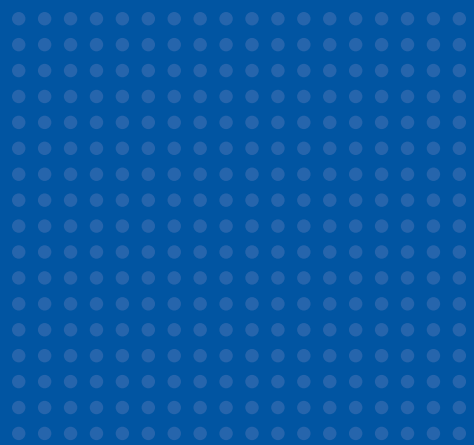




Amino Acids



Amino Acids

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PRODUCT	CODE	QTY	USD
L-Amino Acids			
L-Alanine (M.W. 89.09) C ₃ H ₇ NO ₂ [56-41-7]	ALA-2701-PI RT	100 g 500 g	62 229
L-Arginine • HCl (M.W. 174.20 • 36.46) C ₆ H ₁₄ N ₄ O ₂ • HCl [1119-34-2]	ALR-2702-PI RT	100 g 500 g	29 84
L-Asparagine • H₂O (M.W. 132.12 • 18.02) C ₄ H ₈ N ₂ O ₃ • H ₂ O [5794-13-18]	ALN-2703-PI RT	100 g 500 g	45 163
L-Aspartic Acid (M.W. 133.10) C ₄ H ₇ NO ₄ [56-84-8]	ALD-2704-PI RT	100 g 500 g	20 48
L-Cysteine • HCl • H₂O (M.W. 121.16 • 36.46 • 18.02) C ₃ H ₇ NO ₂ S • HCl • H ₂ O [7048-04-6]	ALC-2705-PI RT	100 g 500 g	47 158
L-Cystine (M.W. 240.30) C ₆ H ₁₂ N ₂ O ₄ S ₂ [56-89-3]	ALC-2706-PI RT	100 g 500 g	47 158
L-Glutamic Acid (M.W. 147.13) C ₅ H ₉ NO ₄ [56-86-0]	ALE-2708-PI RT	100 g 500 g	20 48
L-Glutamine (M.W. 146.15) C ₅ H ₁₀ N ₂ O ₃ [56-85-9]	ALQ-2707-PI RT	100 g 500 g	41 140
Glycine (M.W. 75.07) C ₂ H ₅ NO ₂ [56-40-6]	ALG-2709-PI RT	100 g 500 g	20 48
L-Histidine • HCl • H₂O (M.W. 155.16 • 36.46 • 18.02) C ₆ H ₉ N ₃ O ₂ • HCl • H ₂ O [5934-29-2]	ALH-2710-PI RT	100 g 500 g	45 148
L-Hydroxyproline (M.W. 131.13) C ₅ H ₉ NO ₃ [51-35-4]	ALX-2711-PI RT	25 g 100 g 500 g	59 188 720
L-Isoleucine (M.W. 131.18) C ₆ H ₁₃ NO ₂ [73-32-5]	ALI-2712-PI RT	25 g 100 g 500 g	41 113 419
L-Leucine (M.W. 131.18) C ₆ H ₁₃ NO ₂ [61-90-5]	ALL-2713-PI RT	25 g 100 g 500 g	19 45 163
L-Lysine • HCl (M.W. 146.19 • 36.46) C ₆ H ₁₄ N ₂ O ₂ • H ₂ O [657-27-2]	ALK-2714-PI RT	100 g 500 g	23 60
L-Methionine (M.W. 149.21) C ₅ H ₁₁ NO ₂ S [63-68-3]	ALM-2715-PI RT	100 g 500 g	38 128
L-Norleucine (M.W. 131.17) C ₆ H ₁₃ NO ₂ [327-57-1]	ALU-2728-PI RT	5 g 25 g	48 195
L-Ornithine • HCl (M.W. 132.16 • 36.46) C ₅ H ₁₂ N ₂ O ₂ • HCl [3184-13-2]	ALO-2716-PI RT	25 g 100 g	25 61
L-Phenylalanine (M.W. 165.19) C ₉ H ₁₁ NO ₂ [63-91-2]	ALF-2717-PI RT	100 g 500 g	46 156
L-Proline (M.W. 115.13) C ₅ H ₉ NO ₂ [147-85-3]	ALP-2718-PI RT	100 g 500 g	82 300
L-Pyroglutamic Acid (L-Pyrrolidone Carboxylic Acid) (M.W. 129.12) C ₅ H ₇ NO ₃ [98-79-3]	ALU-2724-PI RT	25 g 100 g	28 62
L-Serine (M.W. 105.09) C ₃ H ₇ NO ₃ [56-45-1] D-Ser Contamination: 0.5-1.5%	ALS-2719-PI RT	25 g 100 g	40 120
L-Threonine (M.W. 119.12) C ₄ H ₉ NO ₃ [72-19-5]	ALT-2720-PI RT	100 g 500 g	63 235

PRODUCT	CODE	QTY	USD
L-Tryptophan (M.W. 204.23) C ₁₁ H ₁₂ N ₂ O ₂ [73-22-3]	ALW-2721-PI RT	25 g 100 g	34 87
L-Tyrosine (M.W. 181.19) C ₉ H ₁₁ NO ₃ [60-18-4]	ALY-2722-PI RT	100 g 500 g	36 117
L-Valine (M.W. 117.15) C ₆ H ₁₁ NO ₂ [72-18-4]	ALV-2723-PI RT	100 g 500 g	38 128
D-Amino Acids			
D-Alanine (M.W. 89.09) C ₃ H ₇ NO ₂ [338-69-2]	ADA-2801-PI RT	5 g 25 g	31 82
D-Arginine (M.W. 174.20) C ₆ H ₁₄ N ₄ O ₂ [157-06-2]	ADR-2802-PI RT	5 g 25 g	66 238
D-Asparagine • H₂O (M.W. 132.12 • 18.02) C ₄ H ₈ N ₂ O ₃ • H ₂ O [5794-24-1]	ADN-2815-PI RT	5 g 25 g	40 124
D-Aspartic Acid (M.W. 133.10) C ₄ H ₇ NO ₄ [1783-96-6]	ADD-2814-PI RT	5 g 25 g	33 92
D-Cysteine • HCl • H₂O (M.W. 121.16 • 36.46 • 18.02) C ₃ H ₇ NO ₂ S • HCl • H ₂ O [32443-99-5]	ADC-2817-PI RT	5 g 25 g	66 238
D-Glutamic Acid (M.W. 147.13) C ₅ H ₉ NO ₄ [6893-26-1]	ADE-2804-PI RT	5 g 25 g	28 66
D-Histidine (M.W. 155.16) C ₆ H ₉ N ₃ O ₂ [351-50-8]	ADH-2805-PI RT	5 g 25 g	66 238
D-Isoleucine (M.W. 131.17) C ₆ H ₁₃ NO ₂ [319-78-8]	ADI-2819-PI RT	1 g 5 g	255 995
D-Leucine (M.W. 131.17) C ₆ H ₁₃ NO ₂ [328-38-1]	ADL-2806-PI RT	5 g 25 g	50 170
D-Lysine • HCl (M.W. 146.19 • 36.46) C ₆ H ₁₄ N ₂ O ₂ • HCl [7274-88-6]	ADK-2813-PI RT	5 g 25 g	44 145
D-Methionine (M.W. 149.21) C ₅ H ₁₁ NO ₂ S [348-67-4]	ADM-2807-PI RT	5 g 25 g	50 170
D-Phenylalanine (M.W. 165.19) C ₉ H ₁₁ NO ₂ [673-06-3]	ADF-2808-PI RT	5 g 25 g	30 76
D-Proline (M.W. 115.13) C ₅ H ₉ NO ₂ [344-25-2]	ADP-2816-PI RT	5 g 25 g	66 238
D-Serine (M.W. 105.09) C ₃ H ₇ NO ₃ [312-84-5]	ADS-2818-PI RT	5 g 25 g	40 124
D-Threonine (M.W. 119.12) C ₄ H ₉ NO ₃ [632-20-2]	ADT-2809-PI RT	5 g 25 g	44 145
D-Tryptophan (M.W. 204.23) C ₁₁ H ₁₂ N ₂ O ₂ [153-94-6]	ADW-2810-PI RT	5 g 25 g	30 76
D-Tyrosine (M.W. 181.19) C ₉ H ₁₁ NO ₃ [556-02-5]	ADY-2812-PI RT	5 g 25 g	44 145
D-Valine (M.W. 117.15) C ₆ H ₁₁ NO ₂	ADV-2811-PI RT	5 g 25 g	44 145

PRODUCT	GRADE	CODE	QTY	USD
Protein Ligation Synthesis Reagents				
Ac-S-Mpa-OPfp Acetyl-S-β-Mercaptopropionic Acid Pentafluorophenyl Ester (M.W. 300.21) C ₁₀ H ₅ O ₃ SF ₅		ASX-5049-PI -20 °C	1 g 5 g	39 159
S-Acm-β-Mercaptopropionic Acid S-Acetamidomethyl-β-Mercaptopropionic Acid (M.W. 177.22) C ₆ H ₁₁ NO ₃ S [52574-08-0]		SAM-5510-PI 4 °C	1 g 5 g	30 125
S-p-Me-Bzl-β-Mercaptopropionic Acid S-p-Methylbenzyl-β-Mercaptopropionic Acid (M.W. 210.29) C ₁₁ H ₁₄ O ₂ S [78981-22-3]		AXP-5030-PI 4 °C	5 g 25 g	30 120
S-Trityl-β-Mercaptopropionic Acid (M.W. 348.47) C ₂₂ H ₂₀ O ₂ S [27144-18-9]		ASX-5047-PI -20 °C	1 g 5 g	49 195
S-Trityl-Mercaptoacetic Acid (M.W. 334.44) C ₂₁ H ₁₈ O ₂ S [68-11-1]		ASX-5048-PI 4 °C	1 g 5 g	49 195
S-Acm-Pmp S-Acetamidomethyl-β-Mercapto-β, β-Cyclopentamethylenepropionic Acid (M.W. 245.34) C ₁₁ H ₁₉ NO ₃ S		ASX-5045-PI -20 °C	1 g 5 g	125 495
S-p-Me-Bzl-Pmp β-(S-4-Methylbenzylmercapto)-β, β-Cyclopentamethylenepropionic Acid (M.W. 278.40) C ₁₆ H ₂₂ SO ₂		ASX-5042-PI -20 °C	1 g 5 g	65 260
Unusual Amino Acids				
Diethylglycine (Deg) (M.W. 131.18) C ₆ H ₁₃ NO ₂ [2566-29-2]		ALX-5041-PI 4 °C	1 g 5 g	55 195
cis-4-Hydroxy-L-Proline (M.W. 131.13) C ₅ H ₉ NO ₃ [618-27-9]		ALX-5330-PI 4 °C	1 g 5 g	165 650
L-Pen L-Penicillamine (M.W. 149.21) C ₅ H ₁₁ NO ₂ S [1113-41-3]		AXL-5021-PI -20 °C	1 g 5 g	20 80
D-Pen D-Penicillamine (M.W. 149.21) C ₅ H ₁₁ NO ₂ S [52-67-5]		AXP-5020-PI 4 °C	5 g 25 g	25 100
L-Pen(p-Me-Bzl) L-Penicillamine (S-p-Methylbenzyl-L-Penicillamine) (M.W. 253.20) C ₁₃ H ₁₉ NO ₂ S		XLM-5121-PI -20 °C	1 g 5 g	75 195
D-Pen(p-Me-Bzl) D-Penicillamine (S-p-Methylbenzyl-D-Penicillamine) (M.W. 253.20) C ₁₃ H ₁₉ NO ₂ S		XDM-5120-PI 4 °C	1 g 5 g	75 195
L-Tic L-1,2,3,4-Tetrahydroisoquinoline-3-Carboxylic acid (M.W. 177.20) C ₁₀ H ₁₁ NO ₂ [74163-81-8]		ALX-5029-PI -20 °C	1 g 5 g	65 265
D-Tic D-1,2,3,4-Tetrahydroisoquinoline-3-Carboxylic acid (M.W. 177.20) C ₁₀ H ₁₁ NO ₂ [103733-65-9]		ADX-5028-PI -20 °C	1 g 5 g	95 395
Hydroxy-Tic 7-Hydroxy-L-1,2,3,4-Tetrahydroisoquinoline-3-Carboxylic acid (M.W. 193.20) C ₁₀ H ₁₁ NO ₃		ALX-5027-PI -20 °C	1 g	269
D-Hydroxy-Tic 7-Hydroxy-D-1,2,3,4-Tetrahydroisoquinoline-3-Carboxylic acid (M.W. 193.20) C ₁₀ H ₁₁ NO ₃ [152286-30-1]		ADX-5026-PI -20 °C	1 g	309
Amino Acid Esters				
Arg(NO₂)-OBzl • Tos N ^o -Nitro-L-Arginine Benzyl Ester Tosylate (M.W. 309.32 • 172.20) C ₁₃ H ₁₉ N ₅ O ₄ • C ₇ H ₈ O ₃ S [10342-07-1]	B	EBR-2048 4 °C	5 g 25 g 100 g	40 127 410
Asp(OBzl)-OBzl • Tos L-Aspartic Acid α, β-Dibenzyl Ester Tosylate (M.W. 313.35 • 172.20) C ₁₈ H ₁₉ NO ₄ • C ₇ H ₈ O ₃ S [2886-33-1]	A	EBD-2045 4 °C	5 g 25 g 100 g	27 68 215
Glu(OBzl)-OBzl • Tos L-Glutamic Acid α, γ-Dibenzyl Ester Tosylate (M.W. 327.37 • 172.20) C ₁₉ H ₂₁ NO ₄ • C ₇ H ₈ O ₃ S [2791-84-6]	A	EBE-2046 4 °C	5 g 25 g 100 g	27 68 215

PRODUCT	GRADE	CODE	QTY	USD
Gly-OBzl • Tos Glycine Benzyl Ester Tosylate (M.W. 165.19 • 172.20) C ₉ H ₁₁ NO ₂ • C ₇ H ₈ O ₃ S [1738-76-7]	A	EBG-2047 4 °C	5 g 25 g 100 g	27 68 215
Gly-OEt • HCl Glycine Ethyl Ester Hydrochloride (M.W. 103.12 • 36.46) C ₄ H ₉ NO ₂ • HCl [623-33-6]		EEG-2037-PI 4 °C	5 g 25 g 100 g	21 43 134
His-OMe • 2HCl L-Histidine Methyl Ester Dihydrochloride (M.W. 162.18 • 79.92) C ₇ H ₁₁ N ₃ O ₂ • 2HCl [7389-87-9]		EMH-2038-PI 4 °C	5 g 25 g 100 g	22 55 172
Ile-OMe • HCl L-Isoleucine Methyl Ester Hydrochloride (M.W. 145.24 • 36.46) C ₇ H ₁₅ NO ₂ • HCl	A	EMI-2039-PI 4 °C	5 g 25 g 100 g	27 70 223
Ile-OBzl • Tos L-Isoleucine Benzyl Ester Tosylate (M.W. 221.30 • 172.20) C ₁₃ H ₁₉ NO ₂ • C ₇ H ₈ O ₃ S [16652-75-8]	A	EBI-2111 4 °C	5 g 25 g 100 g	31 81 258
Leu-OBzl • Tos L-Leucine Benzyl Ester Tosylate (M.W. 221.30 • 172.20) C ₁₃ H ₁₉ NO ₂ • C ₇ H ₈ O ₃ S [1738-77-8]		EBL-2112 4 °C	5 g 25 g 100 g	31 81 258
Leu-OEt • HCl L-Leucine Ethyl Ester Hydrochloride (M.W. 159.24 • 36.46) C ₈ H ₁₇ NO ₂ • HCl [2743-40-0]		EEL-2040-PI 4 °C	5 g 25 g 100 g	24 62 194
Met-OMe • HCl L-Methionine Methyl Ester Hydrochloride (M.W. 163.24 • 36.46) C ₆ H ₁₃ NO ₂ S • HCl [2491-18-1]		EMM-2036-PI 4 °C	5 g 25 g 100 g	27 68 218
Phe-OBzl • Tos L-Phenylalanine Benzyl Ester Tosylate (M.W. 255.31 • 172.20) C ₁₆ H ₁₇ NO ₂ • C ₇ H ₈ O ₃ S [1738-78-9]	A	EBF-2110 4 °C	5 g 25 g 100 g	31 81 258
Phe-OEt • HCl L-Phenylalanine Ethyl Ester Hydrochloride (M.W. 193.24 • 36.46) C ₁₁ H ₁₅ NO ₂ • HCl [3182-93-2]		EEF-2041-PI 4 °C	5 g 25 g 100 g	24 62 194
Pro-OBzl • HCl L-Proline Benzyl Ester Hydrochloride (M.W. 205.25 • 36.45) C ₁₂ H ₁₅ NO ₂ • HCl [16652-71-4]	B	EBP-2049 4 °C	5 g 25 g 100 g	43 150 490
Ser-OMe • HCl L-Serine Methyl Ester Hydrochloride (M.W. 119.10 • 36.45) C ₄ H ₉ NO ₃ • HCl [5680-80-8]		EMS-2042-PI 4 °C	5 g 25 g 100 g	27 75 250
Tyr-OEt • HCl L-Tyrosine Ethyl Ester Hydrochloride (M.W. 209.24 • 36.44) C ₁₁ H ₁₅ NO ₃ • HCl [4089-07-0]		EEY-2043-PI 4 °C	5 g 25 g 100 g	24 62 194
Val-OMe • HCl L-Valine Methyl Ester Hydrochloride (M.W. 131.14 • 36.46) C ₆ H ₁₃ NO ₂ • HCl [6306-52-1]		EMV-2044-PI 4 °C	5 g 25 g 100 g	24 62 194
Side Chain Derivatives of Amino Acids				
Arg(NO₂) <i>N</i> ^o -Nitro-L-Arginine (<i>N</i> ^o -Nitro-L-Arginine) (M.W. 219.20) C ₆ H ₁₃ N ₅ O ₄ [2149-70-4] <i>Nitric Oxide Synthase Inhibitor</i> Y. Kobayashi and K. Hattori, <i>Jpn. J. Pharmacol.</i> , 52 , 167 (1990). A. Gibson, S. Mirzazadeh, A.J. Hobbs, and P.K. Moore, <i>Br. J. Pharmacol.</i> , 99 , 602 (1990).	AA	XNR-2005 4 °C	5 g 25 g 100 g	20 40 120
Arg(Tos) <i>N</i> ^o -Tosyl-L-Arginine (M.W. 328.39) C ₁₃ H ₂₀ N ₄ O ₄ S [4353-32-6]		XTR-2101-PI 4 °C	1 g 5 g 25 g	27 81 303
Asp(OBzl) L-Aspartic Acid β-Benzyl Ester (M.W. 223.20) C ₁₁ H ₁₃ NO ₄ [2177-63-1]		XBD-2093-PI 4 °C	5 g 25 g 100 g	35 117 416
Glu(OBzl) L-Glutamic Acid γ-Benzyl Ester (M.W. 237.25) C ₁₂ H ₁₅ NO ₄ [1676-73-9]	A	XBE-2003 4 °C	5 g 25 g 100 g	22 55 172

PRODUCT	GRADE	CODE	QTY	USD
Glu(OMe) L-Glutamic Acid γ -Methyl Ester (M.W. 161.16) C ₆ H ₁₁ NO ₄ [1499-55-4]		XME-2001-PI 4 °C	5 g 25 g 100 g	18 31 83
Lys(Z) N ^ε -Carbobenzoxy-L-Lysine (M.W. 280.30) C ₁₄ H ₂₀ N ₂ O ₄ [2212-75-1]		XZK-2006-PI 4 °C	5 g 25 g 100 g	35 117 379
Boc-Protected L-Amino Acids				
Boc-Ala-OH t-Butyloxycarbonyl-L-Alanine (M.W. 189.21) C ₈ H ₁₅ NO ₄ [15761-38-3]	AA	BLA-2051 4 °C	5 g 25 g 100 g	20 40 120
Boc-β-Ala-OH t-Butyloxycarbonyl-β-Alanine (M.W. 189.21) C ₈ H ₁₅ NO ₄ [3303-84-2]	AA	BBA-2131 4 °C	5 g 25 g 100 g	25 60 201
Boc-Arg(NO₂)-OH* N ^ω -t-Butyloxycarbonyl-N ^ω -Nitro-L-Arginine (M.W. 319.32) C ₁₇ H ₂₁ N ₅ O ₆ [2188-18-3]	AA-A	BLR-2058 -20 °C	5 g 25 g 100 g	28 92 300
Boc-Arg(Tos)-OH* N ^ω -t-Butyloxycarbonyl-N ^ω -Tosyl-L-Arginine (M.W. 428.50) C ₁₈ H ₂₈ N ₄ O ₅ S [13836-37-8]	AA	BLR-2125 4 °C	5 g 25 g 100 g	50 160 550
Boc-Asn-OH t-Butyloxycarbonyl-L-Asparagine (M.W. 232.23) C ₉ H ₁₆ N ₂ O ₅ [7536-55-2]	AA-A	BLN-2060 4 °C	5 g 25 g 100 g	20 50 150
Boc-Asn-ONp t-Butyloxycarbonyl-L-Asparagine-p-Nitrophenyl Ester (M.W. 353.33) C ₁₅ H ₁₉ N ₃ O ₇ [4587-33-1]	B	BLN-2077 -20 °C	5 g 25 g	115 395
Boc-Asp(OBzl)-OH t-Butyloxycarbonyl-L-Aspartic Acid β-Benzyl Ester (M.W. 323.34) C ₁₆ H ₂₁ NO ₆ [7536-58-5]	AA	BLD-2059 4 °C	5 g 25 g 100 g	25 75 249
Boc-Asp(OcHex)-OH t-Butyloxycarbonyl-L-Aspartic Acid β-Cyclohexyl Ester (M.W. 315.36) C ₁₅ H ₂₅ NO ₆ [73821-95-1]	AA	BLD-2132 4 °C	5 g 25 g 100 g	25 75 249
J.P. Tam, T.-W. Wong, M.W. Riemen, F.-S. Tjoeng, and R.B. Merrifield, <i>Tetrahedron Lett.</i> , 42 , 4033 (1979).				
Boc-Cys(Acm)-OH t-Butyloxycarbonyl-S-Acetamidomethyl-L-Cysteine (M.W. 292.35) C ₁₁ H ₂₀ N ₂ O ₅ S [19746-37-3]	AA	BLC-2121 4 °C	5 g 25 g 100 g	40 130 442
D.F. Veber, J.D. Milkowski, S.L. Varga, R.G. Denkwalter, and R. Hirschmann, <i>J. Am. Chem. Soc.</i> , 94 , 5456 (1972). B. Kamber, A. Hartmann, K. Eisler, B. Riniker, H. Rink, P. Sieber, and W. Rittel, <i>Helv. Chim. Acta</i> , 63 , 899 (1980).				
Boc-Cys(Bzl)-OH t-Butyloxycarbonyl-S-Benzyl-L-Cysteine (M.W. 311.40) C ₁₅ H ₂₁ NO ₄ S [5068-28-0]	AA	BLC-2061 4 °C	5 g 25 g 100 g	40 130 434
Boc-Cys(tBu)-OH t-Butyloxycarbonyl-S-t-Butyl-L-Cysteine (M.W. 277.38) C ₁₂ H ₂₃ NO ₄ S [56976-06-8]	AA	BLC-2130 4 °C	5 g 25 g 100 g	50 160 495
Boc-Cys(4-CH₃Bzl)-OH t-Butyloxycarbonyl-S-4-Methylbenzyl-L-Cysteine (M.W. 325.42) C ₁₆ H ₂₃ NO ₄ S [61925-77-7]	AA	BLC-2129 4 °C	5 g 25 g 100 g	40 140 477
W.F. Heath, J.P. Tam, and R.B. Merrifield, <i>Int. J. Pept. Protein Res.</i> , 28 , 498 (1986).				
Boc-Cys(MBzl)-OH t-Butyloxycarbonyl-S-p-Methoxybenzyl-L-Cysteine (M.W. 341.43) C ₁₆ H ₂₃ NO ₅ S [18942-46-6]	AA	BLC-2078 4 °C	5 g 25 g 100 g	40 140 477
M. Platen and E. Steckhan, <i>Liebigs Ann. Chem.</i> , 9 , 1563 (1984).				
Boc-Gln-OH t-Butyloxycarbonyl-L-Glutamine (M.W. 246.26) C ₁₀ H ₁₈ N ₂ O ₅ [13726-85-7]	AA-A	BLQ-2062 4 °C	5 g 25 g 100 g	25 60 180

* These compounds typically co-crystallize with ¼ - 1 molecule of water and/or ethyl acetate per molecule of amino acid derivatives. The exact analytical data are provided to customers with each shipment.

PRODUCT	GRADE	CODE	QTY	USD
Boc-Gln-ONp t-Butyloxycarbonyl-L-Glutamine p-Nitrophenyl Ester (M.W. 367.35) C ₁₆ H ₂₁ N ₃ O ₇ [15387-45-8]	A-B	BLQ-2079 -20 °C	5 g 25 g	115 395
Boc-Glu(OBzl)-OH t-Butyloxycarbonyl-L-Glutamic Acid γ-Benzyl Ester (M.W. 337.37) C ₁₇ H ₂₃ NO ₆ [13574-13-5]	AA	BLE-2103 4 °C	5 g 25 g 100 g	25 75 249
Boc-Glu(OcHex)-OH t-Butyloxycarbonyl-L-Glutamic Acid γ-Cyclohexyl Ester (M.W. 329.39) C ₁₆ H ₂₇ NO ₆ [73821-97-3]	AA	BLE-2134 4 °C	5 g 25 g 100 g	25 75 249
J.P. Tam, T.-W. Wong, M.W. Riemen, F.-S. Tjoeng, and R.B. Merrifield, <i>Tetrahedron Lett.</i> , 42 , 4033 (1979).				
Boc-Gly-OH t-Butyloxycarbonyl-Glycine (M.W. 175.18) C ₇ H ₁₃ NO ₄ [4530-20-5]	AA	BLG-2054 4 °C	5 g 25 g 100 g	20 40 120
Boc-His(Bom)-OH N ^ε -t-Butyloxycarbonyl-N ^ε -Benzyloxymethyl-L-Histidine (M.W. 375.42) C ₁₉ H ₂₅ N ₃ O ₅ [79950-65-5]	AA	BLH-2138 4 °C	5 g 25 g	115 440
T. Brown, J.H. Jones, and J.D. Richards, <i>J. Chem. Soc. Perkin Trans I</i> , 1982 , 1553.				
Boc-His(Tos)-OH N ^ε -t-Butyloxycarbonyl-N ^ε -Tosyl-L-Histidine (M.W. 409.46) C ₁₈ H ₂₃ N ₃ O ₆ S [35899-43-5]	A	BLH-2109 -20 °C	5 g 25 g	65 220
Boc-Hyp(Bzl)-OH t-Butyloxycarbonyl-O-Benzyl-L-Hydroxyproline (M.W. 321.37) C ₁₇ H ₂₃ NO ₅ [54631-81-1]	AA	BLX-2116 4 °C	5 g 25 g	95 340
Boc-Ile-OH • ½ H₂O t-Butyloxycarbonyl-L-Isoleucine • Hemihydrate (M.W. 231.29 • 9.01) C ₁₁ H ₂₁ NO ₄ • ½ H ₂ O [13139-16-7]	AA	BLI-2065 4 °C	5 g 25 g 100 g	20 40 120
Boc-Leu-OH • H₂O t-Butyloxycarbonyl-L-Leucine • Monohydrate (M.W. 231.29 • 18.02) C ₁₁ H ₂₁ NO ₄ • H ₂ O [13139-15-6]	AA	BLL-2055 4 °C	5 g 25 g 100 g	20 40 120
Boc-Lys(Cl-Z)-OH N ^ε -t-Butyloxycarbonyl-N ^ε -2-Chlorobenzoyloxycarbonyl-L-Lysine (M.W. 414.88) C ₁₉ H ₂₇ N ₂ O ₆ Cl [54613-99-9]	AA	BLK-2135 4 °C	5 g 25 g 100 g	50 190 581
Boc-Lys(Z)-OH N ^ε -t-Butyloxycarbonyl-N ^ε -Benzyloxycarbonyl-L-Lysine (M.W. 380.44) C ₁₉ H ₂₈ N ₂ O ₆ [2389-45-9]	AA	BLK-2108 4 °C	5 g 25 g 100 g	40 130 434
Boc-Met-OH t-Butyloxycarbonyl-L-Methionine (M.W. 249.33) C ₁₀ H ₁₉ NO ₄ S [2488-15-5]	AA	BLM-2104 4 °C	5 g 25 g 100 g	20 45 130
Boc-Phe-OH t-Butyloxycarbonyl-L-Phenylalanine (M.W. 265.30) C ₁₄ H ₁₉ NO ₄ [13734-34-4]	AA	BLF-2068 4 °C	5 g 25 g 100 g	20 40 120
Boc-Pro-OH t-Butyloxycarbonyl-L-Proline (M.W. 215.25) C ₁₀ H ₁₇ NO ₄ [15761-39-4]	AA	BLP-2056 4 °C	5 g 25 g 100 g	20 40 120
Boc-Sar-OH t-Butyloxycarbonyl-Sarcosine (M.W. 189.21) C ₈ H ₁₅ NO ₄ [13734-36-6]	AA	BSR-2120 4 °C	5 g 25 g 100 g	30 90 297
Boc-Ser(Bzl)-OH t-Butyloxycarbonyl-O-Benzyl-L-Serine (M.W. 295.33) C ₁₅ H ₂₁ NO ₅ [23680-31-1]	AA	BLS-2102 4 °C	5 g 25 g 100 g	40 140 477
Boc-Thr(Bzl)-OH t-Butyloxycarbonyl-O-Benzyl-L-Threonine (M.W. 309.36) C ₁₆ H ₂₃ NO ₅ [15260-10-3]	AA	BLT-2070 4 °C	5 g 25 g 100 g	45 150 450
Boc-Trp-OH N ^ε -t-Butyloxycarbonyl-L-Tryptophan (M.W. 304.34) C ₁₆ H ₂₀ N ₂ O ₄ [13139-14-5]	A	BLW-2057 4 °C	5 g 25 g 100 g	20 50 150

PRODUCT	GRADE	CODE	QTY	USD
Boc-Trp(CHO)-OH <i>N</i> ^α - <i>t</i> -Butyloxycarbonyl- <i>N</i> ^α -Formyl-L-Tryptophan (M.W. 332.35) C ₁₇ H ₂₀ N ₂ O ₅ [47355-10-2] M. Ohno, S. Tsukamoto, S. Sato, and N. Izumiya, <i>Bull. Chem. Soc. Jpn.</i> , 46 , 3280 (1973).	AA	BLW-2115 4 °C	5 g	70
			25 g	220
			100 g	660
Boc-Trp(Hoc)-OH <i>N</i> ^α - <i>t</i> -Butyloxycarbonyl- <i>N</i> ^α -Cyclohexyloxycarbonyl-L-Tryptophan (M.W. 430.49) C ₂₃ H ₃₀ N ₂ O ₆ Y. Nishiuchi, H. Nishio, T. Inui, T. Kimura, and S. Sakakibara, <i>Tetrahedron Lett.</i> , 37 , 7529 (1996).	A	BLW-2139 4 °C	5 g	595
Boc-Tyr(Bzl)-OH <i>t</i> -Butyloxycarbonyl- <i>O</i> -Benzyl-L-Tyrosine (M.W. 371.43) C ₂₁ H ₂₅ NO ₅ [2130-96-3]	AA	BLY-2071 4 °C	5 g	70
			25 g	220
			100 g	660
Boc-Tyr(Br-Z)-OH <i>t</i> -Butyloxycarbonyl- <i>O</i> -2-Bromobenzoyloxycarbonyl-L-Tyrosine (M.W. 494.33) C ₂₂ H ₂₄ NO ₇ Br [47689-67-8]	A	BLY-2114 4 °C	5 g	70
			25 g	255
			100 g	775
Boc-Tyr(Cl₂-Bzl)-OH <i>t</i> -Butyloxycarbonyl- <i>O</i> -2,6-Dichlorobenzyl-L-Tyrosine (M.W. 440.32) C ₂₁ H ₂₃ NO ₅ Cl ₂ [40298-71-3] D. Yamashiro and C.H. Li, <i>J. Am. Chem. Soc.</i> , 95 , 1310 (1980). Y. Kiso, M. Satomi, K. Ukawa, and T. Akita, <i>J. Chem. Soc. Chem. Commun.</i> , 22 , 1063 (1980).	AA	BLY-2119 4 °C	5 g	55
			25 g	195
			100 g	625
Boc-Val-OH <i>t</i> -Butyloxycarbonyl-L-Valine (M.W. 217.26) C ₁₀ H ₁₉ NO ₄ [13734-41-3]	AA	BLV-2105 4 °C	5 g	20
			25 g	40
			100 g	120
Boc Amino Acids attached to Pam Resin are listed on page 53.				
Boc Amino Acids attached to Merrifield Resin are listed on page 55.				
Boc-Protected D-Amino Acids				
Boc-D-Ala-OH <i>t</i> -Butyloxycarbonyl-D-Alanine (M.W. 189.21) C ₈ H ₁₅ NO ₄ [7764-95-6]	AA	BDA-2606 4 °C	1 g	22
			5 g	54
			25 g	195
Boc-D-Arg(Tos)-OH* <i>N</i> ^α - <i>t</i> -Butyloxycarbonyl- <i>N</i> ^α -Tosyl-D-Arginine (M.W. 428.50) C ₁₈ H ₂₈ N ₄ O ₆ S [61315-61-5]	AA	BDR-2609 4 °C	1 g	63
			5 g	170
Boc-D-Asn-OH <i>t</i> -Butyloxycarbonyl-D-Asparagine (M.W. 232.23) C ₉ H ₁₆ N ₂ O ₅ [75647-01-7]	AA-A	BDN-2626 4 °C	1 g	46
			5 g	163
			25 g	650
Boc-D-Asn-ONp <i>t</i> -Butyloxycarbonyl-D-Asparagine- <i>p</i> -Nitrophenyl Ester (M.W. 353.33) C ₁₉ H ₁₉ N ₃ O ₇ [104199-82-8]	B	BDN-2620 -20 °C	1 g	68
			5 g	234
Boc-D-Asn(Xan)-OH <i>N</i> ^α - <i>t</i> -Butyloxycarbonyl- <i>N</i> ^β -Xanthenyl-D-Asparagine (M.W. 412.45) C ₂₂ H ₂₄ N ₂ O ₆		BDN-2651-PI 4 °C	1 g	75
			5 g	295
Boc-D-Asp(OBzl)-OH <i>t</i> -Butyloxycarbonyl-D-Aspartic Acid β-Benzyl Ester (M.W. 323.35) C ₁₆ H ₂₁ NO ₆ [51186-58-4]	AA	BDD-2616 4 °C	1 g	43
			5 g	150
			25 g	575
Boc-D-Asp(OcHex)-OH <i>t</i> -Butyloxycarbonyl-D-Aspartic Acid β-Cyclohexyl Ester (M.W. 315.37) C ₁₅ H ₂₅ NO ₆ [112898-18-7]	AA	BDD-2617 4 °C	1 g	43
			5 g	150
			25 g	575
Boc-D-Asp-OFm <i>t</i> -Butyloxycarbonyl-D-Aspartic Acid-α-9-Fluorenylmethyl Ester (M.W. 411.46) C ₂₃ H ₂₅ NO ₆ [123417-19-6]		BDD-2618-PI 4 °C	1g	95
			5 g	395
Boc-D-Cys(4-CH₃Bzl)-OH <i>t</i> -Butyloxycarbonyl-S-4-Methylbenzyl-D-Cysteine (M.W. 325.42) C ₁₆ H ₂₃ NO ₄ S [61925-78-8]	AA	BDC-2611 4 °C	1 g	87
			5 g	344
Boc-D-Gln-OH <i>t</i> -Butyloxycarbonyl-D-Glutamine (M.W. 246.26) C ₁₀ H ₁₈ N ₂ O ₅ [61348-28-5]	AA-A	BDQ-2623 4 °C	1 g	46
			5 g	163
			25 g	650

* These compounds typically co-crystallize with ¼ - 1 molecule of water and/or ethyl acetate per molecule of amino acid derivatives.
The exact analytical data are provided to customers with each shipment.

PRODUCT	GRADE	CODE	QTY	USD
Boc-D-Gln-ONp t-Butyloxycarbonyl-D-Glutamine p-Nitrophenyl Ester (M.W. 367.35) C ₁₆ H ₂₁ N ₃ O ₇ [74086-23-0]	A-B	BDQ-2621 -20 °C	1 g 5 g	68 234
Boc-D-Glu(OBzl)-OH t-Butyloxycarbonyl-D-Glutamic Acid γ-Benzyl Ester (M.W. 337.37) C ₁₇ H ₂₃ NO ₆ [35793-73-8]	AA	BDE-2625 4 °C	1 g 5 g 25 g	44 150 575
Boc-D-Glu-OFm (Alpha Ester) t-Butyloxycarbonyl-D-Glutamic Acid α-9-Fluorenylmethyl Ester (M.W. 425.49) C ₂₄ H ₂₇ NO ₆		BDE-5595-PI 4 °C	1 g 5g	95 395
Boc-D-Glu(OFm)-OH (Gamma Ester) t-Butyloxycarbonyl-D-Glutamic Acid γ-9-Fluorenylmethyl Ester (M.W. 425.49) C ₂₄ H ₂₇ NO ₆ [123417-20-9]		BDE-5687-PI 4 °C	1 g 5 g	95 395
Boc-D-His(Tos)-OH • DCHA N ^ε -t-Butyloxycarbonyl-N ^m -Tosyl-D-Histidine • Dicyclohexylamine (M.W. 409.46 • 181.32) C ₁₈ H ₂₃ N ₃ O ₆ S • C ₁₂ H ₂₃ N	A	BDH-2605 4 °C	1 g 5 g 25 g	58 175 635
Boc-D-Ile-OH t-Butyloxycarbonyl-D-Isoleucine (M.W. 231.29) C ₁₁ H ₂₁ NO ₄ [55721-65-8]		BDI-5318-PI 4 °C	1 g 5 g	225 950
Boc-D-Ile • ½ H₂O t-Butyloxycarbonyl-D-Isoleucine Hemihydrate (M.W. 231.29 • 9.01) C ₁₃ H ₂₁ NO ₄ • ½H ₂ O	AA	BDI-2629 4 °C	1 g 5 g	339 <i>please inquire</i>
Boc-D-Leu-OH • H₂O t-Butyloxycarbonyl-D-Leucine • Monohydrate (M.W. 231.29 • 18.02) C ₁₁ H ₂₁ NO ₄ • H ₂ O [16937-99-8]	AA	BDL-2603 4 °C	1 g 5 g 25 g	27 68 252
Boc-D-Lys(Cl-Z)-OH N ^ε -t-Butyloxycarbonyl-N ^ε -2-Chloro-Benzoyloxycarbonyl-D-Lysine (M.W. 414.88) C ₁₉ H ₂₇ N ₂ O ₆ Cl [57096-11-4]	AA	BDK-2628 4 °C	1 g 5 g 25 g	55 195 750
Boc-D-Met-OH t-Butyloxycarbonyl-D-Methionine (M.W. 249.33) C ₁₀ H ₁₉ NO ₄ S [5241-66-7]	A	BDM-2608 4 °C	1 g 5 g 25 g	31 90 340
Boc-D-Phe-OH t-Butyloxycarbonyl-D-Phenylalanine (M.W. 265.30) C ₁₄ H ₁₉ NO ₄ [18942-49-9]	AA	BDF-2604 4 °C	1 g 5 g 25 g	27 59 215
Boc-D-Phe(NO₂)-OH t-Butyloxycarbonyl-p-Nitro-D-Phenylalanine (M.W. 310.31) C ₁₄ H ₁₈ N ₂ O ₆ [61280-75-9]		BDF-5222-PI 4 °C	1 g 5 g	55 165
Boc-D-Phg-OH t-Butyloxycarbonyl-D-Phenylglycine (M.W. 251.28) C ₁₃ H ₁₇ NO ₄ [33125-05-2]		BDP-2600-PI 4 °C	1 g 5 g	30 110
Boc-D-Pro-OH t-Butyloxycarbonyl-D-Proline (M.W. 215.25) C ₁₀ H ₁₇ NO ₄ [37784-17-1]	AA	BDP-2610 4 °C	1 g 5 g 25 g	55 195 685
Boc-D-Ser(Bzl)-OH t-Butyloxycarbonyl-O-Benzyl-D-Serine (M.W. 295.33) C ₁₅ H ₂₁ NO ₅ [47173-80-8]	AA	BDS-2627 4 °C	1 g 5 g 25 g	49 170 670
Boc-D-Thr(Bzl)-OH t-Butyloxycarbonyl-O-Benzyl-D-Threonine (M.W. 309.36) C ₁₆ H ₂₃ NO ₅ [69355-99-3]	AA	BDT-2624 4 °C	1 g 5 g 25 g	49 170 670
Boc-D-Trp-OH N ^ε -t-Butyloxycarbonyl-D-Tryptophan (M.W. 304.34) C ₁₆ H ₂₀ N ₂ O ₄ [5241-64-5]	A	BDW-2602 4 °C	1 g 5 g 25 g	27 68 195
Boc-D-Trp(CHO)-OH N ^ε -t-Butyloxycarbonyl-N ^m -Formyl-D-Tryptophan (M.W. 332.35) C ₁₇ H ₂₀ N ₂ O ₅ [64905-10-8]	AA	BDW-2614 4 °C	1 g 5 g 25 g	54 190 650
Boc-D-Tyr(Br-Z)-OH t-Butyloxycarbonyl-O-2-Bromobenzoyloxycarbonyl-D-Tyrosine (M.W. 494.33) C ₂₂ H ₂₄ NO ₇ Br [81189-61-9]	A	BDY-2612 4 °C	1 g 5 g 25 g	68 195 685

PRODUCT		CODE	QTY	USD
Boc-D-Tyr(Cl₂-Bzl)-OH t-Butyloxycarbonyl-O-2,6-Dichlorobenzyl-D-Tyrosine (M.W. 440.32) C ₂₁ H ₂₃ NO ₅ Cl ₂ [69541-62-4]	AA	BDY-2622 4 °C	1 g 5 g	63 234
Boc-D-Val-OH t-Butyloxycarbonyl-D-Valine (M.W. 217.27) C ₁₀ H ₁₉ NO ₄ [22838-58-0]	AA	BDV-2619 4 °C	1 g 5 g 25 g	30 83 320
Unusual Boc-Amino Acids				
Boc-Abu-OH t-Butyloxycarbonyl-L-α-Aminobutyric Acid (M.W. 203.24) C ₉ H ₁₇ NO ₄ [34306-42-8]		BLX-5362-PI 4 °C	1 g 5 g 25 g	20 60 240
Boc-D-Abu-OH t-Butyloxycarbonyl-D-α-Aminobutyric Acid (M.W. 203.24) C ₉ H ₁₇ NO ₄ [45121-22-0]		BDX-5365-PI 4 °C	1 g 5 g 25 g	20 60 240
Boc-D-Abu-OH • DCHA t-Butyloxycarbonyl-D-α-Aminobutyric Acid • Dicyclohexylamine (M.W. 203.24 • 181.26) C ₉ H ₁₇ NO ₄ • C ₁₂ H ₂₃ N		BDX-5360-PI 4 °C	5 g 25 g 100 g	45 180 540
Boc-γ-Abu-OH t-Butyloxycarbonyl-γ-Aminobutyric Acid (M.W. 203.24) C ₉ H ₁₇ NO ₄ [57294-38-9]		BAB-5363-PI 4 °C	5 g 25 g 100 g	49 75 225
Boc-ε-Aca-OH t-Butyloxycarbonyl-ε-Aminocaproic Acid (M.W. 231.29) C ₁₁ H ₂₁ NO ₄ [6404-29-1]		BAC-5352-PI 4 °C	5 g 25 g	49 195
Boc-Asn(Xan)-OH N ^α -t-Butyloxycarbonyl-N ^β -Xanthenyl-L-Asparagine (M.W. 412.45) C ₂₂ H ₂₄ N ₂ O ₆ [65420-40-8]		BLN-5351-PI 4 °C	5 g 25 g	50 195
Boc-Asp(OFm)-OH (Beta Ester) t-Butyloxycarbonyl-L-Aspartic Acid-β-9-Fluorenylmethyl Ester (M.W. 411.46) C ₂₃ H ₂₅ NO ₆		BLD-5662-PI 4 °C	5 g 25 g	195 795
Boc-Asp-OFm (Alpha Ester) t-Butyloxycarbonyl-L-Aspartic Acid-α-9-Fluorenylmethyl Ester (M.W. 411.46) C ₂₃ H ₂₅ NO ₆		BLD-5571-PI 4 °C	5 g 25 g	195 795
Boc-Aib-OH t-Butyloxycarbonyl-α-Aminoisobutyric Acid (t-Butyloxycarbonyl-α-Methylalanine) (M.W. 203.20) C ₉ H ₁₇ NO ₄ [30992-29-1]		BLX-5340-PI 4 °C	5 g 25 g	30 110
Boc-5-Ava-OH t-Butyloxycarbonyl-5-Aminovaleric Acid (M.W. 217.27) C ₁₀ H ₁₉ NO ₄ [27219-07-4]		BLX-5366-PI 4 °C	1 g 5 g	75 295
Boc-Dab(Fmoc)-OH N ^α -t-Butyloxycarbonyl-N ^β -9-Fluorenylmethoxycarbonyl-L-2,4-Diaminobutyric Acid (M.W. 440.50) C ₂₄ H ₂₈ N ₂ O ₆ [17106-21-5]		BLX-5369-PI 4 °C	1 g 5 g	110 440
Boc-D-Dab(Fmoc)-OH N ^α -t-Butyloxycarbonyl-N ^β -9-Fluorenylmethoxycarbonyl-D-2,4-Diaminobutyric Acid (M.W. 440.50) C ₂₄ H ₂₈ N ₂ O ₆ [131570-57-5]		BDX-5357-PI 4 °C	1 g 5 g	210 840
Boc-Dap(Fmoc)-OH N ^α -t-Butyloxycarbonyl-N ^β -9-Fluorenylmethoxycarbonyl-L-2,3-Diaminopropionic Acid (M.W. 426.47) C ₂₃ H ₂₆ N ₂ O ₆ [122235-70-5]		BLX-5359-PI 4 °C	1 g 5 g	110 440
Boc-D-Dap(Fmoc)-OH N ^α -t-Butyloxycarbonyl-N ^β -9-Fluorenylmethoxycarbonyl-D-2,3-Diaminopropionic Acid (M.W. 426.47) C ₂₃ H ₂₆ N ₂ O ₆ [131570-56-4]		BDX-5354-PI 4 °C	1 g 5 g	210 840
Boc-Deg-OH t-Butyloxycarbonyl-Diethylglycine (M.W. 231.29) C ₁₁ H ₂₁ NO ₄		BLX-5341-PI 4 °C	1 g 5 g 25 g	55 195 795

PRODUCT	CODE	QTY	USD
Boc-Dhp-OH t-Butyloxycarbonyl-3,4-Dehydro-L-Proline (M.W. 197.23) C ₁₀ H ₁₀ NO ₄ [51154-06-4]	BLX-5324-PI 4 °C	1 g	280
Boc-Dip-OH t-Butyloxycarbonyl-L-(3,3-Diphenyl)alanine (M.W. 341.41) C ₂₀ H ₂₃ NO ₄ [138662-63-2]	BDF-5528-PI 4 °C	1 g 5 g	135 495
Boc-D-Dip-OH t-Butyloxycarbonyl-D-(3,3-Diphenyl)alanine (M.W. 341.41) C ₂₀ H ₂₃ NO ₄ [117027-46-0]	BDF-5530-PI 4 °C	1 g 5 g	135 495
Boc-Glu(OFm)-OH (Gamma Ester) t-Butyloxycarbonyl-L-Glutamic Acid-γ-9-Fluorenylmethyl Ester (M.W. 425.49) C ₂₄ H ₂₇ NO ₆ [123417-18-5]	BLE-5683-PI 4 °C	5 g 25 g	195 795
Boc-Glu-OFm (Alpha Ester) t-Butyloxycarbonyl-L-Glutamic Acid-α-9-Fluorenylmethyl Ester (M.W. 425.48) C ₂₄ H ₂₇ NO ₆	BLE-5591-PI 4 °C	5 g 25 g	195 795
Boc-Gln(Xan)-OH N ^ε -t-Butyloxycarbonyl-N ^ε -Xanthylenyl-L-Glutamine (M.W. 426.47) C ₂₆ H ₂₆ N ₂ O ₆ [55260-24-7]	BLQ-5349-PI 4 °C	5 g 25 g	50 195
Boc-Homo-Phe-OH t-Butyloxycarbonyl-L-Homophenylalanine (M.W. 279.34) C ₁₅ H ₂₁ NO ₄ [100564-78-1]	BLF-5371-PI 4 °C	1 g 5 g	75 295
Boc-D-Homo-Phe-OH t-Butyloxycarbonyl-D-Homophenylalanine (M.W. 279.34) C ₁₅ H ₂₁ NO ₄ [82732-07-8]	BDF-5373-PI 4 °C	1 g 5 g	75 295
Boc-Hydroxy-Tic-OH t-Butyloxycarbonyl-7-Hydroxy-L-1,2,3,4-Tetrahydroisoquinoline 3-Carboxylic Acid (M.W. 293.32) C ₁₅ H ₁₉ NO ₅	BLX-5345-PI 4 °C	1 g	425
Boc-D-Hydroxy-Tic-OH t-Butyloxycarbonyl-7-Hydroxy-D-1,2,3,4-Tetrahydroisoquinoline 3-Carboxylic Acid (M.W. 293.32) C ₁₅ H ₁₉ NO ₅ [214630-00-9]	BDX-5343-PI 4 °C	1 g	475
Boc-allo-Ile-OH t-Butyloxycarbonyl-allo-Isoleucine (M.W. 231.29) C ₁₁ H ₂₁ NO ₄ [35264-07-4]	BLX-5342-PI 4 °C	1 g 5 g	195 795
Boc-D-Ile-OH t-Butyloxycarbonyl-D-Isoleucine (M.W. 231.29) C ₁₁ H ₂₁ NO ₄ [55721-65-8]	BDI-5318-PI 4 °C	1 g 5 g	225 950
Boc-Lys(Boc)-OH • DCHA N ^ε , N ^ε -di-t-Butyloxycarbonyl-L-Lysine • Dicyclohexylamine Salt (M.W. 346.43 • 181.32) C ₁₆ H ₃₀ N ₂ O ₆ • C ₁₂ H ₂₃ N [15098-69-8]	BLK-5328-PI 4 °C	5 g 25 g	20 80
Boc-mini-PEG™ Boc-8-Amino-3,6-Dioxaoctanoic Acid • DCHA tert-Butyloxycarbonyl-8-Amino-3,6-Dioxaoctanoic Acid • Dicyclohexylamine (M.W. 263.29 • 181.3) C ₁₁ H ₂₁ NO ₆ • C ₁₂ H ₂₃ N Boc-AEEA	BXX-5519-PI 4 °C	1 g 5 g	125 495
Boc-mini-PEG-3™ Boc-11-Amino-3,6,9-Trioxaundecanoic Acid • DCHA tert-Butyloxycarbonyl-11-Amino-3,6,9-Trioxaundecanoic Acid • Dicyclohexylamine (M.W. 307.35 • 181.32) C ₁₃ H ₂₅ NO ₇ • C ₁₂ H ₂₃ N Boc-AEEEA	BXX-5523-PI 4 °C	1 g 5 g	150 575
Boc-Nal(2')-OH t-Butyloxycarbonyl-L-(2-Naphthyl)alanine (M.W. 315.37) C ₁₈ H ₂₁ NO ₄ [58438-04-3]	BLX-5327-PI 4 °C	1 g 5 g	60 240
Boc-D-Nal(2')-OH t-Butyloxycarbonyl-D-(2-Naphthyl)alanine (M.W. 315.37) C ₁₈ H ₂₁ NO ₄ [76985-10-9]	BDX-5319-PI 4 °C	1 g 5 g	80 320
Boc-Nal(1')-OH t-Butyloxycarbonyl-L-(1-Naphthyl)alanine (M.W. 315.37) C ₁₈ H ₂₁ NO ₄ [55447-00-2]	BLX-5379-PI 4 °C	1 g 5 g	80 320

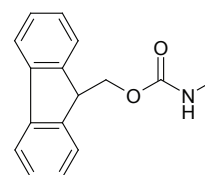
PRODUCT	CODE	QTY	USD
Boc-D-Nal(1')-OH <i>t</i> -Butyloxycarbonyl-D-(1-Naphthyl)alanine (M.W. 315.37) C ₁₈ H ₂₁ NO ₄ [76932-48-4]	BDX-5381-PI 4 °C	1 g 5 g	80 320
Boc-Norleucine (syrup) <i>t</i> -Butyloxycarbonyl-L-Norleucine (M.W. 231.29) C ₁₁ H ₂₁ NO ₄ [6404-28-0]	BLX-5325-PI 4 °C	5 g 25 g	95 380
Boc-Norvaline (syrup) <i>t</i> -Butyloxycarbonyl-L-Norvaline (M.W. 217.27) C ₁₀ H ₁₉ NO ₄ [53308-95-5]	BLX-5320-PI 4 °C	5 g 25 g	85 330
Boc-Orn-OH <i>t</i> -Butyloxycarbonyl-L-Ornithine (M.W. 232.28) C ₁₀ H ₂₀ N ₂ O ₄ [21887-64-9]	BLO-5321-PI 4 °C	1 g 5 g 25 g	50 175 700
Boc-Orn(Cl-Z)-OH <i>N</i> ^α - <i>t</i> -Butyloxycarbonyl- <i>N</i> ^ε -2-Chlorobenzoyloxycarbonyl-L-Ornithine (M.W. 400.86) C ₁₈ H ₂₅ N ₂ O ₆ Cl [118554-00-0]	BLO-5326-PI 4 °C	5 g 25 g	149 595
Boc-Orn(Boc)-OH <i>N</i> ^α , <i>N</i> ^ε -di- <i>t</i> -Butyloxycarbonyl-L-Ornithine (M.W. 332.40) C ₁₅ H ₂₈ N ₂ O ₆ [57133-29-6]	BLO-5361-PI 4 °C	1 g 5 g 25 g	20 70 275
Boc-Orn(Fmoc)-OH <i>N</i> ^α - <i>t</i> -Butyloxycarbonyl- <i>N</i> ^ε -9-Fluorenylmethoxycarbonyl-L-Ornithine (M.W. 454.53) C ₂₅ H ₃₀ N ₂ O ₆ [150828-96-9]	BLX-5368-PI 4 °C	1 g 5 g	50 200
Boc-D-Orn(Fmoc)-OH <i>N</i> ^α - <i>t</i> -Butyloxycarbonyl- <i>N</i> ^ε -9-Fluorenylmethoxycarbonyl-D-Ornithine (M.W. 454.53) C ₂₅ H ₃₀ N ₂ O ₆	BDX-5355-PI 4 °C	1 g 5 g	125 495
Boc-3-Pal-OH <i>t</i> -Butyloxycarbonyl-L-(3-Pyridyl)alanine (M.W. 266.30) C ₁₃ H ₁₈ N ₂ O ₄ [117142-26-4]	BLX-5331-PI 4 °C	1 g 5 g	135 495
Boc-D-3-Pal-OH <i>t</i> -Butyloxycarbonyl-D-(3-Pyridyl)alanine (M.W. 266.30) C ₁₃ H ₁₈ N ₂ O ₄ [98266-33-2]	BDX-5339-PI 4 °C	1 g 5 g	135 495
Boc-4-Pal-OH <i>t</i> -Butyloxycarbonyl-L-(4-Pyridyl)alanine (M.W. 266.30) C ₁₃ H ₁₈ N ₂ O ₄ [37535-57-2]	BLX-5532-PI 4 °C	1 g 5 g	145 580
Boc-D-4-Pal-OH <i>t</i> -Butyloxycarbonyl-D-(4-Pyridyl)alanine (M.W. 266.30) C ₁₃ H ₁₈ N ₂ O ₄ [37535-58-3]	BDX-5533-PI 4 °C	1 g 5 g	145 580
Boc-Pen(Meb)-OH • DCHA <i>t</i> -Butyloxycarbonyl- <i>S</i> - <i>p</i> -Methylbenzyl-L-Penicillamine • Dicyclohexylamine (M.W. 353.48 • 181.32) C ₁₈ H ₂₇ NO ₄ S • C ₁₂ H ₂₃ N [198474-61-2]	BLX-5221-PI 4 °C	1 g 5 g	95 380
Boc-D-Pen(Meb)-OH • DCHA <i>t</i> -Butyloxycarbonyl- <i>S</i> - <i>D</i> -Methylbenzyl-D-Penicillamine • Dicyclohexylamine (M.W. 353.48 • 181.32) C ₁₈ H ₂₇ NO ₄ S • C ₁₂ H ₂₃ N [198470-36-9]	BDX-5220-PI 4 °C	1 g 5 g 25 g	40 135 480
Boc-Pen(Mob)-OH <i>t</i> -Butyloxycarbonyl- <i>S</i> - <i>p</i> -Methoxybenzyl-L-Penicillamine (M.W. 369.48) C ₁₈ H ₂₇ NO ₅ S [120944-75-4]	BLX-5828-PI 4 °C	1 g 5 g	120 480
Boc-D-Pen(Mob)-OH <i>t</i> -Butyloxycarbonyl- <i>S</i> - <i>p</i> -Methoxybenzyl-D-Penicillamine (M.W. 369.48) C ₁₈ H ₂₇ NO ₅ S [106306-57-4]	BDX-2615-PI 4 °C	1 g 5 g	70 280
Boc-Pentafluoro-Phe-OH <i>t</i> -Butyloxycarbonyl-Pentafluoro-L-Phenylalanine (M.W. 355.26) C ₁₄ H ₁₄ NO ₄ F ₅ [34702-60-8]	BLF-5383-PI 4 °C	1 g 5 g	80 320
Boc-D-Pentafluoro-Phe-OH <i>t</i> -Butyloxycarbonyl-Pentafluoro-D-Phenylalanine (M.W. 355.26) C ₁₄ H ₁₈ NO ₄ F ₅ [136207-26-6]	BDF-5385-PI 4 °C	1 g 5 g	80 320
Boc-<i>p</i>-Cl-Phe-OH <i>t</i> -Butyloxycarbonyl- <i>p</i> -Chloro-L-Phenylalanine (M.W. 299.76) C ₁₄ H ₁₈ NO ₄ Cl [68090-88-0]	BLF-5315-PI 4 °C	1 g 5 g	60 240

PRODUCT	CODE	QTY	USD
Boc-<i>p</i>-Cl-D-Phe-OH <i>t</i> -Butyloxycarbonyl- <i>p</i> -Chloro-D-Phenylalanine (M.W. 299.76) C ₁₄ H ₁₈ NO ₄ Cl [57292-44-1]	BDF-5316-PI 4 °C	1 g 5 g	60 240
Boc-<i>p</i>-F-Phe-OH <i>t</i> -Butyloxycarbonyl- <i>p</i> -Fluoro-L-Phenylalanine (M.W. 283.30) C ₁₄ H ₁₈ NO ₄ F [41153-30-4]	BLF-5329-PI 4 °C	1 g 5 g	60 240
Boc-<i>p</i>-F-D-Phe-OH <i>t</i> -Butyloxycarbonyl- <i>p</i> -Fluoro-D-Phenylalanine (M.W. 283.30) C ₁₄ H ₁₈ NO ₄ F [57292-45-2]	BDF-5335-PI 4 °C	1 g 5 g	60 240
Boc-Phe(NO₂)-OH <i>t</i> -Butyloxycarbonyl- <i>p</i> -Nitro-L-Phenylalanine (M.W. 309.31) C ₁₄ H ₁₈ N ₂ O ₆ [33305-77-0]	BLF-5333-PI 4 °C	1 g 5 g	20 85
Boc-Phe(NH₂)-OH <i>t</i> -Butyloxycarbonyl- <i>p</i> -Amino-L-Phenylalanine (M.W. 280.33) C ₁₄ H ₂₀ N ₂ O ₄ [55533-24-9]	BLF-5337-PI 4 °C	1 g 5 g	50 195
Boc-Phe(NH-Z)-OH <i>N</i> ^z - <i>t</i> -Butyloxycarbonyl-L-Phenylalanine (<i>p</i> -Amino-Carbobenzoxy) (M.W. 414.46) C ₂₂ H ₂₆ N ₂ O ₆	BLX-5230-PI 4 °C	1 g 5 g	70 275
Boc-Phg-OH <i>t</i> -Butyloxycarbonyl-L-Phenylglycine (M.W. 251.28) C ₁₃ H ₁₇ NO ₄ [2900-27-8]	BFG-5323-PI 4 °C	1 g 5 g	35 140
Boc-2-Thienylalanine <i>t</i> -Butyloxycarbonyl-L-2-Thienylalanine (M.W. 271.34) C ₁₂ H ₁₇ NO ₄ S [56675-37-7]	BBX-5387-PI 4 °C	1 g 5 g	80 320
Boc-D-2-Thienylalanine <i>t</i> -Butyloxycarbonyl-D-2-Thienylalanine (M.W. 271.34) C ₁₂ H ₁₇ NO ₄ S [78452-55-8]	BDX-5389-PI 4 °C	1 g 5 g	80 320
Boc-Tic-OH <i>t</i> -Butyloxycarbonyl-L-1,2,3,4-Tetrahydroisoquinoline-3-Carboxylic Acid (M.W. 277.32) C ₁₅ H ₁₉ NO ₄ [78879-20-6]	BLX-5347-PI 4 °C	1 g 5 g	75 315
Boc-D-Tic-OH <i>t</i> -Butyloxycarbonyl-D-1,2,3,4-Tetrahydroisoquinoline-3-Carboxylic Acid (M.W. 277.32) C ₁₅ H ₁₉ NO ₄ [115962-35-1]	BDX-5346-PI 4 °C	1 g 5 g	95 395
Boc-Tyr(Me)-OH <i>t</i> -Butyloxycarbonyl- <i>O</i> -Methyl-L-Tyrosine (<i>t</i> -Butyloxycarbonyl- <i>p</i> -Methoxy-L-Phenylalanine) (M.W. 295.34) C ₁₅ H ₂₁ NO ₅ [53267-93-9]	BLY-5332-PI 4 °C	1 g 5 g	55 220
Boc-D-Tyr(Me)-OH <i>t</i> -Butyloxycarbonyl- <i>O</i> -Methyl-D-Tyrosine (<i>t</i> -Butyloxycarbonyl- <i>p</i> -Methoxy-D-Phenylalanine) (M.W. 295.34) C ₁₅ H ₂₁ NO ₅ [68856-96-2]	BDY-5336-PI 4 °C	1 g 5 g	125 495
Boc-Tyr(Et)-OH <i>t</i> -Butyloxycarbonyl- <i>O</i> -Ethyl-L-Tyrosine (M.W. 309.40) C ₁₆ H ₂₃ NO ₅ [76757-91-0]	BLY-5334-PI 4 °C	1 g 5 g	45 180
Boc-D-Tyr(Et)-OH <i>t</i> -Butyloxycarbonyl- <i>O</i> -Ethyl-D-Tyrosine (M.W. 309.40) C ₁₆ H ₂₃ NO ₅ [76757-92-1]	BDY-5338-PI 4 °C	1 g 5 g	105 415
Boc-11-Aminoundecanoic Acid <i>t</i> -Butyloxycarbonyl-11-Aminoundecanoic Acid (M.W. 301.43) C ₁₆ H ₃₁ NO ₄	BAM-5454-PI 4 °C	5 g 25 g	65 260
Boc-N-Methyl Amino Acids			
Boc-N-Me-Leu-OH <i>t</i> -Butyloxycarbonyl- <i>N</i> -Methyl-L-Leucine (M.W. 245.32) C ₁₂ H ₂₃ NO ₄ [53363-89-6]	BML-5313-PI 4 °C	1 g 5 g	67 260
Boc-N-Me-Phe-OH <i>t</i> -Butyloxycarbonyl- <i>N</i> -Methyl-L-Phenylalanine (M.W. 279.34) C ₁₅ H ₂₁ NO ₄ [37553-65-4]	BXF-5322-PI 4 °C	1 g 5 g	67 260

PRODUCT	CODE	QTY	USD
Boc-N-Me-Ser-OH t-Butyloxycarbonyl-N-Methyl-L-Serine (M.W. 219.24) C ₉ H ₁₇ NO ₅ [101772-29-6]	BMS-5310-PI 4 °C	1 g 5 g	67 260
Boc-N-Me-Tyr-OH • DCHA t-Butyloxycarbonyl-N-Methyl-L-Tyrosine • Dicyclohexylamine (M.W. 295.34 • 181.32) C ₁₅ H ₂₁ NO ₅ • C ₁₂ H ₂₃ N [95105-25-2]	BMV-5311-PI 4 °C	1 g 5 g	67 260
Boc-N-Me-Val-OH t-Butyloxycarbonyl-N-Methyl-L-Valine (M.W. 231.29) C ₁₁ H ₂₁ NO ₄ [45170-31-8]	BMV-5312-PI 4 °C	1 g 5 g	67 260
Boc-Amino Acid Esters			
Boc-Leu-OEt t-Butyloxycarbonyl-L-Leucine Ethyl Ester (M.W. 259.35)	BEL-5540-PI 4 °C	1 g 5 g 25 g	36 126 405
Boc-Phe-OEt t-Butyloxycarbonyl-L-Phenylalanine Ethyl Ester (M.W. 293.36)	BEF-5841-PI 4 °C	5 g 25 g 100 g	36 126 405
Boc-Amino Acid Derivatives			
Boc-p-Aminobenzoic Acid Boc-PABA (M.W. 237.26) C ₁₂ H ₁₅ NO ₄	BAB-5403-PI 4 °C	1 g 5 g 25 g	35 125 495
Boc-Dap-OH N ^α -t-Butyloxycarbonyl-L-2,3-Diaminopropionic Acid (M.W. 204.23) C ₈ H ₁₆ N ₂ O ₄ [73259-81-1]	BLX-5378-PI 4 °C	1 g 5 g 25 g	49 195 695
Boc-Lys(Fmoc)-OH N ^α -t-Butyloxycarbonyl-N ^ε -9-Fluorenylmethoxycarbonyl-L-Lysine (M.W. 468.55) C ₂₆ H ₃₂ N ₂ O ₆ [84624-27-1]	BLK-5364-PI 4 °C	1 g 5 g 25 g	30 110 440
Boc-D-Lys(Fmoc)-OH N ^α -t-Butyloxycarbonyl-N ^ε -9-Fluorenylmethoxycarbonyl-D-Lysine (M.W. 468.55) C ₂₆ H ₃₂ N ₂ O ₆ [115186-31-7]	BDX-5375-PI 4 °C	1 g 5 g	65 255

Fmoc-Protected L-Amino Acids

We are pleased to offer a carefully selected list of stable, high purity fluorenylmethoxycarbonyl (Fmoc) amino acid derivatives. The temporary, base labile, Fmoc protecting group is usually removed by 20% piperidine in dimethylformamide (DMF), and is ideal in applications involving orthogonal synthesis.



Fmoc Protecting Group

PRODUCT	CODE	QTY	USD
Fmoc-Ala-OH • H₂O 9-Fluorenylmethoxycarbonyl-L-Alanine • H ₂ O (M.W. 311.34 • 18.02) C ₁₈ H ₁₇ NO ₄ • H ₂ O [35661-39-3]	FLA-1706-PI 4 °C	5 g 25 g 100 g	10 30 95
Fmoc-β-Ala-OH 9-Fluorenylmethoxycarbonyl-β-Alanine (M.W. 311.34) C ₁₈ H ₁₇ NO ₄ [35737-10-1]	FLX-1744-PI 4 °C	1 g 5 g 25 g	17 50 179
Fmoc-Arg-OH 9-Fluorenylmethoxycarbonyl-L-Arginine (M.W. 396.45) C ₂₁ H ₂₄ N ₄ O ₄ [91000-69-0]	FLR-1708-PI 4 °C	5 g 25 g	50 179
Fmoc-Arg(Pbf)-OH N ^α -9-Fluorenylmethoxycarbonyl-N ^ε -2,2,4,6,7-Pentamethylidihydrobenzofuran-5-Sulfonyl-L-Arginine (M.W. 648.78) C ₃₄ H ₄₀ N ₄ O ₇ S [154445-77-9]	FLR-1746-PI 4 °C	5 g 25 g 100 g	50 165 595
Fmoc-Arg(Tos)-OH N ^α -9-Fluorenylmethoxycarbonyl-N ^ε -Tosyl-L-Arginine (M.W. 550.60) C ₂₈ H ₃₀ N ₄ O ₆ S [83792-47-6]	FLR-1710-PI 4 °C	1 g 5 g	35 140
Fmoc-Asn-OH 9-Fluorenylmethoxycarbonyl-L-Asparagine (M.W. 354.37) C ₁₉ H ₁₈ N ₂ O ₅ [71989-16-7]	FLN-1704-PI 4 °C	5 g 25 g 100 g	25 70 255

PRODUCT	CODE	QTY	USD
Fmoc-Asn(Trt)-OH <i>N</i> ^ε -9-Fluorenylmethoxycarbonyl- <i>N</i> ^ε -Trityl-L-Asparagine (M.W. 596.69) C ₃₈ H ₃₂ N ₂ O ₅ [132388-59-1]	FLN-1754-PI 4 °C	5 g	55
		25 g	150
		100 g	495
Fmoc-Asp(OBzl)-OH 9-Fluorenylmethoxycarbonyl-L-Aspartic Acid β-Benzyl Ester (M.W. 445.46) C ₂₆ H ₂₃ NO ₆ [86060-83-5]	FLD-1712-PI 4 °C	1 g	35
		5 g	159
		25 g	625
Fmoc-Asp(OtBu)-OH 9-Fluorenylmethoxycarbonyl-L-Aspartic Acid β- <i>t</i> -Butyl Ester (M.W. 411.46) C ₂₃ H ₂₅ NO ₆ [129460-09-9]	FLD-1713-PI 4 °C	5 g	40
		25 g	140
		100 g	445
Fmoc-Cys(Acm)-OH 9-Fluorenylmethoxycarbonyl- <i>S</i> -Acetamidomethyl-L-Cysteine (M.W. 414.48) C ₂₁ H ₂₂ N ₂ O ₅ S [86060-81-3]	FLC-1714-PI 4 °C	5 g	55
		25 g	195
Fmoc-Cys(tBu)-OH 9-Fluorenylmethoxycarbonyl- <i>S</i> - <i>t</i> -Butyl-L-Cysteine (M.W. 399.50) C ₂₂ H ₂₅ NO ₄ S [67436-13-9]	FLC-1741-PI 4 °C	5 g	79
		25 g	275
Fmoc-Cys(<i>p</i>MeOBzl)-OH 9-Fluorenylmethoxycarbonyl- <i>S</i> - <i>p</i> -Methoxybenzyl-L-Cysteine (M.W. 463.51) C ₂₆ H ₂₅ NO ₅ S [141892-41-3]	FLC-1717-PI 4 °C	5 g	116
		25 g	495
Fmoc-Cys(Trt)-OH 9-Fluorenylmethoxycarbonyl- <i>S</i> -Trityl-L-Cysteine (M.W. 585.71) C ₃₇ H ₃₁ NO ₄ S [103213-32-7]	FLC-1718-PI 4 °C	5 g	35
		25 g	95
		100 g	275
Fmoc-Cys(Xan)-OH 9-Fluorenylmethoxycarbonyl- <i>S</i> -Xanthylyl-L-Cysteine (M.W. 523.61) C ₃₁ H ₂₅ NO ₅ S	FLC-5358-PI 4 °C	5 g	99
		25 g	395
Fmoc-Cys(Xan)-OPfp 9-Fluorenylmethoxycarbonyl- <i>S</i> -Xanthylyl-L-Cysteine Pentafluorophenyl Ester (M.W. 689.66) C ₃₇ H ₂₄ NO ₅ SF ₅	FLC-5374-PI 4 °C	1 g	75
		5 g	245
Fmoc-Glu(OBzl)-OH 9-Fluorenylmethoxycarbonyl-L-Glutamic Acid γ-Benzyl Ester (M.W. 459.50) C ₂₇ H ₂₅ NO ₆ [123639-61-2]	FLE-1719-PI 4 °C	1 g	22
		5 g	75
		25 g	300
Fmoc-Glu(OtBu)-OH 9-Fluorenylmethoxycarbonyl-L-Glutamic Acid γ- <i>t</i> -Butyl Ester (M.W. 425.49) C ₂₄ H ₂₇ NO ₆	FLE-1720-PI 4 °C	5 g	40
		25 g	140
		100 g	445
Fmoc-Gln-OH 9-Fluorenylmethoxycarbonyl-L-Glutamine (M.W. 368.39) C ₂₀ H ₂₀ N ₂ O ₅ [71989-20-3]	FLQ-1721-PI 4 °C	5 g	20
		25 g	70
		100 g	255
Fmoc-Gln(Trt)-OH <i>N</i> ^ε -9-Fluorenylmethoxycarbonyl- <i>N</i> ^ε -Trityl-L-Glutamine (M.W. 610.72) C ₃₉ H ₃₄ N ₂ O ₅ [132327-80-1]	FLQ-1755-PI 4 °C	5 g	55
		25 g	150
		100 g	495
Fmoc-Gly-OH 9-Fluorenylmethoxycarbonyl-Glycine (M.W. 297.31) C ₁₇ H ₁₅ NO ₄ [29022-11-5]	FLG-1701-PI 4 °C	5 g	10
		25 g	30
		100 g	95
Fmoc-His(Bzl)-OH <i>N</i> ^ε -Fluorenylmethoxycarbonyl- <i>N</i> ^ε -Benzyl-L-Histidine (M.W. 467.53) C ₂₈ H ₂₅ N ₃ O ₄	FLH-1742-PI 4 °C	1 g	23
		5 g	89
		25 g	375
Fmoc-His(Fmoc)-OH <i>N</i> ^ε , <i>N</i> ^ε -di-9-Fluorenylmethoxycarbonyl-L-Histidine (M.W. 599.65) C ₃₆ H ₂₉ N ₃ O ₆ [98929-98-7]	FLH-1702-PI 4 °C	1 g	23
		5 g	79
		25 g	349
Fmoc-His(Trt)-OH <i>N</i> ^ε -9-Fluorenylmethoxycarbonyl- <i>N</i> ^ε -Trityl-L-Histidine (M.W. 619.73) C ₄₀ H ₃₃ N ₃ O ₄ [128545-09-5]	FLH-1740-PI 4 °C	5 g	35
		25 g	95
		100 g	275
Fmoc-Ile-OH 9-Fluorenylmethoxycarbonyl-L-Isoleucine (M.W. 353.42) C ₂₁ H ₂₃ NO ₄ [71989-23-6]	FLI-1724-PI 4 °C	5 g	10
		25 g	30
		100 g	95
Fmoc-Leu-OH 9-Fluorenylmethoxycarbonyl-L-Leucine (M.W. 353.42) C ₂₁ H ₂₃ NO ₄ [35661-60-0]	FLL-1725-PI 4 °C	5 g	10
		25 g	30
		100 g	95

PRODUCT	CODE	QTY	USD
Fmoc-Lys(Boc)-OH <i>N</i> ^α -9-Fluorenylmethoxycarbonyl- <i>N</i> ^ε - <i>t</i> -Butyloxycarbonyl-L-Lysine (M.W. 468.55) C ₂₆ H ₃₂ N ₂ O ₆ [71989-26-9]	FLK-1726-PI 4 °C	5 g 25 g 100 g	35 110 350
Fmoc-Lys(Fmoc)-OH <i>N</i> ^α , <i>N</i> ^ε -di-9-Fluorenylmethoxycarbonyl-L-Lysine (M.W. 590.68) C ₃₆ H ₃₄ N ₂ O ₆ [78081-87-5]	FLK-1750-PI 4 °C	1 g 5 g 25 g	20 49 195
Fmoc-Lys(Z)-OH <i>N</i> ^α -Fluorenylmethoxycarbonyl- <i>N</i> ^ε -Benzyloxycarbonyl-L-Lysine (M.W. 502.57) C ₂₉ H ₃₀ N ₂ O ₆ [86060-82-4]	FLK-1727-PI 4 °C	1 g 5 g 25 g	22 89 373
Fmoc-Met-OH 9-Fluorenylmethoxycarbonyl-L-Methionine (M.W. 371.46) C ₂₀ H ₂₁ NO ₄ S [71989-28-1]	FLM-1703-PI 4 °C	5 g 25 g 100 g	10 30 95
Fmoc-Nle-OH 9-Fluorenylmethoxycarbonyl-L-Norleucine (M.W. 353.42) C ₂₁ H ₂₃ NO ₆ [77284-32-3]	FLU-1728-PI 4 °C	1 g 5 g 25 g	22 89 319
Fmoc-Nva-OH 9-Fluorenylmethoxycarbonyl-L-Norvaline (M.W. 339.39) C ₂₀ H ₂₁ NO ₄ [135112-28-6]	FLX-1785-PI 4 °C	5 g 25 g	79 299
Fmoc-Orn(Boc)-OH <i>N</i> ^α -9-Fluorenylmethoxycarbonyl- <i>N</i> ^ε - <i>t</i> -Butyloxycarbonyl-L-Ornithine (M.W. 454.52) C ₂₅ H ₃₀ N ₂ O ₆ [109425-55-0]	FLO-1729-PI 4 °C	1 g 5 g 25 g	19 76 295
Fmoc-Orn(Mtt)-OH <i>N</i> ^α -9-Fluorenylmethoxycarbonyl- <i>N</i> ^ε -4-Methyltrityl-L-Ornithine (M.W. 610.76) C ₄₀ H ₃₈ N ₂ O ₄	FLO-1747-PI 4 °C	1 g 5 g	55 220
Fmoc-Phe-OH 9-Fluorenylmethoxycarbonyl-L-Phenylalanine (M.W. 387.44) C ₂₄ H ₂₁ NO ₄ [35661-40-6]	FLF-1730-PI 4 °C	5 g 25 g 100 g	10 30 95
Fmoc-Pro-OH 9-Fluorenylmethoxycarbonyl-L-Proline (M.W. 337.38) C ₂₀ H ₁₉ NO ₄ [71989-31-6]	FLP-1731-PI 4 °C	5 g 25 g 100 g	10 30 95
Fmoc-Sar-OH 9-Fluorenylmethoxycarbonyl- <i>N</i> -Methyl-Glycine 9-Fluorenylmethoxycarbonyl-Sarcosine (M.W. 311.34) C ₁₈ H ₁₇ NO ₄ [77128-70-2]	FLX-1751-PI 4 °C	5 g 25 g	52 195
Fmoc-Ser(Bzl)-OH <i>N</i> ^α -9-Fluorenylmethoxycarbonyl- <i>O</i> -Benzyl-L-Serine (M.W. 417.46) C ₂₅ H ₂₃ NO ₅ [83792-48-7]	FLS-1732-PI 4 °C	1 g 5 g 25 g	25 99 425
Fmoc-Ser(tBu)-OH <i>N</i> ^α -9-Fluorenylmethoxycarbonyl- <i>O</i> - <i>t</i> -Butyl-L-Serine (M.W. 383.45) C ₂₂ H ₂₅ NO ₅ [71989-33-8]	FLS-1733-PI 4 °C	5 g 25 g 100 g	35 130 395
Fmoc-Ser(Trt)-OH <i>N</i> ^α -9-Fluorenylmethoxycarbonyl- <i>O</i> -Trityl-L-Serine (M.W. 569.66) C ₃₇ H ₃₁ NO ₅ [111061-56-4]	FLS-1756-PI 4 °C	5 g 25 g	90 350
Fmoc-Thr(Bzl)-OH 9-Fluorenylmethoxycarbonyl- <i>O</i> -Benzyl-L-Threonine (M.W. 431.49) C ₂₆ H ₂₅ NO ₅ [47872-75-0]	FLT-1734-PI 4 °C	1 g 5 g 25 g	44 179 700
Fmoc-Thr(tBu)-OH 9-Fluorenylmethoxycarbonyl- <i>O</i> - <i>t</i> -Butyl-L-Threonine (M.W. 397.48) C ₂₃ H ₂₇ NO ₅ [71989-35-0]	FLT-1700-PI 4 °C	5 g 25 g 100 g	35 130 395
Fmoc-Thr(Trt)-OH <i>N</i> ^α -9-Fluorenylmethoxycarbonyl- <i>O</i> -Trityl-L-Threonine (M.W. 583.69) C ₃₈ H ₃₃ NO ₅ [133180-01-5]	FLT-1768-PI 4 °C	1 g 5 g 25 g	22 99 450
Fmoc-Trp-OH <i>N</i> ^α -9-Fluorenylmethoxycarbonyl-L-Tryptophan (M.W. 426.48) C ₂₆ H ₂₂ N ₂ O ₄ [35737-15-6]	FLW-1735-PI 4 °C	5 g 25 g 100 g	10 30 95
Fmoc-Trp(Boc)-OH <i>N</i> ^α -9-Fluorenylmethoxycarbonyl- <i>N</i> ^ε - <i>t</i> -Butyloxycarbonyl-L-Tryptophan (M.W. 526.59) C ₃₁ H ₃₀ N ₂ O ₆ [143824-78-6]	FLW-1769-PI 4 °C	5 g 25 g 100 g	95 245 795

PRODUCT	CODE	QTY	USD
Fmoc-Tyr(Bzl)-OH 9-Fluorenylmethoxycarbonyl- <i>O</i> -Benzyl-L-Tyrosine (M.W. 493.56) C ₃₁ H ₂₇ NO ₅ [71989-40-7]	FLY-1736-PI 4 °C	1 g 5 g 25 g	40 157 625
Fmoc-Tyr(tBu)-OH 9-Fluorenylmethoxycarbonyl- <i>O</i> - <i>t</i> -Butyl-L-Tyrosine (M.W. 459.55) C ₂₈ H ₂₉ NO ₅ [71989-38-3]	FLY-1737-PI 4 °C	5 g 25 g 100 g	55 130 395
Fmoc-Tyr(Cl₂-Bzl)-OH <i>N</i> ^ε -9-Fluorenylmethoxycarbonyl- <i>O</i> -2,6-Dichlorobenzyl-L-Tyrosine (M.W. 562.45) C ₃₁ H ₂₅ NO ₅ Cl ₂ [112402-12-7]	FLY-1738-PI 4 °C	1 g 5 g 25 g	44 179 747
Fmoc-Val-OH 9-Fluorenylmethoxycarbonyl-L-Valine (M.W. 339.39) C ₂₀ H ₂₁ NO ₄ [68858-20-8]	FLV-1739-PI 4 °C	5 g 25 g 100 g	10 30 95
Fmoc Amino Acids attached to CLEAR, Wang, Rink-Amide MBHA, and Cl-Trt Resins are listed on pages 47, 56, 58, and 53 respectively.			
Fmoc-Protected D-Amino Acids			
Fmoc-D-Ala-OH • H₂O 9-Fluorenylmethoxycarbonyl-D-Alanine • H ₂ O (M.W. 311.34 • 18.02) C ₁₈ H ₁₇ NO ₄ • H ₂ O [79990-15-1]	FDA-1802-PI 4 °C	1 g 5 g	10 40
Fmoc-D-Arg(Pbf)-OH <i>N</i> ^ε -9-Fluorenylmethoxycarbonyl- <i>N</i> ⁹ -2,2,4,6,7,- Pentamethyldihydrobenzofuran-5-Sulfonyl-D-Arginine (M.W. 648.78) C ₃₄ H ₄₀ N ₄ O ₇ S [187-618-60-6]	FDR-1801-PI 4 °C	1 g 5 g	45 180
Fmoc-D-Asn-OH <i>N</i> ^ε -9-Fluorenylmethoxycarbonyl-D-Asparagine (M.W. 354.36) C ₁₉ H ₁₈ N ₂ O ₅ [108321-39-7]	FDN-1804-PI 4 °C	1 g 5 g	19 79
Fmoc-D-Asn(Trt)-OH <i>N</i> ^ε -9-Fluorenylmethoxycarbonyl- <i>N</i> ⁹ -Trityl-D-Asparagine (M.W. 596.69) C ₃₈ H ₃₂ N ₂ O ₅	FDN-1805-PI 4 °C	1 g 5 g	45 175
Fmoc-D-Asp(OtBu)-OH 9-Fluorenylmethoxycarbonyl-D-Aspartic Acid β- <i>t</i> -Butyl Ester (M.W. 411.46) C ₂₃ H ₂₅ NO ₆ [112883-39-3]	FDD-1806-PI 4 °C	1 g 5 g	40 160
Fmoc-D-Cys(Trt)-OH 9-Fluorenylmethoxycarbonyl- <i>S</i> -Trityl-D-Cysteine (M.W. 585.73) C ₃₇ H ₃₁ NO ₄ S [167015-11-4]	FDC-1807-PI 4 °C	1 g 5 g	30 110
Fmoc-D-Gln-OH <i>N</i> ^ε -9-Fluorenylmethoxycarbonyl-D-Glutamine (M.W. 368.38) C ₂₀ H ₂₀ N ₂ O ₅ [112898-00-7]	FDQ-1808-PI 4 °C	1 g 5 g	35 155
Fmoc-D-Gln(Trt)-OH <i>N</i> ^ε -9-Fluorenylmethoxycarbonyl- <i>N</i> ⁹ -Trityl-D-Glutamine (M.W. 610.72) C ₃₉ H ₃₄ N ₂ O ₅ [200623-62-7]	FDQ-1809-PI 4 °C	1 g 5 g	50 190
Fmoc-D-Glu(OtBu)-OH 9-Fluorenylmethoxycarbonyl-D-Glutamic Acid γ- <i>t</i> -Butyl Ester (M.W. 425.49) C ₂₄ H ₂₇ NO ₆ [104091-08-9]	FDE-1810-PI 4 °C	1 g 5 g	40 145
Fmoc-D-His(Trt)-OH <i>N</i> ^ε -9-Fluorenylmethoxycarbonyl- <i>N</i> ⁹ -Trityl-D-Histidine (M.W. 619.73) C ₄₀ H ₃₃ N ₃ O ₄ [135610-90-1]	FDH-1812-PI 4 °C	1 g 5 g	30 120
Fmoc-D-Ile-OH 9-Fluorenylmethoxycarbonyl-D-Isoleucine (M.W. 353.42) C ₂₁ H ₂₃ NO ₄ [143688-83-9]	FDI-1856-PI 4 °C	1 g 5 g	230 925
Fmoc-D-Leu-OH 9-Fluorenylmethoxycarbonyl-D-Leucine (M.W. 353.42) C ₂₁ H ₂₃ NO ₄ [14360-54-2]	FDL-1814-PI 4 °C	1 g 5 g 25 g	15 55 245
Fmoc-D-Lys(Boc)-OH <i>N</i> ^ε -9-Fluorenylmethoxycarbonyl- <i>N</i> ^ε - <i>t</i> -Butyloxycarbonyl-D-Lysine (M.W. 468.55) C ₂₈ H ₃₂ N ₂ O ₆ [92122-45-7]	FDK-1815-PI 4 °C	1 g 5 g	35 135
Fmoc-D-Lys(Mtt)-OH <i>N</i> ^ε -9-Fluorenylmethoxycarbonyl- <i>N</i> ^ε -4-Methyltrityl-D-Lysine (M.W. 624.79) C ₄₁ H ₄₀ N ₂ O ₄	FDK-1898-PI 4 °C	1 g 5 g	95 380

PRODUCT	CODE	QTY	USD
Fmoc-D-Met-OH 9-Fluorenylmethoxycarbonyl-D-Methionine (M.W. 371.45) C ₂₀ H ₂₁ NO ₄ S [112883-40-6]	FDM-1816-PI 4 °C	1 g 5 g	15 50
Fmoc-D-Orn(Boc)-OH N ^ε -9-Fluorenylmethoxycarbonyl-N ⁶ -t-Butyloxycarbonyl-D-Ornithine (M.W. 454.52) C ₂₅ H ₃₀ N ₂ O ₆ [118476-89-4]	FDX-1818-PI 4 °C	1 g 5 g	55 220
Fmoc-D-Orn(Mtt)-OH N ^ε -9-Fluorenylmethoxycarbonyl-N ⁶ -4-Methyl-Trityl-D-Ornithine (M.W. 610.79) C ₄₀ H ₃₆ N ₂ O ₄	FDO-1897-PI 4 °C	1 g 5 g	69 275
Fmoc-D-Phe-OH 9-Fluorenylmethoxycarbonyl-D-Phenylalanine (M.W. 387.44) C ₂₄ H ₂₁ NO ₄ [86123-10-6]	FDF-1830-PI 4 °C	1 g 5 g	15 45
Fmoc-D-Phg-OH 9-Fluorenylmethoxycarbonyl-D-Phenylglycine (M.W. 373.41) C ₂₃ H ₁₉ NO ₄ [111524-95-9]	FDX-1862-PI 4 °C	1 g 5 g	25 95
Fmoc-D-Pro-OH 9-Fluorenylmethoxycarbonyl-D-Proline (M.W. 337.38) C ₂₀ H ₁₉ NO ₄ [101555-62-8]	FDP-1826-PI 4 °C	1 g 5 g	19 76
Fmoc-D-Ser(tBu)-OH 9-Fluorenylmethoxycarbonyl-O-t-Butyl-D-Serine (M.W. 383.45) C ₂₂ H ₂₅ NO ₅ [128107-47-1]	FDS-1831-PI 4 °C	1 g 5 g	35 135
Fmoc-D-Ser(Trt)-OH 9-Fluorenylmethoxycarbonyl-O-Trityl-D-Serine (M.W. 569.66) C ₃₇ H ₃₁ NO ₅	FDS-1869-PI 4 °C	1 g 5 g	35 145
Fmoc-D-Thr(tBu)-OH 9-Fluorenylmethoxycarbonyl-O-t-Butyl-D-Threonine (M.W. 397.48) C ₂₃ H ₂₇ NO ₅ [138797-71-4]	FDT-1828-PI 4 °C	1 g 5 g	40 145
Fmoc-D-Trp-OH N ^ε -9-Fluorenylmethoxycarbonyl-D-Tryptophan (M.W. 426.47) C ₂₆ H ₂₂ N ₂ O ₄ [86123-11-7]	FDW-1832-PI 4 °C	1 g 5 g	18 76
Fmoc-D-Trp(Boc)-OH N ^ε -Fluorenylmethoxycarbonyl-N ⁶ -t-Butyloxycarbonyl-D-Tryptophan (M.W. 526.59) C ₃₁ H ₃₀ N ₂ O ₆ [163619-04-3]	FDW-1829-PI 4 °C	1 g 5 g	59 230
Fmoc-D-Tyr(tBu)-OH 9-Fluorenylmethoxycarbonyl-O-t-Butyl-D-Tyrosine (M.W. 459.55) C ₂₈ H ₂₉ NO ₅ [118488-18-9]	FDY-1833-PI 4 °C	1 g 5 g	49 185
Fmoc-D-Val-OH 9-Fluorenylmethoxycarbonyl-D-Valine (M.W. 339.39) C ₂₀ H ₂₁ NO ₄ [84624-17-9]	FDV-1834-PI 4 °C	1 g 5 g	15 50
Unusual Fmoc-Amino Acids			
Fmoc-Abu-OH 9-Fluorenylmethoxycarbonyl-L-α-Aminobutyric Acid (M.W. 325.13 • 18.01) C ₁₉ H ₁₉ NO ₄ • H ₂ O [135112-27-5]	FLX-1753-PI 4 °C	1 g 5 g 25 g	35 125 495
Fmoc-D-Abu-OH 9-Fluorenylmethoxycarbonyl-D-α-Aminobutyric Acid (M.W. 325.13 • 18.01) C ₁₉ H ₁₉ NO ₄ • H ₂ O [170642-27-0]	FDX-1860-PI 4 °C	1 g 5 g 25 g	35 125 495
Fmoc-γ-Abu-OH 9-Fluorenylmethoxycarbonyl-γ-Aminobutyric Acid (M.W. 325.37) C ₁₉ H ₁₉ NO ₄ [116821-47-7]	FAB-1773-PI 4 °C	5 g 25 g	130 520
Fmoc-ε-Aca-OH 9-Fluorenylmethoxycarbonyl-ε-Aminocaproic Acid 9-Fluorenylmethoxycarbonyl-6-Aminohexanoic Acid (M.W. 353.42) C ₂₁ H ₂₃ NO ₄ [88574-06-5]	FLX-1775-PI 4 °C	1 g 5 g 25 g	25 75 295
Fmoc-Aib-OH 9-Fluorenylmethoxycarbonyl-α-Aminoisobutyric Acid (M.W. 325.37) C ₁₉ H ₁₉ NO ₄ [94744-50-0]	FLX-1749-PI 4 °C	1 g 5 g 25 g	30 110 440

PRODUCT	CODE	QTY	USD
Fmoc-5-Ava-OH 9-Fluorenylmethoxycarbonyl-5-Aminovaleric Acid (M.W. 339.39) C ₂₀ H ₂₁ NO ₄ [123622-48-0]	FLX-5518-PI 4 °C	1 g 5 g	75 295
Fmoc-11-Aminoundecanoic Acid 9-Fluorenylmethoxycarbonyl-11-Aminoundecanoic Acid (M.W. 423.56) C ₂₆ H ₃₃ NO ₄ [88574-07-6]	FAA-1707-PI 4 °C	1 g 5 g	23 92
Fmoc-Asp-OAll (Alpha Ester) 9-Fluorenylmethoxycarbonyl-L-Aspartic Acid- α -Allyl Ester (M.W. 395.42) C ₂₂ H ₂₁ NO ₆ [146982-24-3]	FLD-5536-PI 4 °C	1 g 5 g	49 195
Fmoc-Cha-OH 9-Fluorenylmethoxycarbonyl- β -Cyclohexyl-L-Alanine (M.W. 393.49) C ₂₄ H ₂₇ NO ₄ [135673-97-1]	FLX-5545-PI 4 °C	1 g 5 g	45 180
Fmoc-D-Cha-OH 9-Fluorenylmethoxycarbonyl- β -Cyclohexyl-D-Alanine (M.W. 393.50) C ₂₄ H ₂₇ NO ₄ [144701-25-7]	FDX-1879-PI 4 °C	1 g 5 g	56 210
Fmoc-Dab(Boc)-OH <i>N</i> ^z -9-Fluorenylmethoxycarbonyl- <i>N</i> ^z - <i>t</i> -Butyloxycarbonyl-L-2,4-Diaminobutyric Acid (M.W. 440.50) C ₂₄ H ₂₈ N ₂ O ₆ [125238-99-5]	FLX-5522-PI 4 °C	1 g 5 g	110 440
Fmoc-D-Dab(Boc)-OH <i>N</i> ^z -9-Fluorenylmethoxycarbonyl- <i>N</i> ^z - <i>t</i> -Butyloxycarbonyl-D-2,4-Diaminobutyric Acid (M.W. 440.50) C ₂₄ H ₂₈ N ₂ O ₆ [114360-56-4]	FDX-5541-PI 4 °C	1 g 5 g	210 840
Fmoc-Dap(Boc)-OH <i>N</i> ^z -9-Fluorenylmethoxycarbonyl- <i>N</i> ^z - <i>t</i> -Butyloxycarbonyl-L-2,3-Diaminopropionic Acid (M.W. 426.47) C ₂₃ H ₂₆ N ₂ O ₆ [162558-25-0]	FLX-5526-PI 4 °C	1 g 5 g	110 440
Fmoc-D-Dap(Boc)-OH <i>N</i> ^z -9-Fluorenylmethoxycarbonyl- <i>N</i> ^z - <i>t</i> -Butyloxycarbonyl-D-2,3-Diaminopropionic Acid (M.W. 426.47) C ₂₃ H ₂₆ N ₂ O ₆ [198544-42-2]	FDX-5525-PI 4 °C	1 g 5 g	210 840
Fmoc-Deg-OH 9-Fluorenylmethoxycarbonyl-Diethylglycine (M.W. 353.42) C ₂₁ H ₂₃ NO ₄	FLX-1799-PI 4 °C	1 g 5 g	75 295
Fmoc-3,3-Dip-OH 9-Fluorenylmethoxycarbonyl-L-3,3-Diphenylalanine (M.W. 463.54) C ₃₀ H ₂₅ NO ₄	FLX-5529-PI 4 °C	1 g 5 g	175 745
Fmoc-D-3,3-Dip-OH 9-Fluorenylmethoxycarbonyl-D-3,3-Diphenylalanine (M.W. 463.54) C ₃₀ H ₂₅ NO ₄	FDX-5531-PI 4 °C	1 g 5 g	175 745
Fmoc-Glu-OAll (Alpha Ester) 9-Fluorenylmethoxycarbonyl-L-Glutamic Acid- α -Allyl Ester (M.W. 409.44) C ₂₃ H ₂₃ NO ₆	FLE-5538-PI 4 °C	1 g 5 g	49 195
Fmoc-Hyp(tBu)-OH 9-Fluorenylmethoxycarbonyl- <i>O</i> - <i>t</i> -Butyl-L-Hydroxyproline (M.W. 409.49) C ₂₄ H ₂₇ NO ₅ [122996-47-8]	FLX-1771-PI 4 °C	1 g 5 g	55 210
Fmoc-allo-Ile-OH 9-Fluorenylmethoxycarbonyl-L-allo-Isoleucine (M.W. 353.42)	FLI-1757-PI 4 °C	1g 5g	295 995
Fmoc-Lys(Mtt)-OH <i>N</i> ^z -9-Fluorenylmethoxycarbonyl- <i>N</i> ^z -4-Methyltrityl-L-Lysine (M.W. 624.79) C ₄₁ H ₄₀ N ₂ O ₄ [167393-62-6]	FLK-1798-PI 4 °C	1 g 5 g 25 g	49 195 780
Fmoc-mini-PEG™ Fmoc-8-Amino-3,6-Dioxaoctanoic Acid 9-Fluorenylmethoxycarbonyl-8-Amino-3,6-Dioxaoctanoic Acid (M.W. 385.42) C ₂₁ H ₂₃ NO ₆ <i>Fmoc-AEEA</i>	FXX-5521-PI 4 °C	1 g 5 g	99 395

PRODUCT	CODE	QTY	USD
Fmoc-mini-PEG-3™	FXX-5524-PI	1 g	175
Fmoc-11-Amino-3,6,9-Trioxaundecanoic Acid (Syrup) 9-Fluorenylmethoxycarbonyl-8-Amino-3,6,9-Trioxaundecanoic Acid (M.W. 429.47) C ₂₃ H ₂₇ NO ₇ Fmoc-AEEEE	4 °C 5 g	5 g	695
Fmoc-Nal(2')-OH 9-Fluorenylmethoxycarbonyl-L-(2-Naphthyl)alanine (M.W. 437.50) C ₂₈ H ₂₃ NO ₄ [112883-43-9]	FLX-1758-PI 4 °C	1 g 5 g	80 320
Fmoc-D-Nal(2')-OH 9-Fluorenylmethoxycarbonyl-D-(2-Naphthyl)alanine (M.W. 437.50) C ₂₈ H ₂₃ NO ₄ [138774-94-4]	FDX-1859-PI 4 °C	1 g 5 g	80 320
Fmoc-Nal(1')-OH 9-Fluorenylmethoxycarbonyl-L-(1-Naphthyl)alanine (M.W. 437.50) C ₂₈ H ₂₃ NO ₄ [96402-49-2]	FLX-1778-PI 4 °C	1 g 5 g	135 495
Fmoc-D-Nal(1')-OH 9-Fluorenylmethoxycarbonyl-D-(1-Naphthyl)alanine (M.W. 437.50) C ₂₈ H ₂₃ NO ₄	FDX-1780-PI 4 °C	1 g 5 g	135 495
Fmoc-Orn(Fmoc)-OH N ^ε ,N ^δ -di-9-Fluorenylmethoxycarbonyl-L-Ornithine (M.W. 576.65) C ₃₅ H ₃₂ N ₂ O ₆	FLO-1788-PI 4 °C	1 g 5 g 25 g	27 99 395
Fmoc-Orn(Boc)-OH N ^ε -9-Fluorenylmethoxycarbonyl-N ^δ -t-Butyloxycarbonyl-L-Ornithine (M.W. 454.52) C ₂₅ H ₃₀ N ₂ O ₆ [109425-55-0]	FLO-1729-PI 4 °C	1 g 5 g 25 g	19 76 295
Fmoc-D-Orn(Boc)-OH N ^ε -9-Fluorenylmethoxycarbonyl-N ^δ -t-Butyloxycarbonyl-D-Ornithine (M.W. 454.52) C ₂₅ H ₃₀ N ₂ O ₆ [118476-89-4]	FDX-1818-PI 4 °C	1 g 5 g	55 220
Fmoc-3-Pal-OH 9-Fluorenylmethoxycarbonyl-L-(3-Pyridyl)alanine (M.W. 388.42) C ₂₃ H ₂₀ N ₂ O ₄ [175453-07-3]	FLX-1766-PI 4 °C	1 g	195
Fmoc-D-3-Pal-OH 9-Fluorenylmethoxycarbonyl-D-(3-Pyridyl)alanine (M.W. 388.42) C ₂₃ H ₂₀ N ₂ O ₄ [142994-45-4]	FDX-1772-PI 4 °C	1 g	195
Fmoc-4-Pal-OH 9-Fluorenylmethoxycarbonyl-L-(4-Pyridyl)alanine (M.W. 388.43) C ₂₃ H ₂₀ N ₂ O ₄ [169555-95-7]	FLX-5534-PI 4 °C	1 g 5 g	195 875
Fmoc-D-4-Pal-OH 9-Fluorenylmethoxycarbonyl-D-(4-Pyridyl)alanine (M.W. 388.43) C ₂₃ H ₂₀ N ₂ O ₄ [20528-30-9]	FDX-5535-PI 4 °C	1 g 5 g	195 875
Fmoc-Pen(Meb)-OH 9-Fluorenylmethoxycarbonyl-S-p-Methylbenzyl-L-Penicillamine (M.W. 475.64) C ₂₈ H ₂₉ NO ₄ S	FLX-1760-PI 4 °C	1 g 5 g	195 795
Fmoc-D-Pen(Acm)-OH 9-Fluorenylmethoxycarbonyl-S-Acetamidomethyl-D-Penicillamine (M.W. 442.54) C ₂₃ H ₂₆ N ₂ O ₅ S [201531-77-3]	FDX-1827-PI 4 °C	1 g 5 g	120 480
Fmoc-D-Pen(Meb)-OH 9-Fluorenylmethoxycarbonyl-S-p-Methylbenzyl-D-Penicillamine (M.W. 475.64) C ₂₈ H ₂₉ NO ₄ S	FDX-1861-PI 4 °C	1 g 5 g	100 400
Fmoc-Pen(Acm)-OH 9-Fluorenylmethoxycarbonyl-S-Acetamidomethyl-L-Penicillamine (M.W. 442.54) C ₂₃ H ₂₆ N ₂ O ₅ S [201531-76-2]	FLX-1711-PI 4 °C	1 g 5 g	120 480
Fmoc-p-F-Phe-OH 9-Fluorenylmethoxycarbonyl-p-Fluoro-L-Phenylalanine (M.W. 405.40) C ₂₄ H ₂₀ NO ₄ F [169243-86-1]	FLF-1770-PI 4 °C	1 g 5 g	95 380
Fmoc-D-p-F-Phe-OH 9-Fluorenylmethoxycarbonyl-p-Fluoro-D-Phenylalanine (M.W. 405.40) C ₂₄ H ₂₀ NO ₄ F [177966-64-2]	FDF-1774-PI 4 °C	1 g 5 g	95 380

PRODUCT	CODE	QTY	USD
Fmoc-<i>p</i>-Cl-Phe-OH 9-Fluorenylmethoxycarbonyl-L- <i>p</i> -Chloro-L-Phenylalanine (M.W. 421.88) C ₂₄ H ₂₀ NO ₄ Cl [175453-08-4]	FLF-1762-PI 4 °C	1 g 5 g	95 380
Fmoc-<i>D-p</i>-Cl-Phe-OH 9-Fluorenylmethoxycarbonyl- <i>D-p</i> -Chloro-D-Phenylalanine (M.W. 421.88) C ₂₄ H ₂₀ NO ₄ Cl [142994-19-2]	FDF-1863-PI 4 °C	1 g 5 g	95 380
Fmoc-Phe(NO₂)-OH 9-Fluorenylmethoxycarbonyl- <i>p</i> -Nitro-L-Phenylalanine (M.W. 432.40) C ₂₄ H ₂₀ N ₂ O ₆ [95753-55-2]	FLF-1781-PI 4 °C	1 g 5 g	30 110
Fmoc-<i>D</i>-Phe(NO₂)-OH 9-Fluorenylmethoxycarbonyl- <i>D-p</i> -Nitro-D-Phenylalanine (M.W. 432.40) C ₂₄ H ₂₀ N ₂ O ₆ [177966-63-1]	FDF-1783-PI 4 °C	1 g 5 g	55 220
Fmoc-Phg-OH 9-Fluorenylmethoxycarbonyl-L-Phenylglycine (M.W. 373.40) C ₂₃ H ₁₉ NO ₄ [102410-65-1]	FFG-1789-PI 4 °C	1 g 5 g	30 110
Fmoc-Sar-OH Fmoc-<i>N</i>-Me-Gly-OH 9-Fluorenylmethoxycarbonyl-Sarcosine 9-Fluorenylmethoxycarbonyl- <i>N</i> -Methyl-Glycine (M.W. 311.34) C ₁₈ H ₁₇ NO ₄ [77128-70-2]	FLX-1751-PI 4 °C	5 g 25 g	52 195
Fmoc-Tic-OH 9-Fluorenylmethoxycarbonyl-L-1,2,3,4-Tetrahydroisoquinoline-3-Carboxylic Acid (M.W. 399.40) C ₂₅ H ₂₁ NO ₄ [136030-33-6]	FLX-1767-PI 4 °C	1 g 5 g	95 395
Fmoc-<i>D</i>-Tic-OH 9-Fluorenylmethoxycarbonyl-D-1,2,3,4-Tetrahydroisoquinoline-3-Carboxylic Acid (M.W. 399.40) C ₂₅ H ₂₁ NO ₄ [130309-33-0]	FDX-1846-PI 4 °C	1 g 5 g	125 495
Fmoc-<i>N</i>-Methyl Amino Acids			
Fmoc-<i>N</i>-Me-Ala-OH 9-Fluorenylmethoxycarbonyl- <i>N</i> -Methyl-L-Alanine (M.W. 325.37) C ₁₉ H ₁₉ NO ₄ [84000-07-7]	FMA-1791-PI 4 °C	1 g 5 g	55 245
Fmoc-<i>N</i>-Me-<i>D</i>-Ala-OH 9-Fluorenylmethoxycarbonyl- <i>N</i> -Methyl-D-Alanine (M.W. 325.37) C ₁₉ H ₁₉ NO ₄ [138774-92-2]	FMA-1790-PI 4 °C	1 g 5 g	95 380
Fmoc-<i>N</i>-Me-Asp(OBzl)-OH 9-Fluorenylmethoxycarbonyl- <i>N</i> -Methyl-L-Aspartic Acid β-Benzyl Ester (M.W. 459.50) C ₂₇ H ₂₅ NO ₆	FMD-1792-PI 4 °C	1 g 5 g	145 580
Fmoc-<i>N</i>-Me-<i>D</i>-Asp(OBzl)-OH 9-Fluorenylmethoxycarbonyl- <i>N</i> -Methyl-D-Aspartic Acid β-Benzyl Ester (M.W. 459.50) C ₂₇ H ₂₅ NO ₆	FMD-1890-PI 4 °C	1 g 5 g	220 880
Fmoc-<i>N</i>-Me-Glu(OBzl)-OH 9-Fluorenylmethoxycarbonyl- <i>N</i> -Methyl-L-Glutamic Acid γ-Benzyl Ester (M.W. 473.53) C ₂₈ H ₂₇ NO ₇	FME-1782-PI 4 °C	1 g 5 g	145 580
Fmoc-<i>N</i>-Me-Gly-OH Fmoc-Sar-OH 9-Fluorenylmethoxycarbonyl- <i>N</i> -Methyl-Glycine 9-Fluorenylmethoxycarbonyl-Sarcosine (M.W. 311.34) C ₁₈ H ₁₇ NO ₄ [77128-70-2]	FLX-1751-PI 4 °C	5 g 25 g	52 195
Fmoc-<i>N</i>-Me-Ile-OH 9-Fluorenylmethoxycarbonyl- <i>N</i> -Methyl-L-Isoleucine (M.W. 367.45) C ₂₂ H ₂₅ NO ₄ [138775-22-1]	FMI-1793-PI 4 °C	1 g 5 g	55 245
Fmoc-<i>N</i>-Me-Leu-OH 9-Fluorenylmethoxycarbonyl- <i>N</i> -Methyl-L-Leucine (M.W. 367.40) C ₂₂ H ₂₅ NO ₄ [103478-62-2]	FML-1794-PI 4 °C	1 g 5 g	55 245
Fmoc-<i>N</i>-Me-<i>D</i>-Leu-OH 9-Fluorenylmethoxycarbonyl- <i>N</i> -Methyl-D-Leucine (M.W. 367.40) C ₂₂ H ₂₅ NO ₄ [103478-63-3]	FML-1784-PI 4 °C	1 g 5 g	95 380

PRODUCT	CODE	QTY	USD
Fmoc-N-Me-Phe-OH 9-Fluorenylmethoxycarbonyl-N-Methyl-L-Phenylalanine (M.W. 401.47) C ₂₅ H ₂₃ NO ₄ [77128-73-5]	FMF-1795-PI 4 °C	1 g 5 g	55 245
Fmoc-N-Me-D-Phe-OH 9-Fluorenylmethoxycarbonyl-N-Methyl-D-Phenylalanine (M.W. 401.47) C ₂₅ H ₂₃ NO ₄ [138775-05-0]	FMF-1896-PI 4 °C	1 g 5 g	145 495
Fmoc-N-Me-Val-OH 9-Fluorenylmethoxycarbonyl-N-Methyl-L-Valine (M.W. 353.40) C ₂₁ H ₂₃ NO ₄ [84000-11-3]	FMV-1796-PI 4 °C	1 g 5 g	55 245
Fmoc-N-Me-D-Val-OH 9-Fluorenylmethoxycarbonyl-N-Methyl-D-Valine (M.W. 353.40) C ₂₁ H ₂₃ NO ₄ [103478-58-6]	FMV-1787-PI 4 °C	1 g 5 g	95 380
Z-Protected L-Amino Acids			
Z-Ala-OH Benzyloxycarbonyl-L-Alanine (M.W. 223.20) C ₁₁ H ₁₃ NO ₄ [1142-20-7]	ZLA-2007-PI 4 °C	5 g 25 g 100 g	21 45 143
Z-Arg-OH Benzyloxycarbonyl-L-Arginine (M.W. 308.30) C ₁₄ H ₂₀ N ₄ O ₄ [1234-35-1]	ZLR-2008-PI 4 °C	5 g 25 g 100 g	21 45 143
Z-Arg(NO₂)-OH N ^α -Benzyloxycarbonyl-N ^ω -Nitro-L-Arginine (M.W. 353.30) C ₁₄ H ₁₉ N ₅ O ₆ [2304-98-5]	ZLR-2009-PI 4 °C	5 g 25 g 100 g	34 112 359
Z-Asn-OH Benzyloxycarbonyl-L-Asparagine (M.W. 266.30) C ₁₂ H ₁₄ N ₂ O ₅ [2304-96-3]	ZLN-2010-PI 4 °C	5 g 25 g 100 g	21 45 143
Z-Asp-OH Benzyloxycarbonyl-L-Aspartic Acid (M.W. 267.20) C ₁₂ H ₁₃ NO ₆ [1152-61-0]	ZLD-2011-PI 4 °C	5 g 25 g 100 g	20 42 127
Z-Cys(Bzl)-OH Benzyloxycarbonyl-S-Benzyl-L-Cysteine (M.W. 345.40) C ₁₈ H ₁₉ NO ₄ S [3257-18-9]	ZLC-2014-PI 4 °C	5 g 25 g 100 g	21 50 158
Z-Gln-OH Benzyloxycarbonyl-L-Glutamine (M.W. 280.30) C ₁₃ H ₁₆ N ₂ O ₅ [2650-64-8]	ZLQ-2017-PI 4 °C	5 g 25 g 100 g	21 45 143
Z-Glu-OH Benzyloxycarbonyl-L-Glutamic Acid (M.W. 281.26) C ₁₃ H ₁₅ NO ₆ [1155-62-0]	ZLE-2015-PI 4 °C	5 g 25 g 100 g	21 45 143
Z-Gly-OH Benzyloxycarbonyl-Glycine (M.W. 209.20) C ₁₀ H ₁₁ NO ₄ [1138-80-3]	ZLG-2018-PI 4 °C	5 g 25 g 100 g	20 43 135
Z-Ile-OH Benzyloxycarbonyl-L-Isoleucine (<i>Syrup</i>) (M.W. 265.40) C ₁₄ H ₁₉ NO ₄ [3160-59-6]	ZLI-2028-PI 4 °C	5 g 25 g 100 g	21 45 143
Z-Leu-OH Benzyloxycarbonyl-L-Leucine (<i>Syrup</i>) (M.W. 265.30) C ₁₄ H ₁₉ NO ₄ [2018-66-8]	ZLL-2029-PI 4 °C	5 g 25 g 100 g	21 45 143
Z-Lys(Z)-OH N ^α , N ^ε -di-Benzyloxycarbonyl-L-Lysine (M.W. 414.50) C ₂₂ H ₂₆ N ₂ O ₆ [405-39-0]	ZLK-2019-PI 4 °C	5 g 25 g 100 g	31 95 295
Z-Met-OH Benzyloxycarbonyl-L-Methionine (M.W. 283.40) C ₁₃ H ₁₇ NO ₄ S [1152-62-1]	ZLM-2020-PI 4 °C	5 g 25 g 100 g	31 95 295
Z-Phe-OH Benzyloxycarbonyl-L-Phenylalanine (M.W. 299.30) C ₁₇ H ₁₇ NO ₄ [1161-13-3]	ZLF-2021-PI 4 °C	5 g 25 g 100 g	21 45 143
Z-Pro-OH Benzyloxycarbonyl-L-Proline (M.W. 249.27) C ₁₃ H ₁₅ NO ₄ [1148-11-4]	ZLP-2022-PI 4 °C	5 g 25 g 100 g	21 45 143

PRODUCT	GRADE	CODE	QTY	USD
Z-Pyr-OH Benzyloxycarbonyl-L-Pyroglutamic Acid (<i>N</i> -Benzyloxycarbonyl-L-Pyrrolidone Carboxylic Acid) (M.W. 263.20) C ₁₃ H ₁₃ NO ₅ [32159-21-0]	A	ZLU-2117 4 °C	5 g 25 g 100 g	89 225 695
Z-Ser-OH Benzyloxycarbonyl-L-Serine (M.W. 239.20) C ₁₁ H ₁₃ NO ₅ [1145-80-8]		ZLS-2023-PI 4 °C	5 g 25 g 100 g	21 45 143
Z-Thr-OH Benzyloxycarbonyl-L-Threonine (M.W. 253.30) C ₁₂ H ₁₅ NO ₅ [19728-63-3]		ZLT-2024-PI 4 °C	5 g 25 g 100 g	21 45 143
Z-Trp-OH Benzyloxycarbonyl-L-Tryptophan (M.W. 338.40) C ₁₉ H ₁₈ N ₂ O ₄ [7432-21-5]		ZLW-2025-PI 4 °C	5 g 25 g 100 g	21 45 143
Z-Tyr-OH Benzyloxycarbonyl-L-Tyrosine (M.W. 315.30) C ₁₇ H ₁₇ NO ₅ [1164-16-5]		ZLY-2026-PI 4 °C	5 g 25 g 100 g	49 95 332
Z-Val-OH Benzyloxycarbonyl-L-Valine (M.W. 251.28) C ₁₃ H ₁₇ NO ₄ [1149-26-4]		ZLV-2027-PI 4 °C	5 g 25 g 100 g	21 45 143
Z-Protected D-Amino Acids				
Z-D-Pyr-OH Benzyloxycarbonyl-D-Pyroglutamic Acid (<i>N</i> -Benzyloxycarbonyl-D-Pyrrolidone Carboxylic Acid) (M.W. 263.20) C ₁₃ H ₁₃ NO ₅ [78339-57-8]	AA	ZDU-2613 4 °C	1 g 5 g 25 g	50 175 650