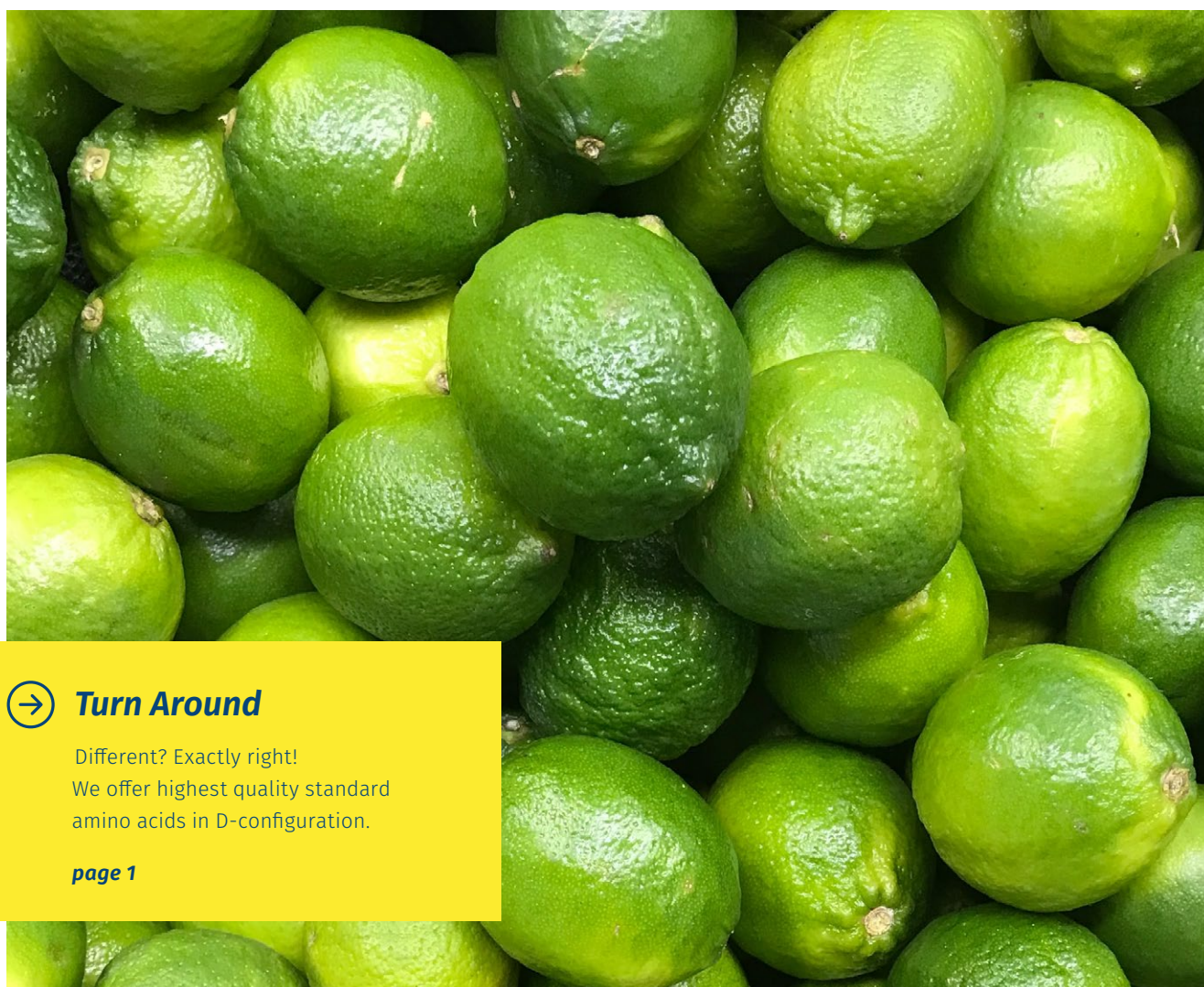




Iris
Biotech

FMOC STANDARD AMINO ACIDS

D-Isomers



Turn Around

Different? Exactly right!
We offer highest quality standard
amino acids in D-configuration.

page 1

High (enantiomeric) purities.

page 1

Availability from research
scale to bulk quantities.

page 1

Catalog quantities
available from stock.

page 1



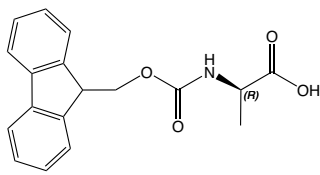
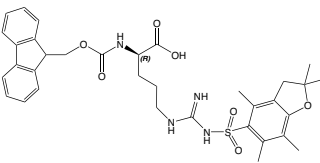
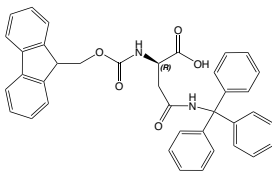
Version: IF11_2

Fmoc Standard Amino Acids

D-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-D-amino acids are specified with a purity of $\geq 99.0\%$, an enantiomeric purity of $\geq 99.8\%$ (or $\leq 0.2\%$ of L-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
FAA1000	Fmoc-D-Ala-OH*H₂O		
N-alpha-(9-Fluorenylmethoxycarbonyl)-D-alanine, monohydrate			
CAS-No.	79990-15-1		
Formula	C ₁₈ H ₁₇ NO ₄ *H ₂ O		
Mol. weight	311,34*18,01 g/mol		
FAA1305	Fmoc-D-Arg(Pbf)-OH		
N-alpha-(9-Fluorenylmethoxycarbonyl)-N'-2,2,4,6,7-pentamethyldihydrobenzofuran-5-sulfonyl-D-arginine			
CAS-No.	187618-60-6		
Formula	C ₃₄ H ₄₀ N ₄ O ₇ S		
Mol. weight	648,8 g/mol		
FAA1307	Fmoc-D-Asn(Trt)-OH		
N-alpha-(9-Fluorenylmethoxycarbonyl)-N-beta-trityl-D-asparagine			
CAS-No.	180570-71-2		
Formula	C ₃₈ H ₃₂ N ₂ O ₅		
Mol. weight	596,7 g/mol		

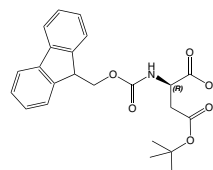
FAA1309 Fmoc-D-Asp(tBu)-OH

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

CAS-No. 112883-39-3

 Formula $C_{23}H_{25}NO_6$

Mol. weight 411,5 g/mol

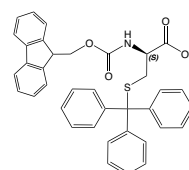

FAA1035 Fmoc-D-Cys(Trt)-OH

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

CAS-No. 167015-11-4

 Formula $C_{37}H_{31}NO_4S$

Mol. weight 585,71 g/mol

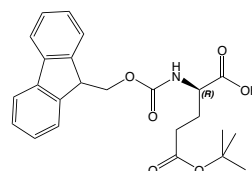

FAA1324 Fmoc-D-Glu(tBu)-OH*H₂O

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

CAS-No. 104091-08-9

 Formula $C_{26}H_{27}NO_6 \cdot H_2O$

Mol. weight 425,5*18,01 g/mol

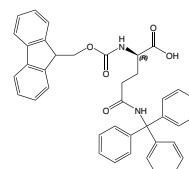

FAA1322 Fmoc-D-Gln(Trt)-OH

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

CAS-No. 200623-62-7

 Formula $C_{39}H_{34}N_2O_5$

Mol. weight 610,72 g/mol

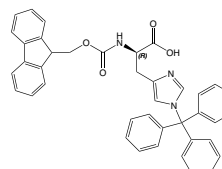

FAA1085 Fmoc-D-His(Trt)-OH

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

CAS-No. 135610-90-1

 Formula $C_{40}H_{33}N_3O_4$

Mol. weight 619,7 g/mol

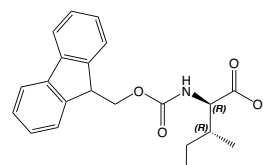

FAA1328 Fmoc-D-Ile-OH

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

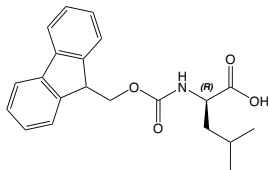
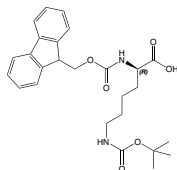
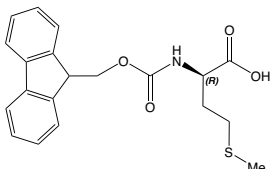
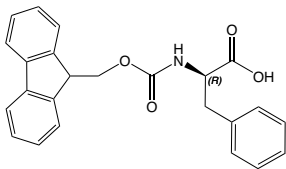
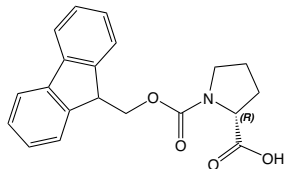
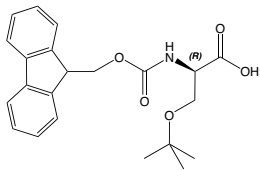
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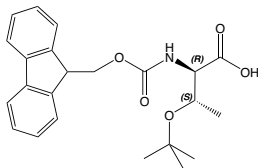
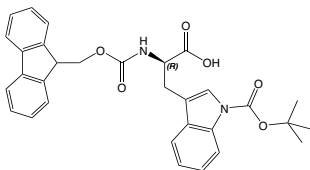
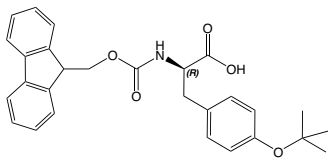
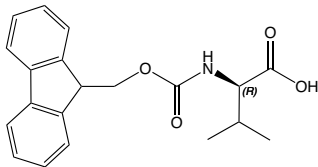
 Formula $C_{21}H_{23}NO_4$

Mol. weight 353,4 g/mol



Fmoc Standard Amino Acids

			Product details
FAA1115	Fmoc-D-Leu-OH		
N-alpha-(9-Fluorenylmethyloxycarbonyl)-D-leucine			
CAS-No.	114360-54-2		
Formula	C ₂₁ H ₂₃ NO ₄		
Mol. weight	353,4 g/mol		
			
FAA1330	Fmoc-D-Lys(Boc)-OH		
N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-epsilon-tert-butyl-oxycarbonyl-D-lysine			
CAS-No.	92122-45-7		
Formula	C ₂₆ H ₃₂ N ₂ O ₆		
Mol. weight	468,53 g/mol		
			
FAA1145	Fmoc-D-Met-OH		
N-alpha-(9-Fluorenylmethyloxycarbonyl)-D-methionine			
CAS-No.	112883-40-6		
Formula	C ₂₀ H ₂₁ NO ₄ S		
Mol. weight	371,5 g/mol		
			
FAA1170	Fmoc-D-Phe-OH		
N-alpha-(9-Fluorenylmethyloxycarbonyl)-D-phenylalanine			
CAS-No.	86123-10-6		
Formula	C ₂₄ H ₂₁ NO ₄		
Mol. weight	387,40 g/mol		
			
FAA1180	Fmoc-D-Pro-OH*H₂O		
N-alpha-(9-Fluorenylmethyloxycarbonyl)-D-proline monohydrate			
CAS-No.	101555-62-8		
Formula	C ₂₀ H ₁₉ NO ₄ *H ₂ O		
Mol. weight	337,4 18,0 g/mol		
			
FAA1337	Fmoc-D-Ser(tBu)-OH		
N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-tert-butyl-D-serine			
CAS-No.	128107-47-1		
Formula	C ₂₂ H ₂₅ NO ₅		
Mol. weight	383,44 g/mol		
			

			Product details
FAA1509	Fmoc-D-Thr(tBu)-OH		
N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-t-butyl-D-threonine			
CAS-No.	138797-71-4		
Formula	C ₂₃ H ₂₇ NO ₅		
Mol. weight	397,48 g/mol		
FAA1339	Fmoc-D-Trp(Boc)-OH		
N-alpha-(9-Fluorenylmethyloxycarbonyl)-N-in-t-butyl-oxy-carbonyl-D-tryptophan			
CAS-No.	163619-04-3		
Formula	C ₃₁ H ₃₀ N ₂ O ₆		
Mol. weight	526,59 g/mol		
FAA1341	Fmoc-D-Tyr(tBu)-OH		
N-alpha-(9-Fluorenylmethyloxycarbonyl)-O-t-butyl-D-tyrosine			
CAS-No.	118488-18-9		
Formula	C ₂₈ H ₂₉ NO ₅		
Mol. weight	459,54 g/mol		
FAA1342	Fmoc-D-Val-OH		
N-alpha-(9-Fluorenylmethyloxycarbonyl)-D-valine			
CAS-No.	84624-17-9		
Formula	C ₂₀ H ₂₁ NO ₄		
Mol. weight	339,40 g/mol		

Notes

Empowering Peptide Innovation