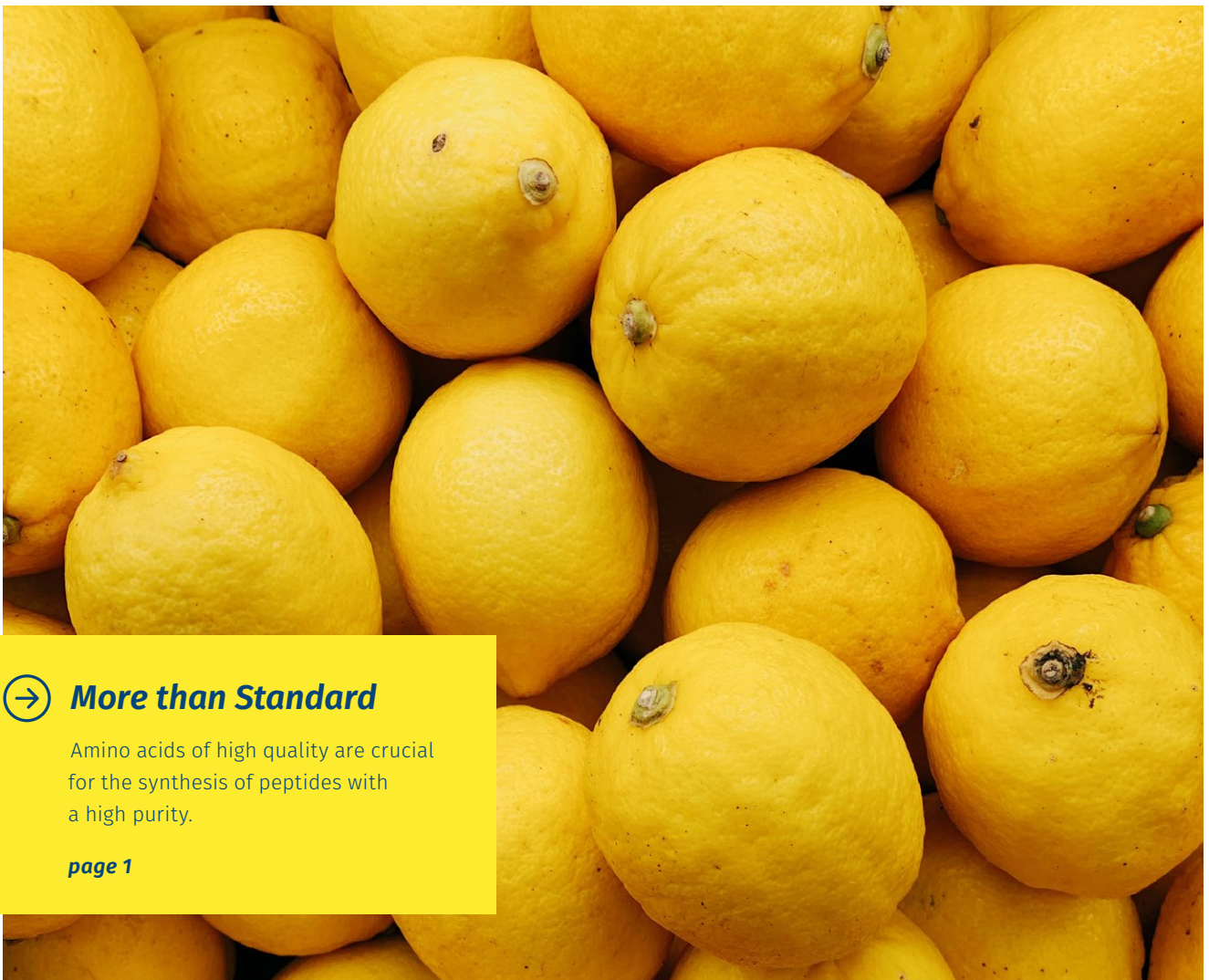




Iris
Biotech

FMOC STANDARD AMINO ACIDS

L-Isomers



→ **More than Standard**

Amino acids of high quality are crucial for the synthesis of peptides with a high purity.

page 1

High (enantiomeric) purities.

page 1

Availability from research scale to bulk quantities.

page 1

Catalog quantities available from stock.

page 1



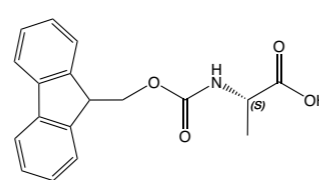

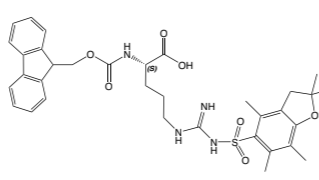

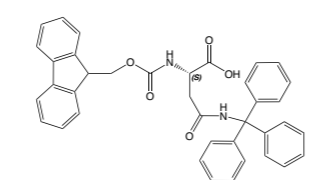

Version: 1F12_2

Fmoc Standard Amino Acids

L-Isomers

General Information

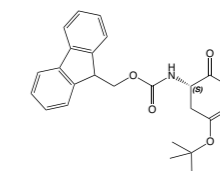
Amino acids of high quality are crucial for the synthesis of peptides with a high purity. Utilizing building blocks of lower quality may have a negative impact on coupling efficiency, resulting in difficult purifications and low overall yields. Most of our standard Fmoc-L-amino acids are specified with a purity of $\geq 99.0\%$, an enantiomeric purity of $\geq 99.8\%$ (or $\leq 0.2\%$ of D-enantiomer), as well as a free amino acid content of less than 0.2%. All L- and D-enantiomers of our standard Fmoc building blocks can be supplied in 100+ kg quantities, and are produced in Europe in a GMP-environment that can be audited if required. All catalog quantities of our standard Fmoc building blocks are available from stock and will be shipped within 24 hours of your order (excluding weekends).

| | | Product details | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| <p>FAA1005 Fmoc-L-Ala-OH*H₂O N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-alanine, monohydrate</p> <p>CAS-No. 35661-39-3 Formula C₁₈H₁₇NO₄*H₂O Mol. weight 311,34*18,01 g/mol</p> |  |  | |
| <p>FAA1010 Fmoc-L-Arg(Pbf)-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-N'-2,2,4,6,7-pentamethyldihydrobenzofuran-5-sulfonyl-L-arginine</p> <p>CAS-No. 154445-77-9 Formula C₃₄H₄₀N₄O₇S Mol. weight 648,8 g/mol</p> |  |  | |
| <p>FAA1015 Fmoc-L-Asn(Trt)-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-beta-trityl-L-asparagine</p> <p>CAS-No. 132388-59-1 Formula C₃₈H₃₂N₂O₅ Mol. weight 596,7 g/mol</p> |  |  | |

FAA1020 Fmoc-L-Asp(OtBu)-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-aspartic acid beta-t-butyl ester

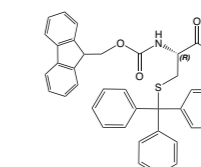
CAS-No. 71989-14-5
 Formula C₂₃H₂₅NO₆
 Mol. weight 411,45 g/mol



FAA1040 Fmoc-L-Cys(Trt)-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-S-trityl-L-cysteine

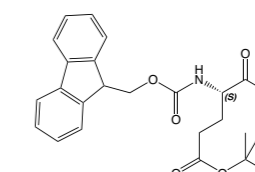
CAS-No. 103213-32-7
 Formula C₃₇H₃₁NO₄S
 Mol. weight 585,71 g/mol



FAA1045 Fmoc-L-Glu(OtBu)-OH*H₂O

N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-glutamic-acid-gamma-t-butyl ester monohydrate

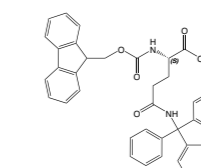
CAS-No. 71989-18-9
 Formula C₂₄H₂₇NO₆*H₂O
 Mol. weight 425,50*18,01 g/mol



FAA1043 Fmoc-L-Gln(Trt)-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-gamma-trityl-L-glutamine

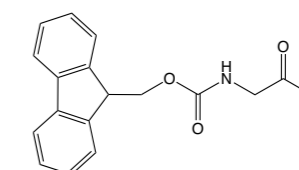
CAS-No. 132327-80-1
 Formula C₃₉H₃₄N₂O₅
 Mol. weight 610,72 g/mol



FAA1050 Fmoc-Gly-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-glycine

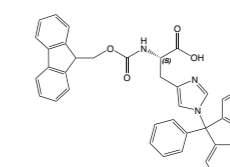
CAS-No. 29022-11-5
 Formula C₁₇H₁₅NO₄
 Mol. weight 297,3 g/mol

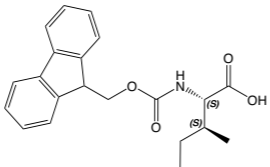

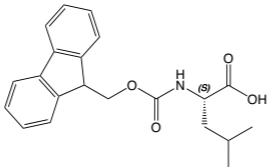

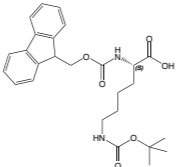

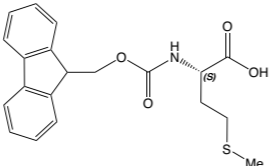

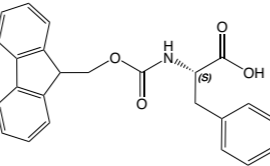

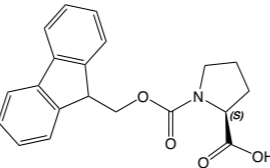



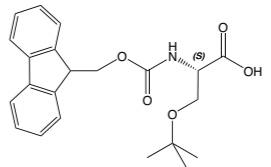

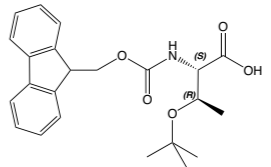

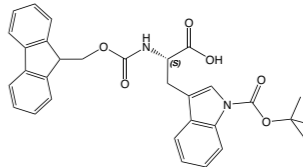

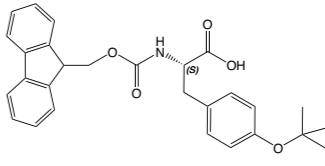

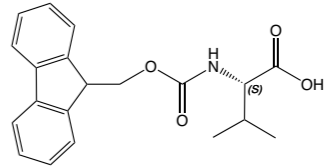

FAA1090 Fmoc-L-His(Trt)-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-im-trityl-L-histidine

CAS-No. 109425-51-6
 Formula C₄₀H₃₃N₃O₄
 Mol. weight 619,7 g/mol



| | | Product details | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| <p>FAA1110 Fmoc-L-Ile-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-isoleucine CAS-No. 71989-23-6 Formula $C_{21}H_{23}NO_4$ Mol. weight 353,4 g/mol</p> |  |  | |
| <p>FAA1120 Fmoc-L-Leu-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-leucine CAS-No. 35661-60-0 Formula $C_{21}H_{23}NO_4$ Mol. weight 353,4 g/mol</p> |  |  | |
| <p>FAA1125 Fmoc-L-Lys(Boc)-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-epsilon-t-butylloxycarbonyl-L-lysine CAS-No. 71989-26-9 Formula $C_{26}H_{32}N_2O_6$ Mol. weight 468,53 g/mol</p> |  |  | |
| <p>FAA1150 Fmoc-L-Met-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-methionine CAS-No. 71989-28-1 Formula $C_{20}H_{21}NO_4S$ Mol. weight 371,45 g/mol</p> |  |  | |
| <p>FAA1175 Fmoc-L-Phe-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-phenylalanine CAS-No. 35661-40-6 Formula $C_{24}H_{21}NO_4$ Mol. weight 387,40 g/mol</p> |  |  | |
| <p>FAA1185 Fmoc-L-Pro-OH*H₂O N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-proline monohydrate CAS-No. 71989-31-6 Formula $C_{20}H_{19}NO_4 \cdot H_2O$ Mol. weight 337,40*18,01 g/mol</p> |  |  | |

| | | Product details | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| <p>FAA1190 Fmoc-L-Ser(tBu)-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-t-butyl-L-serine CAS-No. 71989-33-8 Formula $C_{22}H_{25}NO_5$ Mol. weight 383,4 g/mol</p> |  |  | |
| <p>FAA1210 Fmoc-L-Thr(OtBu)-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-t-butyl-L-threonine CAS-No. 71989-35-0 Formula $C_{23}H_{27}NO_5$ Mol. weight 397,47 g/mol</p> |  |  | |
| <p>FAA1225 Fmoc-L-Trp(Boc)-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-in-t-butylloxycarbonyl-L-tryptophan CAS-No. 143824-78-6 Formula $C_{31}H_{30}N_2O_6$ Mol. weight 526,6 g/mol</p> |  |  | |
| <p>FAA1230 Fmoc-L-Tyr(tBu)-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-t-butyl-L-tyrosine CAS-No. 71989-38-3 Formula $C_{28}H_{29}NO_5$ Mol. weight 459,54 g/mol</p> |  |  | |
| <p>FAA1245 Fmoc-L-Val-OH N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-valine CAS-No. 68858-20-8 Formula $C_{20}H_{21}NO_4$ Mol. weight 339,39 g/mol</p> |  |  | |

Notes

Two columns of horizontal dashed lines for taking notes.

Empowering Peptide Innovation