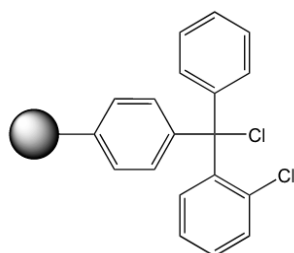


1. Description

Seplife® 2-Chlorotrityl Chloride Resin (2-CTC Resin) is a very acid-labile resin for preparing by solid phase peptide synthesis (SPPS) peptides and partially protected peptide fragments using the Fmoc strategy. This product is ideal for the preparation of peptides containing C-terminal Cys, His, Met, Tyr and Pro residues. The first amino acid is easily incorporated to the resin by chlorine displacement. Cleavage of the protected peptide from the 2-CTC resin can be achieved using low acid concentrations TFA and even with hexafluoroisopropanol. Fully deprotected peptides can be cleaved from the 2-CTC Resin with 95% TFA.



2. Properties

Product	Seplife® 2-Chlorotrityl Chloride Resin
Appearance	Yellow beads
Type	Gel type resin functionalized with active chlorine groups
Matrix	1% DVB/polystyrene
Substitution (mmol/g)	0.4-0.6 0.6-0.8 0.8-1.0 1.0-1.2 1.2-1.4 1.4-1.6
Particle size range (mesh/micron)	100-200 / 75-150
Shipped as	Dry

3.Storage

Seplife® 2-Chlorotriyl Chloride Resin that is not for immediate use should be stored in dry form in a closed container at 2-8 °C.

4. Transportation

Avoid sunlight, rain, and heavy pressure during transportation. It is strictly forbidden to transport together with toxic and hazardous materials. Product can be shipped at ambient temperature.

5.Ordering information

Product Name	References	Substitution (mmol/g)
Seplife® 2-Chlorotriyl Chloride Resin	LXSS03-1-1201	0.4-0.6
	LXSS03-1-1202	0.6-0.8
	LXSS03-1-1203	0.8-1.0
	LXSS03-1-1204	1.0-1.2
	LXSS03-1-1205	1.2-1.4
	LXSS03-1-1206	1.4-1.6

Production date: See label

Expiry date: 3 years, under proper storage conditions

Manufacturer: Sunresin New Materials Co. Ltd.

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