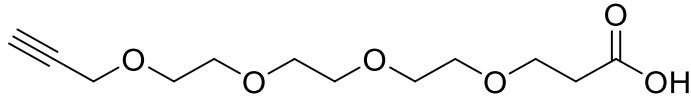




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
571650	Propargyl-PEG4-acid	BP201201

Chemical name	
4,7,10,13-tetraoxahexadec-15-ynoic acid	
Synonyms	
Propargyl-PEG4-acid; Propyne-PEG3-CH ₂ CH ₂ COOH	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 571650 Name: Propargyl-PEG4-acid CAS#: 1415800-32-6 Lot#: BP201201 Chemical Formula: C ₁₂ H ₂₀ O ₆ Exact Mass: 260.126 Molecular Weight: 260.29

Analysis item	Specifications / Results
Appearance	Liquid oil
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in Water, DMSO, DCM, DMF
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE