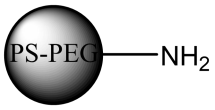
Seplife® PS-PEG AM Resin

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 AM resin has an amino group to which various linkers could be attached through a stable amide bond. Particularly, the incorporation of the Fmoc-Rink Amide linker renders the resin optimal for the preparation of amide peptides by a Fmoc based strategy.



2. Properties

Product	Seplife® PS-PEG AM Resin
Appearance	Light yellow or yellow beads
Type	Functionalized with amino groups
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 AM 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 AM Resin	LXHSS02-M-01	＜0.2
	LXHSS02-M-02	0.2-0.3
	LXHSS02-M-03	0.3-0.4
	LXHSS02-M-04	0.4-0.5
	LXHSS02-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

www.sunresinlifesciences.com

E-mail: info.lifescience@sunresin.com

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