

Product Information

Acid/Carbonyl/Propargyl PEG reagent, *N*-(Propargyl-PEG4-carbonyl)-*N*-bis(PEG1-acid), Purity 95%

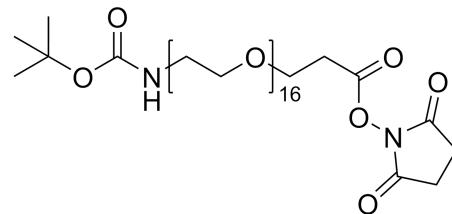
Cat. No.: X24-10-WXX149

Size: 100 mg; 250 mg; 500 mg; 1 g

Synonym: Acid/Carbonyl/Propargyl PEG reagent; *N*

-*(Propargyl-PEG4-carbonyl)-N-bis(PEG1-acid)*

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



Product Information

Description	<i>N</i> -(Propargyl-PEG4-carbonyl)- <i>N</i> -bis(PEG1-acid) is a reagent grade crosslinker, designed for copper-catalyzed click chemistry reactions with azide biomolecules or compounds. The terminal carboxylic acids react with primary amino groups in the presence of activators (EDC, HATU, etc) to form a stable amide bond.
Molecular Weight	491.5
Molecular Formula	C ₂₂ H ₃₇ NO ₁₁
Functional Group 1	Acid
Functional Group 2	Carbonyl
Functional Group 3	Propargyl
Reactive Group 1	Amine
Form	Liquid
Purity	95%
Solubility	Water, DMSO, DCM, DMF
Identity	Confirmed by NMR.
Applications	<i>N</i> -(Propargyl-PEG4-carbonyl)- <i>N</i> -bis(PEG1-acid) is used in molecular biology and bioconjugation research, facilitating efficient copper-catalyzed click chemistry reactions with azide biomolecules or compounds. Its design is ideal for studying biomolecular interactions and developing targeted drug delivery systems.
Storage	Store at -20°C.