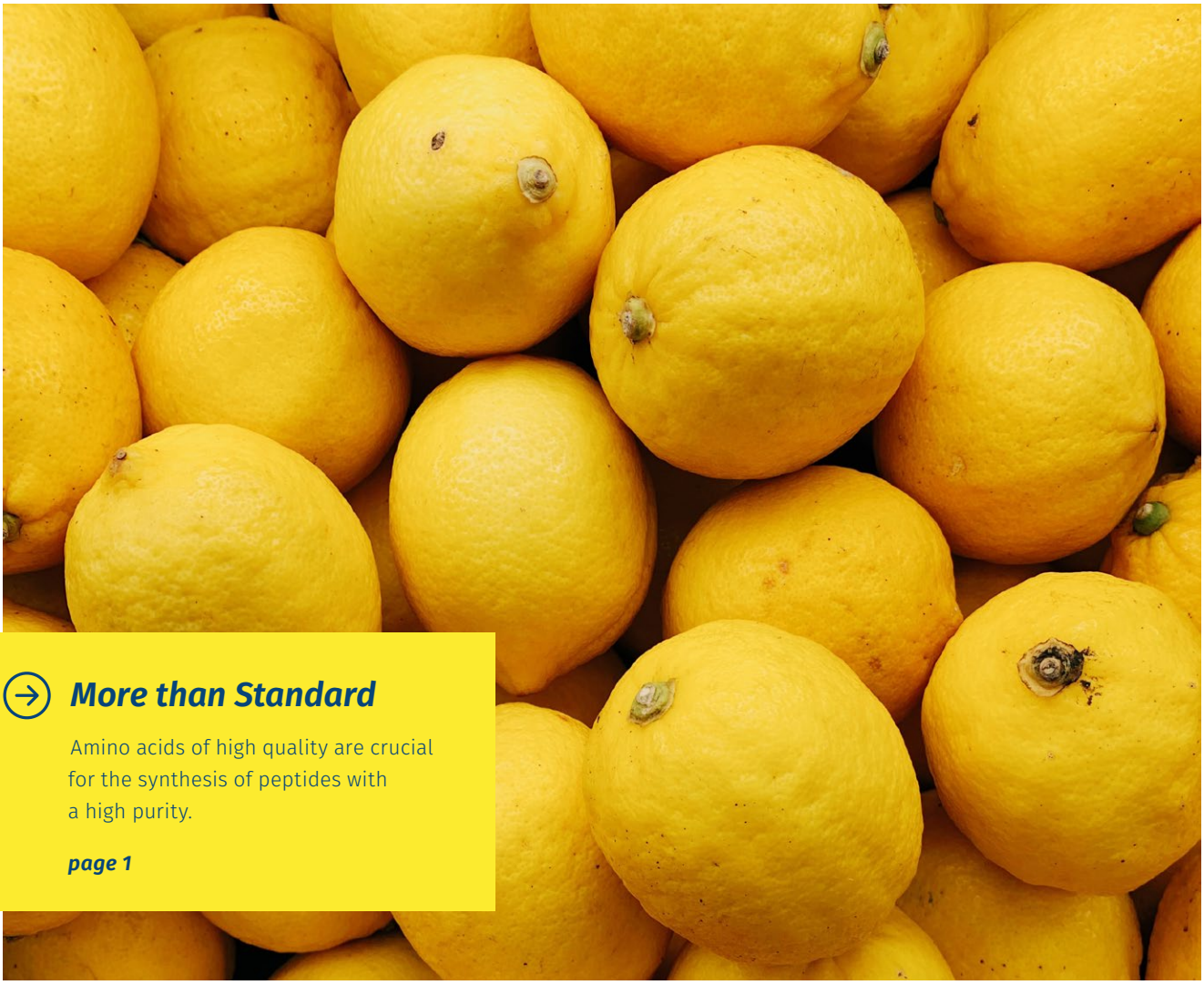
FMOC STANDARD AMINO ACIDS

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: IF12_2

Fmoc Standard Amino Acids

L-Isomers

General Information

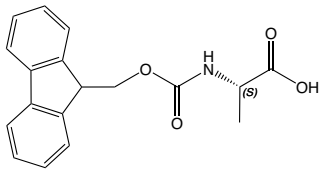
Amino acids of high quality are crucial for the synthesis of peptides with a high purity. Utilizing building blocks of lower quality may have a negative impact on coupling efficiency, resulting in difficult purifications and low overall yields. Most of our standard Fmoc-L-amino acids are specified with a purity of ≥ 99.0%, an enantiomeric purity of ≥ 99.8% (or ≤ 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

FAA1005 Fmoc-L-Ala-OH*H_2O

N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-alanine, monohydrate

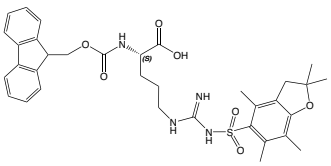
CAS-No.	35661-39-3
Formula	$C_{18}H_{17}NO_4*H_2O$
Mol. weight	311,34*18,01 g/mol



FAA1010 Fmoc-L-Arg(Pbf)-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-*N'*-2,2,4,6,7-pentamethyldihydrobenzofuran-5-sulfonyl-L-arginine

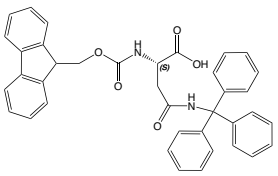
CAS-No.	154445-77-9
Formula	$C_{34}H_{40}N_4O_7S$
Mol. weight	648,8 g/mol



FAA1015 Fmoc-L-Asn(Trt)-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-beta-trityl-L-asparagine

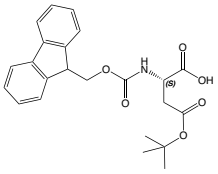
CAS-No.	132388-59-1
Formula	$C_{38}H_{32}N_2O_5$
Mol. weight	596,7 g/mol



FAA1020 Fmoc-L-Asp(O*t*Bu)-OH

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

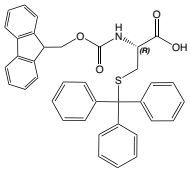
CAS-No.	71989-14-5
Formula	$C_{23}H_{25}NO_6$
Mol. weight	411,45 g/mol



FAA1040 Fmoc-L-Cys(Trt)-OH

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

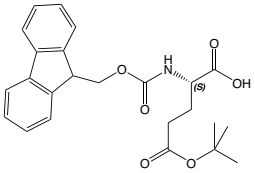
CAS-No.	103213-32-7
Formula	$C_{37}H_{31}NO_4S$
Mol. weight	585,71 g/mol



FAA1045 Fmoc-L-Glu(O*t*Bu)-OH*H_2O

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

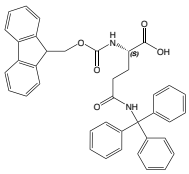
CAS-No.	71989-18-9
Formula	$C_{24}H_{27}NO_6$*H_2O
Mol. weight	425,50*18,01 g/mol



FAA1043 Fmoc-L-Gln(Trt)-OH

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

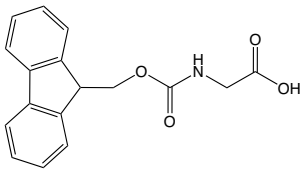
CAS-No.	132327-80-1
Formula	$C_{39}H_{34}N_2O_5$
Mol. weight	610,72 g/mol



FAA1050 Fmoc-Gly-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-glycine

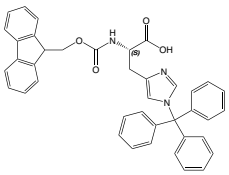
CAS-No.	29022-11-5
Formula	$C_{17}H_{15}NO_4$
Mol. weight	297,3 g/mol



FAA1090 Fmoc-L-His(Trt)-OH

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

CAS-No.	109425-51-6
Formula	$C_{40}H_{33}N_3O_4$
Mol. weight	619,7 g/mol



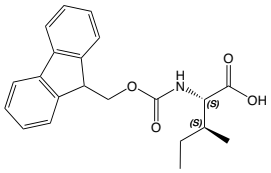
Fmoc Standard Amino Acids

Product details

FAA1110 Fmoc-L-Ile-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-isoleucine

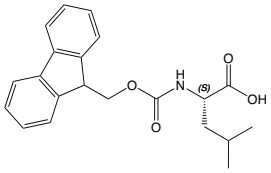
CAS-No.	71989-23-6
Formula	$C_{21}H_{23}NO_4$
Mol. weight	353,4 g/mol



FAA1120 Fmoc-L-Leu-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-leucine

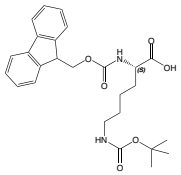
CAS-No.	35661-60-0
Formula	$C_{21}H_{23}NO_4$
Mol. weight	353,4 g/mol



FAA1125 Fmoc-L-Lys(Boc)-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-epsi-lon-*t*-butyloxycarbonyl-L-lysine

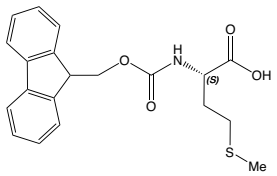
CAS-No.	71989-26-9
Formula	$C_{26}H_{32}N_2O_6$
Mol. weight	468,53 g/mol



FAA1150 Fmoc-L-Met-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-methionine

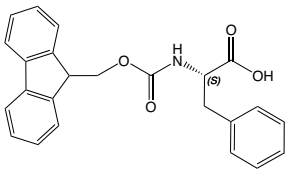
CAS-No.	71989-28-1
Formula	$C_{20}H_{21}NO_4S$
Mol. weight	371,45 g/mol



FAA1175 Fmoc-L-Phe-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-L-phenyla-lanine

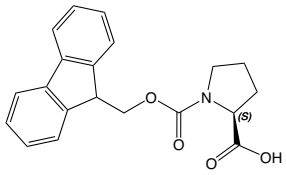
CAS-No.	35661-40-6
Formula	$C_{24}H_{21}NO_4$
Mol. weight	387,40 g/mol



FAA1185 Fmoc-L-Pro-OH*H_2O

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

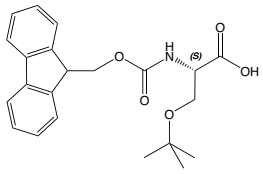
CAS-No.	71989-31-6
Formula	$C_{20}H_{19}NO_4*H_2O$
Mol. weight	337,40*18,01 g/mol



FAA1190 Fmoc-L-Ser(*t*Bu)-OH

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

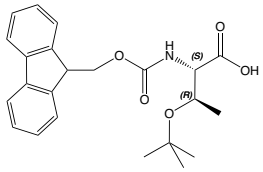
CAS-No.	71989-33-8
Formula	$C_{22}H_{25}NO_5$
Mol. weight	383,4 g/mol



FAA1210 Fmoc-L-Thr(O*t*Bu)-OH

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

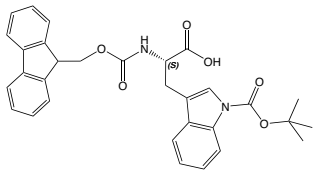
CAS-No.	71989-35-0
Formula	$C_{23}H_{27}NO_5$
Mol. weight	397,47 g/mol



FAA1225 Fmoc-L-Trp(Boc)-OH

N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-in-*t*-butyloxycarbonyl-L-tryptophan

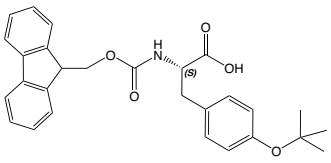
CAS-No.	143824-78-6
Formula	$C_{31}H_{30}N_2O_6$
Mol. weight	526,6 g/mol



FAA1230 Fmoc-L-Tyr(*t*Bu)-OH

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

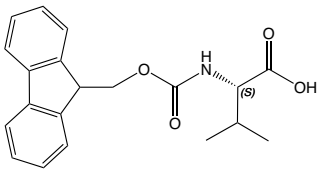
CAS-No.	71989-38-3
Formula	$C_{28}H_{29}NO_5$
Mol. weight	459,54 g/mol



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



Notes

Empowering Peptide Innovation