

# Derivatised Amino Acids

Amino acids and their derivatives are useful in a variety of peptide and peptidomimetic syntheses. Developing a synthetic strategy for an amino acid based target molecule involves evaluation of each step for possible side reactions. The strategy would require a good understanding of various protecting groups and how variations in structure affect chemical reactivity. Protected amino acids are useful reagent which can be used as building blocks, conformational constraints, molecular scaffolds or pharmacologically active products.

At Biosynth Carbosynth we offer a diverse selection of amino acids with protecting groups such as Fmoc, Boc and Cbz which are commonly used for solid-phase peptide synthesis with protecting groups on the amine and those side chains needing protection. This presents seemingly unlimited structural diversity and functional versatility, they can also be used as chiral building blocks and molecular scaffolds in constructing combinatorial libraries.

Code	CAS	Product	Quantity	Price (\$)
BOC protected amino acids				
FB08696	15761-38-3	Boc-L-Ala	100 g	50.00
FB28883	7764-95-6	Boc-D-Ala	250 g	100.00
FB02702	13734-41-3	Boc-L-Val	100 g	40.00
FB47405	57292-44-1	Boc-4-chloro-D-Phe	2 g	50.00
FB48525	59524-02-6	Boc-L-Ser benzyl ester	10 g	50.00
FB47073	113712-06-4	N- $\alpha$ -Boc-D-Arg hydrochloride hydrate	2 g	50.00
FL37616	13288-57-8	Lys(Boc)-OtBu hydrochloride	500 mg	65.00
FB47732	2389-60-8	Z-Lys(Boc)-OH	10 g	55.00
FB18945	4530-20-5	N-Boc-Gly	250 g	60.00
FMOC protected amino acids				
FF157403	102971-73-3	Fmoc-Cys(3-(t-butoxycarbonyl)-propyl)-OH	100 mg	70.00
FF15779	71989-14-5	Fmoc-Asp(OtBu)-OH	50 g	45.00
FF28968	71989-18-9	Fmoc-Glu(OtBu)-OH	50 g	60.00
FF39460	109745-15-5	Fmoc-D-Glu-OtBu	5 g	55.00
FF15876	71989-26-9	Fmoc-Lys(Boc)-OH	50 g	45.00
FF71856	1202003-49-3	Fmoc- $\alpha$ -Me-Lys(Boc)-OH	25 mg	67.50
FF48582	35665-38-4	Fmoc-Gly-Gly-OH	2 g	44.00
FF30513	113484-74-5	Fmoc-Gly N-hydroxysuccinimide ester	5 g	55.00
Other amino acids derivatives				
FA30148	39613-92-8	D-Ala isopropyl ester hydrochloride	5 g	65.00
FT15306	75062-54-3	N-Tosyl-L-Ala 3-indoxyl ester	100 mg	60.00
FC32137	1676-81-9	N-Cbz-L-Ser methyl ester	1 g	50.00
FA31456	16856-13-6	L-Asp $\beta$ -methyl ester hydrochloride	100 g	60.00