

Product Information

Methyl ester/Propargyl PEG reagent, Propargyl-PEG3-methyl ester, Purity 98%

Cat. No.: X24-10-WXX108

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

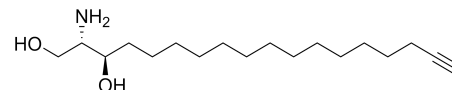
CAS Number: 2086689-09-8

PubChem CID: 126480456

Synonym: Propargyl-PEG3-methyl ester; 2086689-09-8; Propargyl-

PEG3-methylester; DTXSID401153014; AKOS040743801

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



Product Information

Description	Propargyl-PEG3-methyl ester is a reagent grade propargyl linker with a methyl ester, designed for copper-catalyzed click chemistry reactions with azide biomolecules or compounds. Methyl ester is hydrolyzed under strong basic conditions.
Molecular Weight	230.3
Molecular Formula	C ₁₁ H ₁₈ O ₅
Functional Group 1	Methyl ester
Functional Group 2	Propargyl
Functional Group 3	None
Reactive Group 1	Azide
IUPAC Name	Methyl 3-[2-(2-prop-2-ynoxyethoxy)ethoxy]propanoate
InChI	InChI=1S/C11H18O5/c1-3-5-14-7-9-16-10-8-15-6-4-11(12)13-2/h1H,4-10H2,2H3
InChI Key	SDSYWBQIDUXXIQ-UHFFFAOYSA-N
Canonical SMILES	COC(=O)CCOCCOCCOCC#C
Form	Liquid
Purity	98%
Identity	Confirmed by NMR.
Applications	Propargyl-PEG3-methyl ester is used in molecular biology and bioconjugation research, facilitating efficient copper-catalyzed click chemistry reactions, making it ideal for studying biomolecular interactions and developing targeted drug delivery systems.
Storage	Store at -20°C.