

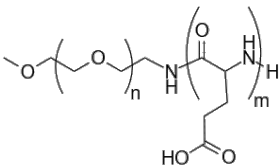
Product Information

L-glutamic acid PEG reagent, MPEG(1K)-pGlu(7.5K), Purity≥95%

Cat. No.: X24-12-LY0628

Size: 100 mg; 250 mg; 500 mg

Synonym: L-glutamic acid PEG reagent; MPEG(1K)-pGlu(7.5K);
pGlu(7.5K)-MPEG(1K)



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	MPEG(1K)-pGlu(7.5K) is a block copolymer consisting of a hydrophilic PEG segment and a pGlu segment. The PEG block enhances solubility in aqueous media, while the pGlu segment provides functionality for further chemical modifications or biological interactions.
Molecular Weight	mPEG(1 kDa), pGlu(7.5 kDa)
Functional Group 1	L-glutamic acid
Functional Group 2	None
Functional Group 3	None
Reactive Group 1	Amine
Form	Soild
Purity	≥95%
Identity	Confirmed by NMR.
Applications	MPEG(1K)-pGlu(7.5K) is applied in the development of novel molecule delivery platforms that combine hydrophilic MPEG with hydrophobic polyglutamic acid, enhancing solubility and stability of compounds.
Storage	Store at -20°C.