

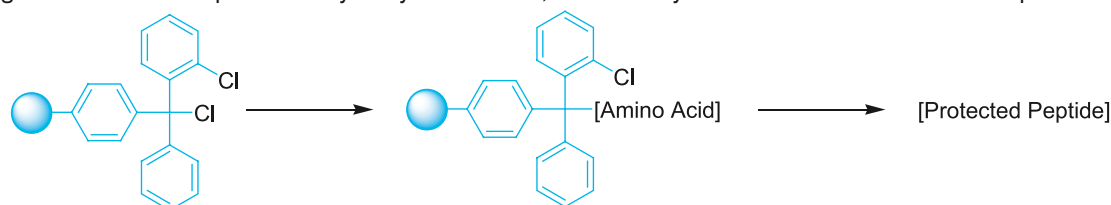
Description: 2-Chlorotritylchloride Resin

Application: Solid Phase Peptide Synthesis, Synthesis of Protected Peptide Fragments

See Also: PL-Wang, PL-Rink, PL-Sieber

PL Cl-Trt-Cl is a very popular support for peptide synthesis using the Fmoc approach. It benefits from ease of attachment of the first amino acid residue and was originally designed as a particularly acid-sensitive resin for the production of fully protected peptide fragments. In this mode, cleavage of peptides can be accomplished by very mild acidolysis, leaving any *tert*-butyl side chain protection intact. This enables the isolation and subsequent assembly of protected fragments to produce much larger peptides.

This resin can be used for the synthesis of a wide range of organic acids, and has also been used for the synthesis of amines, phenols and other alcohols. For example, attachment of Fmoc-hydroxylamine to the resin, followed by coupling of an organic acid to the deprotected hydroxylamine resin, will allow hydroxamic acids to be created upon cleavage.



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Ordering Information

PL Cl-Trt-Cl Resin (1% DVB)	Part No
1.4mmol/g 75-150 μ m	PL3473-1799, 5g
	PL3473-3799, 25g
	PL3473-4799, 100g
	PL3473-6799, 1kg
1.4mmol/g 150-300 μ m	PL3473-1699, 5g
	PL3473-3699, 25g
	PL3473-4699, 100g
	PL3473-6699, 1kg

Additional Information

Varian Polymer Laboratories manufactures in multi kg quantities. Please enquire for details.