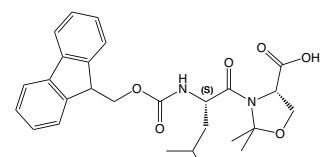
CAS-No. 1926163-06-5
Formula C₃₃H₃₆N₂O₇S
Mol. weight 604,71 g/mol



PSI1070 Fmoc-L-Leu-L-Ser[PSI(Me,Me)Pro]-OH

(S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-leuci-
nyl)-2,2-dimethyloxazolidine-4-carboxylic acid

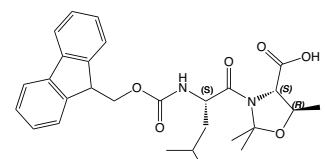
CAS-No. 339531-50-9
Formula C₂₇H₃₂N₂O₆
Mol. weight 480,55 g/mol



PSI1210 Fmoc-L-Leu-L-Thr[PSI(Me,Me)Pro]-OH

(4S,5R)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-leuci-
nyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid

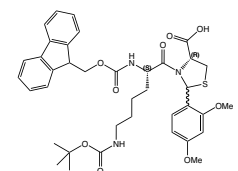
CAS-No. 955048-89-2
Formula C₂₈H₃₄N₂O₆
Mol. weight 494,58 g/mol



PSI1520 Fmoc-L-Lys(Boc)-L-Cys[PSI(Dmp,H)pro]-OH

(S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-N-epsi-
lon-*t*-butyloxycarbonyl-L-lysyl)-2-(2,4-dimethoxyphenyl)
thiazolidine-4-carboxylic acid

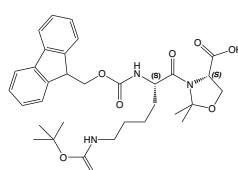
CAS-No. 1926163-07-6
Formula C₃₈H₄₅N₃O₉S
Mol. weight 719,84 g/mol



PSI1060 Fmoc-L-Lys(Boc)-L-Ser[PSI(Me,Me)Pro]-OH

(S)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-epsi-
lon-*t*-butyloxycarbonyl-L-lysyl)-2,2-dimethyloxazoli-
dine-4-carboxylic acid

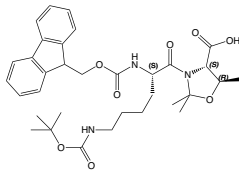
CAS-No. 957780-54-0
Formula C₃₂H₄₁N₃O₈
Mol. weight 595,68 g/mol



PSI1200 Fmoc-L-Lys(Boc)-L-Thr[PSI(Me,Me)Pro]-OH

(4S,5R)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-epsilon-t-butylloxycarbonyl-L-lysiny)-2,2,5-trimethyloxazolidine-4-carboxylic acid

CAS-No. 911838-56-7
Formula C₃₃H₄₃N₃O₈
Mol. weight 609,71 g/mol

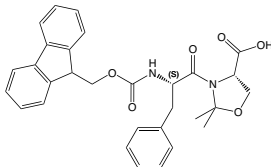


Product details

PSI1030 Fmoc-L-Phe-L-Ser[PSI(Me,Me)Pro]-OH

(S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-phenylalaninyl)-2,2-dimethyloxazolidine-4-carboxylic acid

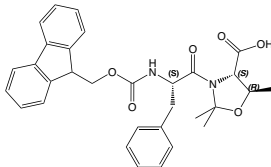
CAS-No. 878797-01-4
Formula C₃₀H₃₀N₂O₆
Mol. weight 514,57 g/mol



PSI1170 Fmoc-L-Phe-L-Thr[PSI(Me,Me)Pro]-OH

(4S,5R)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-phenylalaninyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid

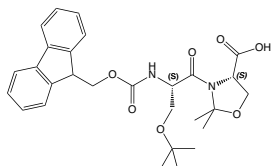
CAS-No. 1196703-48-6
Formula C₃₁H₃₂N₂O₆
Mol. weight 528,6 g/mol



PSI1100 Fmoc-L-Ser(tBu)-L-Ser[PSI(Me,Me)Pro]-OH

(S)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-t-butyl-L-serinyl)-2,2-dimethyloxazolidine-4-carboxylic acid

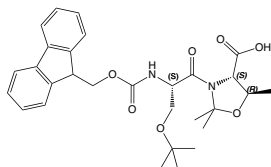
CAS-No. 1000164-43-1
Formula C₂₈H₃₄N₂O₇
Mol. weight 510,58 g/mol



PSI1240 Fmoc-L-Ser(tBu)-L-Thr[PSI(Me,Me)Pro]-OH

(4S,5R)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-t-butyl-L-serinyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid

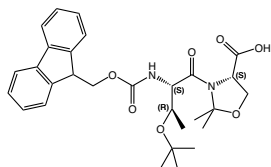
CAS-No. 1266350-99-5
Formula C₂₉H₃₆N₂O₇
Mol. weight 524,61 g/mol



PSI1430 Fmoc-Thr(tBu)-Ser(Psi(Me,Me)pro)-OH

(S)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-t-butyl-L-threonyl)-2,2-dimethyloxazolidine-4-carboxylic acid

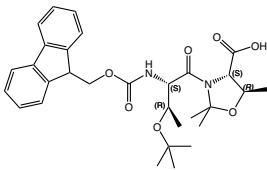
CAS-No. 1425938-63-1
Formula C₂₉H₃₆N₂O₇
Mol. weight 524,61 g/mol



PSI1420 Fmoc-L-Thr(tBu)-L-Thr[PSI(Me,Me)Pro]-OH

(4S,5R)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-t-butyl-L-threonine)-2,2,5-trimethyloxazolidine-4-carboxylic acid

CAS-No. 1676104-73-6
Formula C₃₀H₃₈N₂O₇
Mol. weight 538,63 g/mol

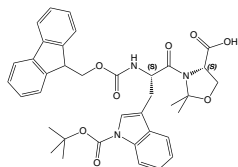


Product details

PSI1120 Fmoc-L-Trp(Boc)-L-Ser[PSI(Me,Me)Pro]-OH

(S)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-im-t-butylloxycarbonyl-L-tryptophanyl)-2,2-dimethyloxazolidine-4-carboxylic acid

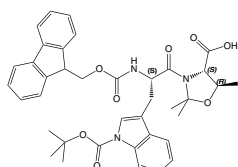
CAS-No. 908601-15-0
Formula C₃₇H₃₉N₃O₈
Mol. weight 653,72 g/mol



PSI1260 Fmoc-L-Trp(Boc)-L-Thr[PSI(Me,Me)Pro]-OH

(4S,5R)-3-(N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-im-t-butylloxycarbonyl-L-tryptophanyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid

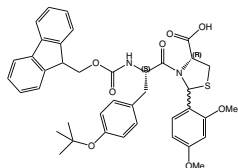
CAS-No. 936707-21-0
Formula C₃₈H₄₁N₃O₈
Mol. weight 667,75 g/mol



PSI1560 Fmoc-L-Tyr(tBu)-L-Cys[PSI(Dmp,H)pro]-OH

(S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-O-t-butyl-L-tyrosyl)-2-(2,4-dimethoxyphenyl)thiazolidine-4-carboxylic acid

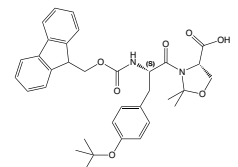
Formula C₄₀H₄₂N₂O₈S
Mol. weight 710,84 g/mol



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

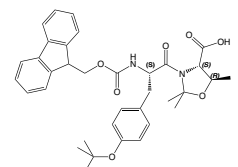
CAS-No. 878797-09-2
Formula C₃₄H₃₈N₂O₇
Mol. weight 586,67 g/mol



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

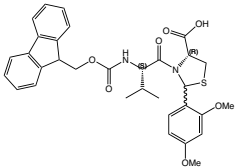
CAS-No. 920519-31-9
Formula C₃₅H₄₀N₂O₇
Mol. weight 600,7 g/mol



PSI1570 Fmoc-L-Val-L-Cys[PSI(Dmp,H)pro]-OH

(S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-valyl)-2-(2,4-dimethoxyphenyl)thiazolidine-4-carboxylic acid

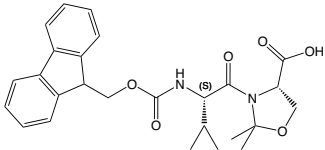
CAS-No. 1926163-08-7
Formula C₃₂H₃₄N₂O₇S
Mol. weight 590,69 g/mol



PSI1110 Fmoc-L-Val-L-Ser[PSI(Me,Me)Pro]-OH

(S)-3-(N-(9-Fluorenylmethyloxycarbonyl)-L-valinyl)-2,2-dimethyloxazolidine-4-carboxylic acid

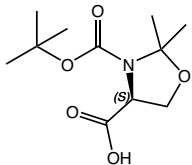
CAS-No. 186023-49-4
Formula C₂₆H₃₀N₂O₆
Mol. weight 466,53 g/mol



PSI1630 Boc-L-Ser[Psi(Me,Me)Pro]-OH

(S)-3-(tert-butoxycarbonyl)-2,2-dimethyloxazolidine-4-carboxylic acid

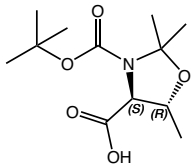
CAS-No. 139009-66-8
Formula C₁₁H₁₉NO₅
Mol. weight 245,28 g/mol



PSI1640 Boc-L-Thr[Psi(Me,Me)Pro]-OH

(4S,5R)-3-(tert-butyloxycarbonyl)-2,2,5-trimethyloxazolidine-4-carboxylic acid

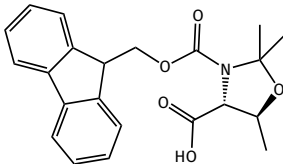
CAS-No. 143364-85-6
Formula C₁₂H₂₁NO₅
Mol. weight 259,30 g/mol



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 C₂₂H₂₃NO₅
Mol. weight 381,43 g/mol



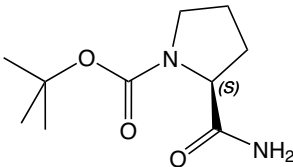
Product details

Other Proline Derivatives

BAA1199 Boc-L-Pro-NH₂

N-alpha-t-Butyloxycarbonyl-L-proline amide

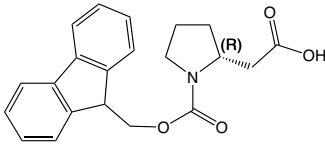
CAS-No. 35150-07-3
Formula C₁₀H₁₈N₂O₃
Mol. weight 214,26 g/mol



FAA6610 Fmoc-D-beta-HPro-OH

N-beta-(9-Fluorenylmethyloxycarbonyl)-D-homoproline

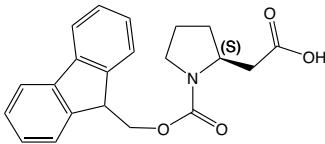
CAS-No. 193693-61-7
Formula C₂₁H₂₁NO₄
Mol. weight 351,4 g/mol



FAA6730 Fmoc-L-beta-HPro-OH

N-beta-(9-Fluorenylmethyloxycarbonyl)-L-homoproline

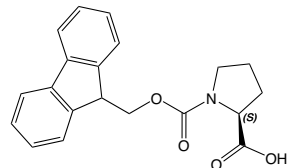
CAS-No. 193693-60-6
Formula C₂₁H₂₁NO₄
Mol. weight 351,4 g/mol



FAA1185 Fmoc-L-Pro-OH*H₂O

N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-proline monohydrate

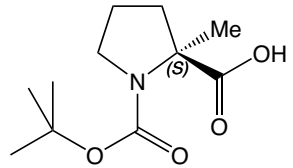
CAS-No. 71989-31-6
Formula C₂₀H₁₉NO₄*H₂O
Mol. weight 337,40*18,01 g/mol



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



Product details

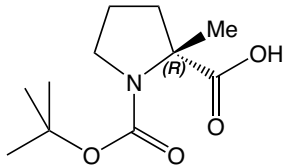
BAA1915 Boc-alpha-Me-D-Pro-OH

N-alpha-t-Butyloxycarbonyl-alpha-Methyl-D-proline

CAS-No. 166170-15-6

Formula C₁₁H₁₉NO₄

Mol. weight 229,27 g/mol



Product details



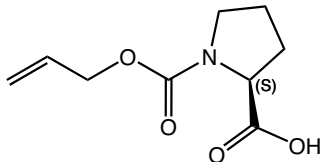
AAA2090 Aloc-Pro-OH*DCHA

N-alpha-Allyloxycarbonyl-L-proline dicyclohexylamine

CAS-No. 110637-45-1

Formula C₉H₁₃NO₄*C₁₂H₂₃N

Mol. weight 199,20*181,32 g/mol



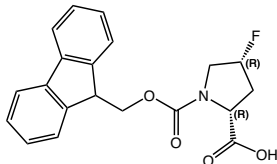
FAA6990 Fmoc-D-Pro(4-F)-OH (2R,4R)

N-alpha-(9-Fluorenylmethoxycarbonyl)-cis-4-fluoro-D-proline

CAS-No. 1932387-77-3

Formula C₂₀H₁₈FNO₄

Mol. weight 355,36 g/mol



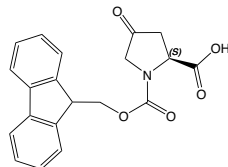
FAA1786 Fmoc-L-Pro(4-keto)-OH

(S)-N-alpha-(9-Fluorenylmethoxycarbonyl)-4-oxo-proline solvate

CAS-No. 223581-83-7

Formula C₂₀H₁₇NO₅

Mol. weight 351,36 g/mol



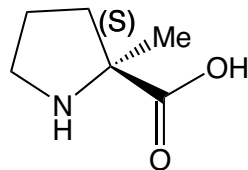
HAA1228 H-alpha-Me-L-Pro-OH

alpha-Methyl-L-proline

CAS-No. 42856-71-3

Formula C₆H₁₁NO₂

Mol. weight 129,16 g/mol



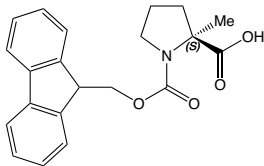
FAA2060 Fmoc-alpha-Me-L-Pro-OH

N-alpha-(9-Fluorenylmethoxycarbonyl)-alpha-Methyl-L-proline

CAS-No. 167275-47-0

Formula C₂₁H₂₁NO₄

Mol. weight 351,4 g/mol



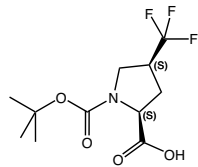
BAA2920 Boc-L-Pro(4-CF₃)-OH (2S,4S)

(2S,4S)-1-t-Butyloxycarbonyl-4-trifluoromethyl-pyrrolidine-2-carboxylic acid

CAS-No. 470482-41-8

Formula C₁₁H₁₆F₃NO₄

Mol. weight 283,24 g/mol



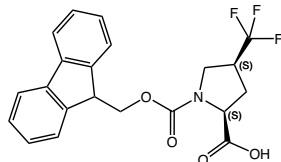
FAA4320 Fmoc-L-Pro(4-CF₃)-OH (2S,4S)

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

CAS-No. 1242934-32-2

Formula C₂₁H₁₈F₃NO₄

Mol. weight 405,37 g/mol



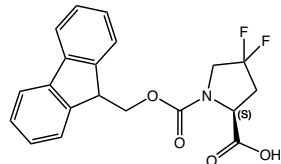
FAA4290 Fmoc-L-Pro(4,4-F₂)-OH

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

CAS-No. 203866-21-1

Formula C₂₀H₁₇F₂NO₄

Mol. weight 373,36 g/mol



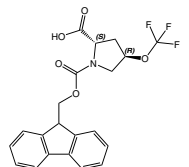
FAA8305 Fmoc-L-Pro(4-OCF₃)-OH (2S,4R)

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

CAS-No. 2580090-37-3

Formula C₂₁H₁₈F₃NO₅

Mol. weight 421,37 g/mol



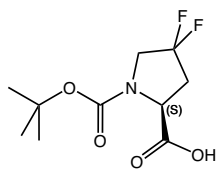
BAA2950 Boc-L-Pro(4,4-F₂)-OH

(S)-1-t-Butyloxycarbonyl-4,4-difluoro-pyrrolidine-2-carboxylic acid

CAS-No. 203866-15-3

Formula C₁₀H₁₅F₂NO₄

Mol. weight 251,23 g/mol



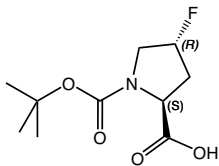
BAA2930 Boc-L-Pro(4-F)-OH (2S,4R)

(2S,4R)-1-t-Butyloxycarbonyl-4-fluoro-pyrrolidine-2-carboxylic acid

CAS-No. 203866-14-2

Formula C₁₀H₁₆FNO₄

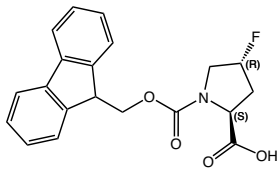
Mol. weight 233,24 g/mol



FAA4300 Fmoc-L-Pro(4-F)-OH (2S,4R)

(2S,4R)-1-(9-Fluorenylmethyloxycarbonyl)-4-fluoro-pyrrolidine-2-carboxylic acid

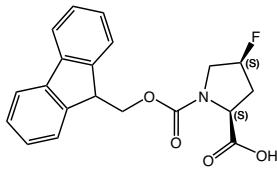
CAS-No. 203866-20-0
Formula C₂₀H₁₈FNO₄
Mol. weight 355,36 g/mol



FAA4310 Fmoc-L-Pro(4-F)-OH (2S,4S)

(2S,4S)-1-(9-Fluorenylmethyloxycarbonyl)-4-fluoro-pyrrolidine-2-carboxylic acid

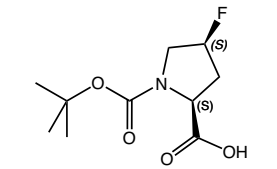
CAS-No. 203866-19-7
Formula C₂₀H₁₈FNO₄
Mol. weight 355,36 g/mol



BAA2940 Boc-L-Pro(4-F)-OH (2S,4S)

(2S,4S)-1-t-Butyloxycarbonyl-4-fluoro-pyrrolidine-2-carboxylic acid

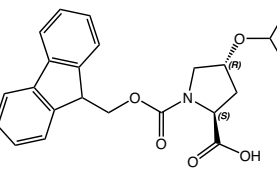
CAS-No. 203866-13-1
Formula C₁₀H₁₆FNO₄
Mol. weight 233,24 g/mol



FAA8400 Fmoc-L-Pro(4-OCF₂H)-OH (2S,4R)

(2S,4R)-1-(9-Fluorenylmethyloxycarbonyl)-4-difluoromethoxy-pyrrolidine-2-carboxylic acid

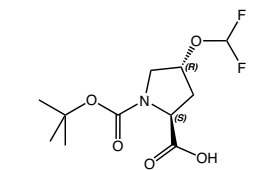
CAS-No. 2382632-22-4
Formula C₂₁H₁₉F₂NO₅
Mol. weight 403,38 g/mol



BAA4540 Boc-L-Pro(4-OCF₂H)-OH

(2S,4R) (2S,4R)-1-t-Butyloxycarbonyl-4-difluoromethoxy-pyrrolidine-2-carboxylic acid

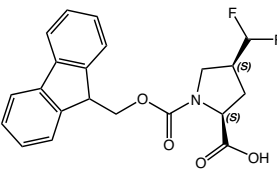
CAS-No. 1807939-39-4
Formula C₁₁H₁₇F₂NO₅
Mol. weight 281,26 g/mol



FAA8370 Fmoc-L-Pro(4-CF₂H)-OH (2S,4S)

(2S,4S)-1-(9-Fluorenylmethyloxycarbonyl)-4-difluoromethyl-pyrrolidine-2-carboxylic acid

CAS-No. 2808651-95-6
Formula C₂₁H₁₉F₂NO₄
Mol. weight 387,38 g/mol

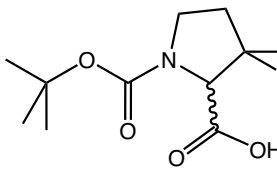


Product details

BAA4420 Boc-Pro(3,3-F₂)-OH (RS)

1-t-Butyloxycarbonyl-3,3-difluoro-pyrrolidine-2-carboxylic acid, rac.

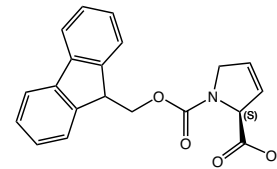
CAS-No. 1822567-84-9
Formula C₁₀H₁₅F₂NO₄
Mol. weight 251,23 g/mol



FAA1766 Fmoc-3,4-dehydroPro-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-3,4-dehydro-L-proline

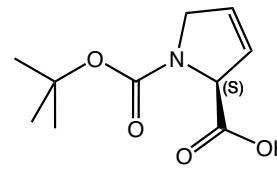
CAS-No. 135837-63-7
Formula C₂₀H₁₇NO₄
Mol. weight 335,34 g/mol



BAA1460 Boc-3,4-dehydroPro-OH

N-alpha-t-Butyloxycarbonyl-3,4-dehydro-L-proline

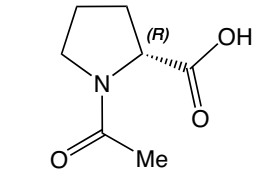
CAS-No. 51154-06-4
Formula C₁₀H₁₅NO₄
Mol. weight 213,23 g/mol



AAA1931 Ac-D-Pro-OH

N-alpha-Acetyl-D-proline

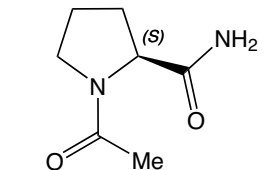
CAS-No. 59785-68-1
Formula C₇H₁₁NO₃
Mol. weight 157,17 g/mol



AAA1938 Ac-L-Pro-NH₂

N-alpha-Acetyl-L-proline amide

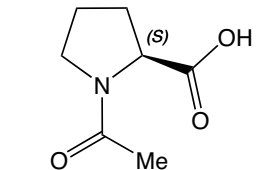
CAS-No. 16395-58-7
Formula C₇H₁₂N₂O₂
Mol. weight 156,18 g/mol



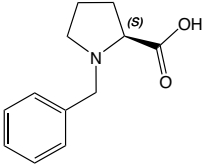
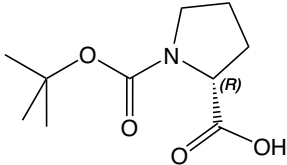
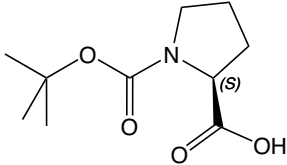
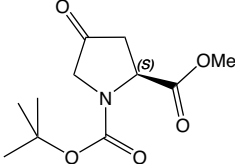
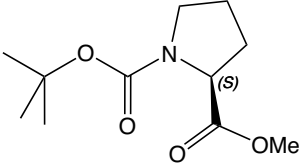
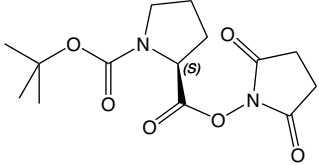
AAA1939 Ac-L-Pro-OH

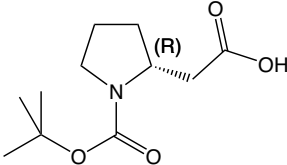
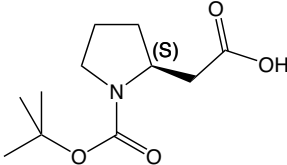
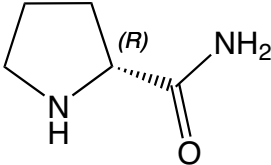
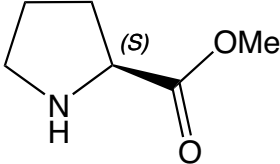
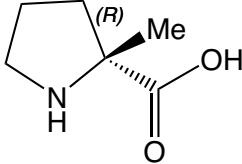
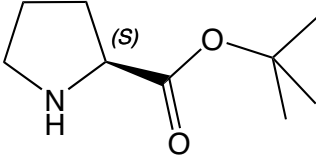
N-alpha-Acetyl-L-proline

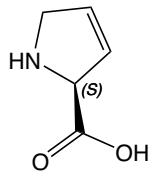
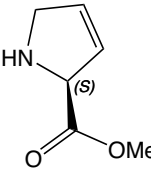
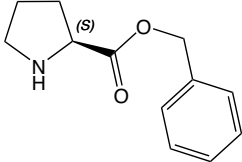
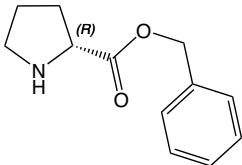
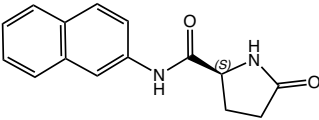
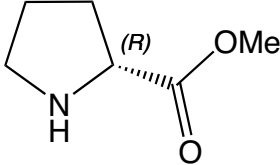
CAS-No. 68-95-1
Formula C₇H₁₁NO₃
Mol. weight 157,17 g/mol

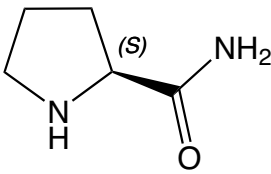
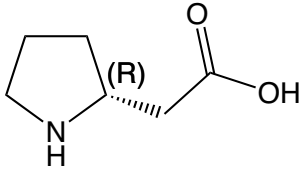
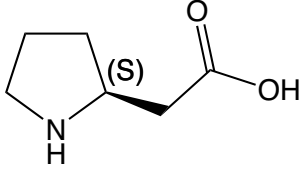
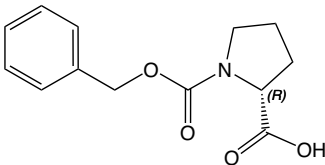
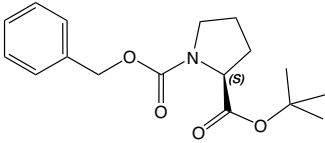
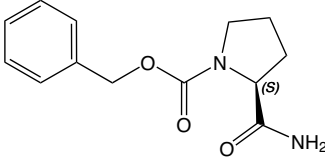


Product details

Product details	
BAA0038 Bzl-L-Pro-OH N-alpha-Benzyl-L-proline CAS-No. 31795-93-4 Formula C₁₂H₁₅NO₂ Mol. weight 205,25 g/mol  	
BAA1052 Boc-D-Pro-OH N-alpha-t-Butyloxycarbonyl-D-proline CAS-No. 37784-17-1 Formula C₁₀H₁₇NO₄ Mol. weight 215,25 g/mol  	
BAA1130 Boc-L-Pro-OH N-alpha-t-Butyloxycarbonyl-L-proline CAS-No. 15761-39-4 Formula C₁₀H₁₇NO₄ Mol. weight 215,25 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 C₁₀H₁₇NO₅ Mol. weight 243,26 g/mol  	
BAA5900 Boc-L-Pro-OMe N-alpha-t-Butyloxycarbonyl-L-proline methyl ester CAS-No. 59936-29-7 Formula C₁₁H₁₉NO₄ Mol. weight 229,27 g/mol  	
BAA5910 Boc-L-Pro-OSu N-alpha-t-Butyloxycarbonyl-L-proline succinimidyl ester CAS-No. 3392-10-7 Formula C₁₄H₂₀N₂O₆ 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 C₁₁H₁₉NO₄ Mol. weight 229,27 g/mol  	
BAA6230 Boc-L-beta-HPro-OH N-beta-(t-Butyloxycarbonyl)-L-homoproline CAS-No. 56502-01-3 Formula C₁₁H₁₉NO₄ Mol. weight 229,27 g/mol  	
HAA1047 H-D-Pro-NH₂*HCl D-Proline amide hydrochloride CAS-No. 50894-62-7 Formula C₅H₁₀N₂O*HCl Mol. weight 114,15*36,45 g/mol  	
HAA1127 H-L-Pro-OMe*HCl L-Proline methyl ester hydrochloride CAS-No. 2133-40-6 Formula C₆H₁₁NO₂*HCl Mol. weight 129,16*36,45 g/mol  	
HAA1561 H-alpha-Me-D-Pro-OH alpha-Methyl-D-proline CAS-No. 63399-77-9 Formula C₆H₁₁NO₂ Mol. weight 129,2 g/mol  	
HAA1610 H-L-Pro-OtBu*HCl L-Proline t-butyl ester hydrochloride CAS-No. 5497-76-7 Formula C₉H₁₇NO₂*HCl Mol. weight 171,24*36,45 g/mol  	

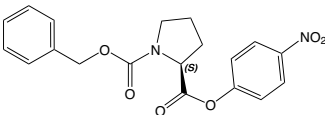
Product details		
HAA6180 H-3,4-dehydroPro-OH 3,4-Dehydro-L-proline CAS-No. 4043-88-3 Formula C₅H₇NO₂ Mol. weight 113,11 g/mol  		
HAA6190 H-3,4-dehydroPro-OMe*HCl 3,4-Dehydro-L-proline methyl ester hydrochloride CAS-No. 186145-08-4 Formula C₆H₉NO₂*HCl Mol. weight 127,14*36,45 g/mol  		
HAA7170 H-L-Pro-OBzl*HCl L-Proline benzyl ester hydrochloride CAS-No. 16652-71-4 Formula C₁₂H₁₅NO₂*HCl Mol. weight 205,25*36,45 g/mol  		
HAA6500 H-D-Pro-OBzl*HCl D-Proline benzyl ester hydrochloride CAS-No. 53843-90-6 Formula C₁₂H₁₅NO₂*HCl Mol. weight 205,25*36,45 g/mol  		
ANN1020 Pyr-naphthylamide (S)-N-(naphthalen-2-yl)-5-oxopyrrolidine-2-carboxamide CAS-No. 22155-91-5 Formula C₁₅H₁₄N₂O₂ Mol. weight 254,29 g/mol  		
HAA6510 H-D-Pro-OMe*HCl D-Proline methyl ester hydrochloride CAS-No. 65365-28-8 Formula C₆H₁₁NO₂*HCl Mol. weight 129,16*36,45 g/mol  		

Product details		
HAA7160 H-L-Pro-NH₂ L-Proline amide CAS-No. 7531-52-4 Formula C₅H₁₀N₂O Mol. weight 114,12 g/mol  		
HAA8450 H-D-beta-HPro-OH*HCl D-beta-Homoproline hydrochloride CAS-No. 439918-59-9 Formula C₆H₁₁NO₂*HCl Mol. weight 129,16*36,45 g/mol  		
HAA8560 H-L-beta-HPro-OH*HCl L-beta-Homoproline CAS-No. 53912-85-9 Formula C₆H₁₁NO₂*HCl Mol. weight 129,16*36,45 g/mol  		
ZAA1138 Z-D-Pro-OH N-alpha-Benzyloxycarbonyl-D-proline CAS-No. 6404-31-5 Formula C₁₃H₁₅NO₄ Mol. weight 249,27 g/mol  		
ZAA1172 Z-L-Pro-OtBu N-alpha-Benzyloxycarbonyl-L-proline t-butyl ester CAS-No. 16881-39-3 Formula C₁₇H₂₃NO₄ Mol. weight 305,37 g/mol  		
ZAA1241 Z-L-Pro-NH₂ N-alpha-Benzyloxycarbonyl-L-proline amide CAS-No. 34079-31-7 Formula C₁₃H₁₆N₂O₃ Mol. weight 248,28 g/mol  		

ZAA1242 Z-L-Pro-ONp

N- α -Benzyloxycarbonyl-L-proline *p*-nitrophenyl ester

CAS-No. 3304-59-4
Formula C₁₉H₁₈N₂O₆
Mol. weight 370,35 g/mol

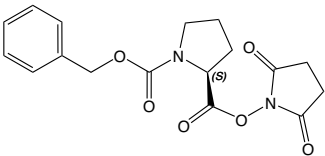


Product details

ZAA1243 Z-L-Pro-OSu

N- α -Benzyloxycarbonyl-L-proline succinimidyl ester

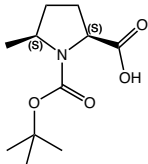
CAS-No. 3397-33-9
Formula C₁₇H₁₈N₂O₆
Mol. weight 346,33 g/mol



BAA3440 Boc-L-Pro(5-Me)-OH (2S,5S)

Boc-L-Pro(5-Me)-OH (2S,5S)

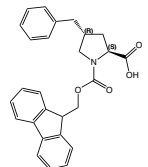
CAS-No. 334769-80-1
Formula C₁₁H₁₉NO₄
Mol. weight 229,27 g/mol



FAA5190 Fmoc-L-Pro(4-Bzl)-OH (2S,4R)

(2S,4R)-1-(9-Fluorenylmethyloxycarbonyl)-4-benzyl-pyrrolidine-2-carboxylic acid

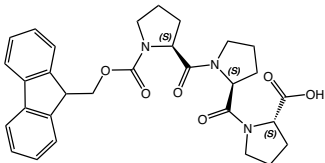
CAS-No. 1158891-05-4
Formula C₂₇H₂₅NO₄
Mol. weight 427,49 g/mol



FDP1450 Fmoc-L-Pro-L-Pro-L-Pro-OH

N- α -(9-Fluorenylmethyloxycarbonyl)-L-prolyl-L-prolyl-L-proline

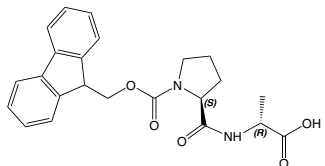
CAS-No. 134303-96-1
Formula C₃₀H₃₃N₃O₆
Mol. weight 531,61 g/mol



FDP1460 Fmoc-L-Pro-D-Ala-OH

((9H-fluoren-9-yl)methoxy)carbonyl-L-prolyl-D-alanine

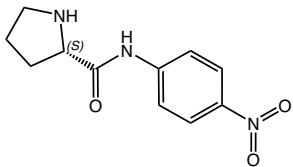
CAS-No. 144574-97-0
Formula C₂₃H₂₄N₂O₅
Mol. weight 408,45 g/mol



HAA9575 H-L-Pro-nitrophenylamide

(S)-N-(4-nitrophenyl)pyrrolidine-2-carboxamide

CAS-No. 7369-91-7
Formula C₁₁H₁₃N₃O₃
Mol. weight 235,24 g/mol



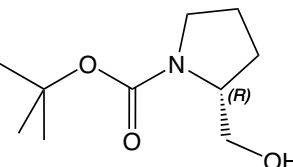
Product details

Prolinol Derivatives

BAL1031 Boc-D-Prolinol

(R)-N-t-Butyloxycarbonyl-2-pyrrolidinemethanol

CAS-No. 83435-58-9
Formula C₁₀H₁₉NO₃
Mol. weight 201,27 g/mol

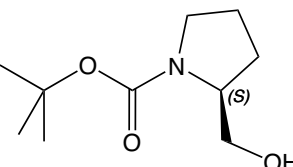


Product details

BAL1010 Boc-L-Prolinol

(S)-N-t-Butyloxycarbonyl-2-pyrrolidinemethanol

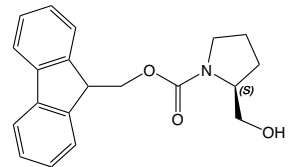
CAS-No. 69610-40-8
Formula C₁₀H₁₉NO₃
Mol. weight 201,27 g/mol



FAL1002 Fmoc-L-Prolinol

(S)-Fmoc-2-(hydroxymethyl)pyrrolidine

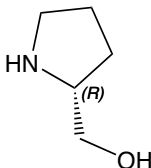
CAS-No. 148625-77-8
Formula C₂₀H₂₁NO₃
Mol. weight 323,4 g/mol



HAL1025 D-Prolinol

(R)-2-Hydroxymethylpyrrolidone

CAS-No. 68832-13-3
Formula C₅H₁₁NO
Mol. weight 101,15 g/mol



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