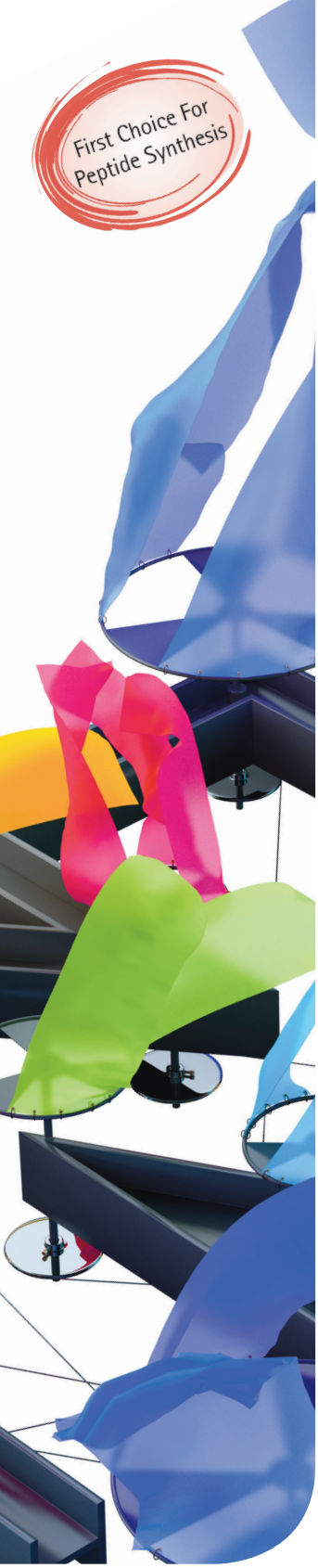


Derivatives for Phosphopeptide Synthesis

Novabiochem N-α-Fmoc-protected phosphoamino acids allow the direct incorporation of phosphorylated amino acids during Fmoc Solid Phase Peptide Synthesis (SPPS). Using these reagents, even peptides containing multiple phosphorylation sites can be prepared efficiently.

Standard coupling protocols can be used for synthesis and the deprotection of the phosphate group occurs during the course of standard Trifluoroacetic acid (TFA)-mediated deprotection reaction.

For assistance in choosing the right phosphoamino acids for your peptide synthesis or for any other technical support, please contact technical@novabiochem.com

For more information or to order Novabiochem products, contact your local office

Argentina	+54 11 4546 8100	Japan	+81 0120 189 390
Australia	+61 3 9728 7600	Korea	+82 2 2185 3840
Brazil - Merck	+55 11 3346 8500	Malaysia	+6 03 7494 3688
Caribbean	See Central America	New Zealand	+64 06 356 7328
Central America	+50 2 2410-2300	Mexico	+528 18158 0600
Chile	+56 2 3400 000	Pakistan	+92 21 455 9210
China	+86 21 3222 4788	Peru	+51 1 6187 500
Colombia	+57 1 425 4770	Philippines	+63 2 815 4067
Ecuador	+593 2 2981677	Singapore	+65 6890 6660
Guatemala	See Central America	Taiwan	+886 2 2742 2788
Hong Kong	+852 2757 7569	Thailand	+66 2 667 8333
India	+91 22 6660 9184	Venezuela	+58 21 2235 1379
Indonesia	+62 21 841 3889	Vietnam	+84 8 526 0100
Israel	+972 3 938 7164		

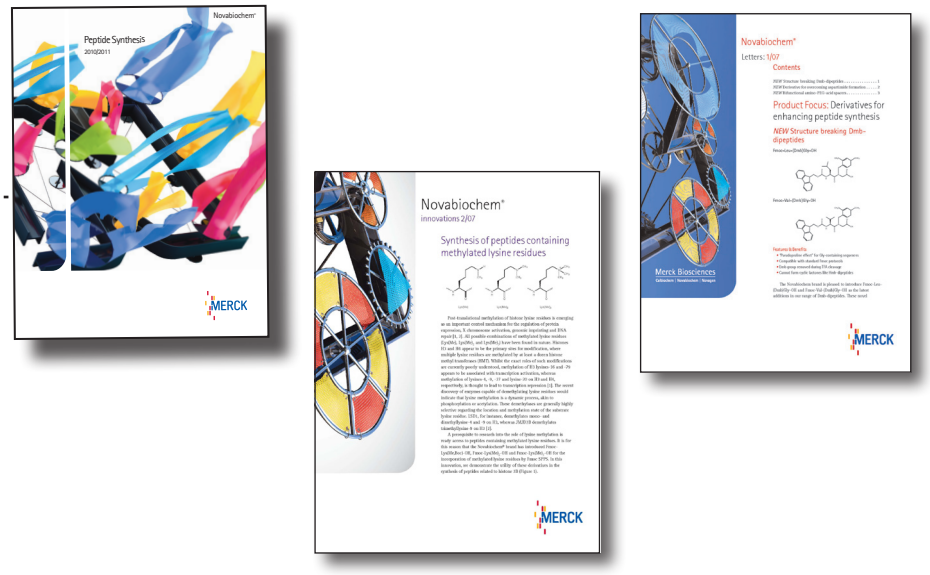
MERCK

Complete list of Novabiochem N-α-Fmoc-protected phosphoamino acids

Product Number	Product Name	Size
852069	Fmoc-Ser(PO(OBzl)OH)-OH	1 g
		5 g
852244	Fmoc-D-Ser(PO(OBzl)OH)-OH	1 g
		5 g
852070	Fmoc-Thr(PO(OBzl)OH)-OH	1 g
		5 g
852245	Fmoc-D-Thr(PO(OBzl)OH)-OH	1 g
		5 g
852071	Fmoc-Tyr(PO(OBzl)OH)-OH	1 g
		5 g
852246	Fmoc-D-Tyr(PO(OBzl)OH)-OH	1 g
		5 g
852058	Fmoc-Tyr(PO_3H_2)-OH	1 g
		5 g
852090	Fmoc-Tyr($PO(NMe_2)_2$)-OH	1 g
		5 g

The products listed are also available in bulk quantities.

Further information about phosphoamino acids can be found in the current Novabiochem 2010/2011 Catalog, pages 150 – 152...



...and also in
Novabiochem Innovations 2/07 and Letters 1/07

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