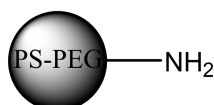


1. Description

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

All information set forth herein is for informational purposes only. This information is general descriptive(introductory) information of SUNRESIN and its related products, technologies and services. Neither shall constitute the guarantee of SUNRESIN and its affiliates to products, technologies and services in specific fields and specific application conditions results, unless otherwise expressly noted. SUNRESIN and its affiliates assumes no obligation or liability for the information in this document. Customer is responsible for judging whether the information is appropriate for Customer's concrete demand and are obliged to understand whether the use of these products, technologies and services is permitted by the laws and regulations of their countries and relevant regions. Unless expressly stated, no freedom from infringement of use any patent or trademark or intellectual property rights owned by SUNRESIN or its affiliated companies under this document is to be inferred.