

Product Information

Propargyl PEG reagent, Bis-propargyl-PEG7, Purity 98%

Cat. No.: X24-10-WXX140

Size: 250 mg; 500 mg; 1 g

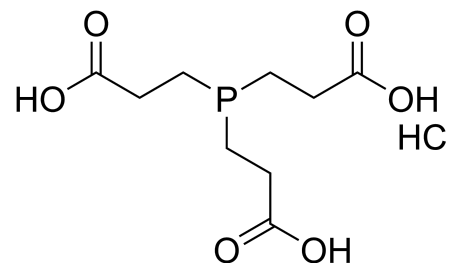
CAS Number: 400775-35-1

PubChem CID: 26794395

Synonym: 400775-35-1; Bis propargyl-peg7; Bis propargyl-PEG6;

4,7,10,13,16,19,22-Heptaioxapentacos-1,24-diyne; Bispropargyl-peg7

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



Product Information

Description	Bis-propargyl-PEG7 is a reagent grade homobifunctional reagent with two propargyl groups that are used to form triazole linkages with azide-bearing biomolecules or compounds <i>via</i> - copper-catalyzed click chemistry. The hydrophilic PEG units help improve the solubility of the molecule in aqueous environment.
Molecular Weight	358.4
Molecular Formula	C ₁₈ H ₃₀ O ₇
Functional Group 1	Propargyl
Functional Group 2	None
Functional Group 3	None
Reactive Group 1	Azide
IUPAC Name	3-[2-[2-[2-[2-[2-(2-prop-2-ynoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]prop-1-yne
InChI	InChI=1S/C18H30O7/c1-3-5-19-7-9-21-11-13-23-15-17-25-18-16-24-14-12-22-10-8-20-6-4-2/h1-2H, 5-18H2
InChI Key	WJGHENNJCGFCLO-UHFFFAOYSA-N
Canonical SMILES	C#CCOCCOCCOCCOCCOCCOCCOCC#C
Form	Liquid
Purity	98%
Solubility	DMSO, DCM, DMF
Identity	Confirmed by NMR.
Applications	Bis-propargyl-PEG7 enables crosslinking in polymer systems and enhances biological activity through its versatile functional groups. It is particularly useful in drug delivery systems where multiple

reactive sites are needed for complex drug conjugates.

Storage

Store at -20°C.
