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Product Information

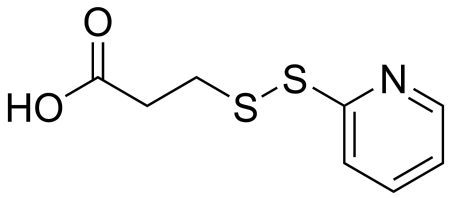
Methylamine/Propargyl PEG reagent, Propargyl-PEG12-methylamine, Purity 98%

Cat. No.: X24-10-WXX133

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

Synonym: Methylamine/Propargyl PEG reagent; Propargyl-PEG12-methylamine

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



Product Information

Description	Propargyl-PEG12-methylamine is a reagent grade propargyl linker that is commonly used as a click chemistry reagent for copper-catalyzed reactions with azides. The methylamine group is reactive with carboxylic acids, activated NHS esters, carbonyls (ketone, aldehyde), *etc*. The PEG spacer helps improve the water solubility of the molecule in aqueous media.
Molecular Weight	597.8
Molecular Formula	$C_{28}H_{55}NO_{12}$
Functional Group 1	Methylamine
Functional Group 2	Propargyl
Functional Group 3	None
Reactive Group 1	Azide
Reactive Group 2	Acid
Reactive Group 3	NHS
Form	Liquid
Purity	98%
Solubility	Water, DMSO, DCM, DMF
Identity	Confirmed by NMR.
Applications	Propargyl-PEG12-methylamine is used in molecular biology and bioconjugation research, facilitating efficient copper-catalyzed click chemistry reactions with azides, making it ideal for studying biomolecular interactions and developing targeted drug delivery systems.
Storage	Store at -20°C.