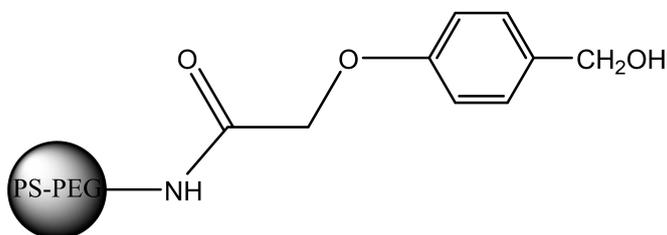


1. Description

Seplife® PS-PEG resins consist of a low crosslinked polystyrene matrix on which polyethylene glycol (PEG) is grafted via an ethyl ether group which increases stability towards acid treatment and minimizes PEG-leaching. The grafted copolymer shows modified physico-chemical properties which are highly dominated by the PEG moiety and has combined hydrophobic and hydrophilic properties.

Seplife® PS-PEG HMPA resin is derived from Seplife® PS-PEG AM resin by coupling with the TFA-labile 4-(hydroxymethyl)-phenoxyacetic (HMPA) acid linker. The first amino acid is attached by an appropriate esterification reaction. Cleavage from this support is achieved by 95% TFA and produces acid peptides.



2. Properties

Product	Seplife® PS-PEG HMPA Resin
Appearance	Light yellow or yellow beads
Type	HMPA linker
Matrix	Crosslinked polystyrene grafted with polyethylene glycol
Substitution (mmol/g)	<0.2 0.2-0.3 0.3-0.4 0.4-0.5 0.5-0.6
Particle size range (micron)	100-250
Shipped as	Dry

3.Storage

Seplife® PS-PEG HMPA 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	Product code	Substitution (mmol/g)
Seplife® PS-PEG HMPA Resin	LXHSS04-M-01	<0.2
	LXHSS04-M-02	0.2-0.3
	LXHSS04-M-03	0.3-0.4
	LXHSS04-M-04	0.4-0.5
	LXHSS04-M-05	0.5-0.6

Production date: See label

Retest period: 1 year, under proper storage conditions

Manufacturer: Sunresin New Materials Co. Ltd.

Add: No. 135, Jinye Rd, Xi'an Hi-tech Industrial Development Zone, Shaanxi, 710076, China

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