

Propargyl-PEG3-bromide

Chemical Properties

CAS No. : 203740-63-0

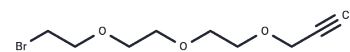
Formula: C₉H₁₅BrO₃

Molecular Weight: 251.12

Storage: Keep away from direct sunlight

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Propargyl-PEG3-bromide is a PEG-based PROTAC linker for synthesising PROTAC molecules, whose bromide group can undergo click chemistry (CuAAC) with alkyne-containing molecules.
Targets(IC50)	PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9822 mL	19.9108 mL	39.8216 mL
5 mM	0.7964 mL	3.9822 mL	7.9643 mL
10 mM	0.3982 mL	1.9911 mL	3.9822 mL
50 mM	0.0796 mL	0.3982 mL	0.7964 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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