

Product Information

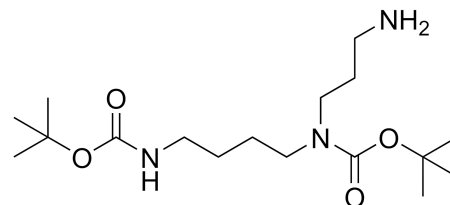
Acid/Propargyl PEG reagent, *N*-(Acid-PEG4)-*N*-bis(PEG4-propargyl), Purity 95%

Cat. No.: X24-10-WXX135

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

Synonym: Acid/Propargyl PEG reagent; *N*-(Acid-PEG4)-*N*-bis(PEG4-Propargyl)

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



Product Information

Description	<i>N</i> -(Acid-PEG4)- <i>N</i> -bis(PEG4-propargyl) is a reagent grade trifunctional PEG linker that combines a <i>t</i> -butyl ester with two terminal alkynes. The alkynes are applied in copper-click chemistry with azides to form stable triazole linkages with a target molecule, while the acid is reacted with amines or alcohols to form stable amides or esters.
Molecular Weight	693.8
Molecular Formula	C ₃₃ H ₅₉ NO ₁₄
Functional Group 1	Acid
Functional Group 2	Propargyl
Functional Group 3	None
Reactive Group 1	Amine
Reactive Group 2	Azide
Form	Solid
Purity	95%
Solubility	Water, DMSO, DCM, DMF
Identity	Confirmed by NMR.
Applications	<i>N</i> -(Acid-PEG4)- <i>N</i> -bis(PEG4-propargyl) is especially useful in synthesizing advanced drug delivery systems and constructs that require controlled release.
Storage	Store at -20°C.