

Product Information

Oxhydryl/Propargyl PEG reagent, Propargyl-PEG2-alcohol, Purity 98%

Cat. No.: X24-10-WXX113

Size: 1 g; 2 g; 5 g; 10 g

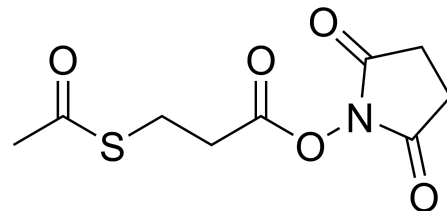
CAS Number: 3973-18-0

PubChem CID: 77596

Synonym: Propynol ethoxylate; 3973-18-0; Ethanol, 2-(2-propynyloxy)-;

2-(Prop-2-yn-1-yloxy)ethanol; 2-Propynoxyethanol

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



Product Information

Description	Propargyl-PEG2-alcohol has propargyl and alcohol end groups, designed for copper-catalyzed click chemistry reactions.
Molecular Weight	100.1
Molecular Formula	C ₅ H ₈ O ₂
Functional Group 1	Oxhydryl
Functional Group 2	Propargyl
Functional Group 3	None
Reactive Group 1	Azide
IUPAC Name	2-prop-2-ynoxyethanol
InChI	InChI=1S/C5H8O2/c1-2-4-7-5-3-6/h1,6H,3-5H2
InChI Key	GHGCQQRMJCSIBQ-UHFFFAOYSA-N
Canonical SMILES	C#CCOCCO
Form	Liquid
Purity	98%
Solubility	Water, DMSO, DCM, DMF
Identity	Confirmed by NMR.
Applications	Propargyl-PEG2-alcohol 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.

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