

Product Information

Oxhydrl/Propargyl PEG reagent, Propargyl-PEG8-alcohol, Purity 98%

Cat. No.: X24-10-WXX114

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

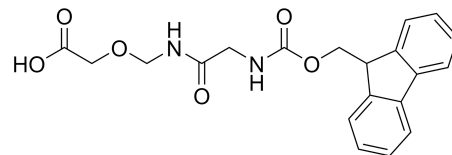
CAS Number: 1422023-54-8

PubChem CID: 91809446

Synonym: Propargyl-PEG8-alcohol; 1422023-54-8; Propargyl-PEG7-OH;

3,6,9,12,15,18,21-HEPTAOXATETRACOS-23-YN-1-OL

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



Product Information

Description	Propargyl-PEG8-alcohol has a hydroxyl group and a propargyl group, designed for copper-catalyzed azide-alkyne click chemistry reactions.
Molecular Weight	364.4
Molecular Formula	C ₁₇ H ₃₂ O ₈
Functional Group 1	Oxhydrl
Functional Group 2	Propargyl
Functional Group 3	None
Reactive Group 1	Azide
IUPAC Name	2-[2-[2-[2-[2-[2-(2-prop-2-ynoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol
InChI	InChI=1S/C17H32O8/c1-2-4-19-6-8-21-10-12-23-14-16-25-17-15-24-13-11-22-9-7-20-5-3-18/h1,18 H,3-17H2
InChI Key	QIJKIPMHDKPKLA-UHFFFAOYSA-N
Canonical SMILES	C#CCOCCOCCOCCOCCOCCOCCOCCO
Form	Liquid
Purity	98%
Solubility	Water, DMSO, DCM, DMF
Identity	Confirmed by NMR.
Applications	Propargyl-PEG8-alcohol is used in molecular biology and bioconjugation research, 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.

