

Product Information

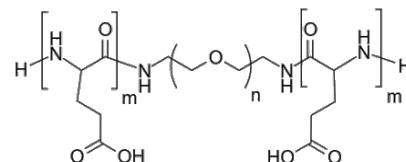
Azide/Carboxylic acid PEG reagent, pGlu(7.5K)-PEG(2K)-pGlu(7.5K), Purity≥95%

Cat. No.: X24-12-LY0640

Size: 100 mg; 250 mg; 500 mg

Synonym: Azide/Carboxylic acid PEG reagent; pGlu(7.5K)-PEG(2K)-pGlu(7.5K)

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



Product Information

Description	pGlu(7.5K)-PEG(2K)-pGlu(7.5K) is a linear amphiphilic block copolymer consisting of two segments of polyglutamic acid (pGlu) each with a molecular weight of 7.5 kDa, connected by a PEG linker with a molecular weight of 2 kDa.
Molecular Weight	pGlu(7.5 kDa), PEG(2 kDa), pGlu(7.5 kDa)
Functional Group 1	Azide
Functional Group 2	Carboxylic acid
Functional Group 3	None
Reactive Group 1	Alkyne
Reactive Group 2	Amine
Form	Soild
Purity	≥95%
Identity	Confirmed by NMR.
Applications	pGlu(7.5K)-PEG(2K)-pGlu(7.5K) can be used to develop multifunctional biomaterials that combine the advantages of both pGlu and PEG, including improved solubility, controlled degradation rates, and enhanced cell interaction capabilities.
Storage	Store at -20°C.