

Product Information

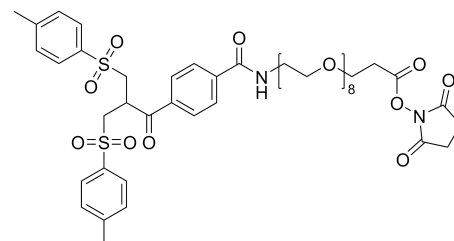
Amine/Propargyl PEG reagent, *N*-(Amine-PEG8)-*N*-bis(PEG8-propargyl), Purity 95%

Cat. No.: X24-10-WXX163

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

Synonym: Amine/Propargyl PEG reagent; *N*-(Amine-PEG8)-*N*-bis(PEG8-propargyl)

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



Product Information

Description	<i>N</i> -(Amine-PEG8)- <i>N</i> -bis(PEG8-propargyl) is a reagent grade trifunctional linker with two terminal alkynes and an amino group, designed for copper-catalyzed click chemistry reactions. The primary amine reacts with carboxylic acids and other carbonyl compounds (NHS esters, aldehydes, ketones, etc).
Molecular Weight	1193.5
Molecular Formula	C ₅₆ H ₁₀₈ N ₂ O ₂₄
Functional Group 1	Amine
Functional Group 2	Propargyl
Functional Group 3	None
Reactive Group 1	Acid
Reactive Group 2	Azide
Reactive Group 3	NHS
Form	Solid
Purity	95%
Identity	Confirmed by NMR.
Applications	<i>N</i> -(Amine-PEG8)- <i>N</i> -bis(PEG8-propargyl) is used in molecular biology and bioconjugation research, and facilitating efficient copper-catalyzed click chemistry reactions. Its design is ideal for studying biomolecular interactions and developing targeted drug delivery systems.
Storage	Store at -20°C.