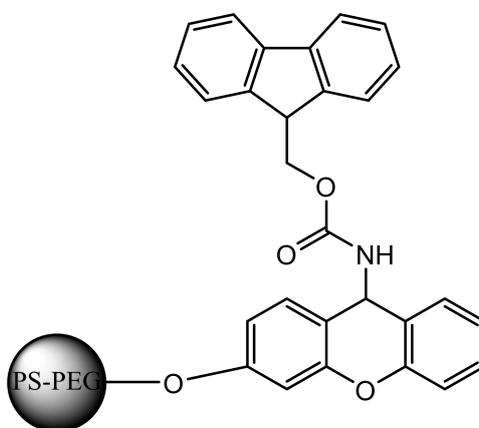


1. Description

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 Sieber resin contains the Sieber amide (Xanthyenyl) linker attached to the resin via an amido bond. It is ideal for the synthesis of partially protected peptide amides. Cleavage is accomplished by treatment with 1% TFA in DCM. As the Sieber linker provides less steric hindrance compared to the Rink handle, bulky building blocks can be attached to the resin easier and with higher yields.



2. Properties

Product	Seplife® PS-PEG Sieber Resin
Appearance	Light yellow or yellow beads
Type	Sieber 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 Sieber 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 Sieber Resin	LXHSS06-M-01	<0.2
	LXHSS06-M-02	0.2-0.3
	LXHSS06-M-03	0.3-0.4
	LXHSS06-M-04	0.4-0.5
	LXHSS06-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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