

Amino acids for SPPS

Fmoc-Ala-OH

Fmoc-Ala-OH	
CAS No.	35661-39-3
Name	2-(9H-fluoren-9-ylmethoxycarbonylamino)propanoic acid
Molecular Formula	C ₁₈ H ₁₇ NO ₄
Molecular Weight	311.3366
m.p.	150 - 154°C

Fmoc-Arg(Pbf)-OH

Fmoc-Arg(Pbf)-OH	
CAS No.	154445-77-9
Name	N- α -Fmoc-N- γ -(2,2,4,6,7-pentamethyldihydrobenzofuran-5-sulfonyl)-L-arginine
Molecular Formula	C ₃₄ H ₄₀ N ₄ O ₇ S
Molecular Weight	648.8

Fmoc-Asn(Trt)-OH

Fmoc-Asn(Trt)-OH	
CAS No.	132388-59-1
Name	(2S)-2-(9H-fluoren-9-ylmethoxycarbonylamino)-3-(tritylcarbonyl)propanoic acid
Molecular Formula	C ₃₈ H ₃₂ N ₂ O ₅
Molecular Weight	596.671
m.p.	202-203°C

Fmoc-Asp(OtBu)-OH

Fmoc-Asp(OtBu)-OH	
CAS No.	71989-14-5
Name	(2S)-2-(9H-fluoren-9-ylmethoxycarbonylamino)-4-oxo-4-tert-butoxy-butanoic acid
Molecular Formula	C ₂₃ H ₂₅ NO ₆
Molecular Weight	411.448
m.p.	143-151°C

Fmoc-Cys(Trt)-OH

Fmoc-Cys(Trt)-OH	
CAS No.	103213-32-7
Name	(2R)-2-(9H-fluoren-9-ylmethoxycarbonylamino)-3-tritylsulfanyl-propanoic acid
Molecular Formula	C ₃₇ H ₃₁ NO ₄ S

Fmoc-Cys(Trt)-OH	
Molecular Weight	585.712

Fmoc-Glu(OtBu)-OH

Fmoc-Glu(OtBu)-OH	
CAS No.	71989-18-9
Name	4-(9H-fluoren-9-ylmethoxycarbonylamino)-5-oxo-5-tert-butoxy-pentanoic acid
Molecular Formula	C ₂₄ H ₂₇ NO ₆
Molecular Weight	425.474

Fmoc-Gln(Trt)-OH

Fmoc-Gln(Trt)-OH	
CAS No.	132327-80-1
Name	N- α -Fmoc-N- γ -trityl-L-glutamine
Molecular Formula	C ₃₉ H ₃₄ N ₂ O ₅
Molecular Weight	610.709
m.p.	127-129°C

Fmoc-Gly-OH

Fmoc-Gly-OH	
CAS No.	29022-11-5
Name	N-(9H-(fluoren-9-ylmethoxy)carbonyl)glycine
Molecular Formula	C ₁₇ H ₁₅ NO ₄
Molecular Weight	297.305

Fmoc-His(Trt)-OH

Fmoc-His(Trt)-OH	
CAS No.	109425-51-6
Name	N- α -Fmoc-N-im-trityl-L-histidine
Molecular Formula	C ₄₀ H ₃₃ N ₃ O ₄
Molecular Weight	619.7
m.p.	148-149°C

Fmoc-Ile-OH

Fmoc-Ile-OH	
CAS No.	71989-23-6
Name	2-(9H-fluoren-9-ylmethoxycarbonylamino)-3-methyl-pentanoic acid
Molecular Formula	C ₂₁ H ₂₃ NO ₄
Molecular Weight	353.412
m.p.	143-145°C

Fmoc-Leu-OH

Fmoc-Leu-OH	
CAS No.	35661-60-0
Name	2-(9H-fluoren-9-ylmethoxycarbonylamino)-4-methyl-pentanoic acid
Molecular Formula	$C_{21}H_{23}NO_4$
Molecular Weight	353.412
m.p.	154 - 155°C

Fmoc-Lys(Boc)-OH

Fmoc-Lys(Boc)-OH	
CAS No.	71989-26-9
Name	2-(9H-fluoren-9-ylmethoxycarbonylamino)-6-(tert-butoxycarbonylamino)hexanoic acid
Molecular Formula	$C_{26}H_{32}N_2O_6$
Molecular Weight	468.542

Fmoc-Met-OH

Fmoc-Met-OH	
CAS No.	71989-28-1
Name	N- α -Fmoc-L-methionine
Molecular Formula	$C_{20}H_{21}NO_4S$
Molecular Weight	371.451
m.p.	132 - 145°C

Fmoc-OSu

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Fmoc-Phe-OH

Fmoc-Phe-OH	
CAS No.	35661-40-6
Name	2-(9H-fluoren-9-ylmethoxycarbonylamino)-3-phenyl-propanoic acid
Molecular Formula	$C_{24}H_{21}NO_4$
Molecular Weight	387.428
m.p.	180-188°C

Fmoc-Pro-OH

Fmoc-Pro-OH	
CAS No.	71989-31-6

Name	1-(9H-fluoren-9-ylmethoxycarbonyl)pyrrolidine-2-carboxylic acid
Molecular Formula	C ₂₀ H ₁₉ NO ₄
Molecular Weight	337.369
m.p.	112-115°C

Fmoc-Ser(tBu)-OH

Fmoc-Ser(tBu)-OH	
CAS No.	71989-33-8
Name	2-(9H-fluoren-9-ylmethoxycarbonylamino)-3-tert-butoxy-propanoic acid
Molecular Formula	C ₂₂ H ₂₅ NO ₅
Molecular Weight	383.438
m.p.	123-131°C

Fmoc-Thr(tBu)-OH

Fmoc-Thr(tBu)-OH	
CAS No.	71989-35-0
Name	2-(9H-fluoren-9-ylmethoxycarbonylamino)-3-tert-butoxy-butanoic acid
Molecular Formula	C ₂₃ H ₂₇ NO ₅
Molecular Weight	397.464
m.p.	125 - 135 °C

Fmoc-Trp(Boc)-OH

Fmoc-Trp(Boc)-OH	
CAS No.	143824-78-6
Name	N-tert-Butoxycarbonyl-N-9-fluorenylmethoxycarbonyl-L-tryptophan
Molecular Formula	C ₃₁ H ₃₀ N ₂ O ₆
Molecular Weight	526.589

Fmoc-Tyr(tBu)-OH

Fmoc-Tyr(tBu)-OH	
CAS No.	71989-38-3
Name	2-(9H-fluoren-9-ylmethoxycarbonylamino)-3-(4-tert-butoxyphenyl)propanoic acid
Molecular Formula	C ₂₈ H ₂₉ NO ₅
Molecular Weight	459.534
m.p.	143-155°C

Fmoc-Val-OH

Fmoc-Val-OH	
CAS No.	68858-20-8
Name	2-(9H-fluoren-9-ylmethoxycarbonylamino)-3-methyl-butanoic acid

Fmoc-Val-OH	
Molecular Formula	C ₂₀ H ₂₁ NO ₄
Molecular Weight	339.385
m.p.	143-147°C

[Peptide, Chemical Synthesis](#)

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