

Product Information

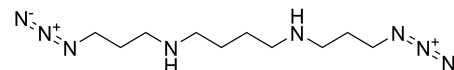
Propargyl PEG reagent, *N*-bis(PEG2-propargyl)-*N*-(PEG2-amidoPEG1)-*N*-(bis(PEG2-propargyl), Purity 98%

Cat. No.: X24-10-WXX126

Size: 25 mg; 50 mg; 100 mg

Synonym: Propargyl PEG reagent;

N-bis(PEG2-propargyl)-*N*-(PEG2-amidoPEG1)-*N*-(bis(PEG2-propargyl)



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

Product Information

Description	<i>N</i> -bis(PEG2-propargyl)- <i>N</i> -(PEG2-amidoPEG1)- <i>N</i> -(bis(PEG2-propargyl) is a reagent grade branched PEG linker with four terminal alkyne groups. The alkyne groups react with azides <i>via</i> - copper-catalyzed click chemistry reactions. The PEG units help increase the solubility of the molecule in aqueous environment.
Molecular Weight	768
Molecular Formula	C ₃₉ H ₆₅ N ₃ O ₁₂
Functional Group 1	Propargyl
Functional Group 2	None
Functional Group 3	None
Reactive Group 1	Azide
Form	Liquid
Purity	98%
Solubility	Water, DMSO, DCM, DMF
Identity	Confirmed by NMR.
Applications	<i>N</i> -bis(PEG2-propargyl)- <i>N</i> -(PEG2-amidoPEG1)- <i>N</i> -(bis(PEG2-propargyl) is used in molecular biology and bioconjugation research, facilitating efficient copper-catalyzed click chemistry reactions with azides enhancing water solubility for studies on biomolecular interactions and drug delivery systems.
Storage	Store at -20°C.