

Propargyl-PEG2-bromide

Chemical Properties

CAS No. : 1287660-82-5

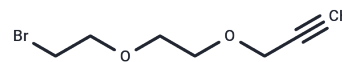
Formula: C7H11BrO2

Molecular Weight: 207.07

Keep away from direct sunlight

Storage: 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-PEG2-bromide is a PEG-based PROTAC linker suitable for synthesising PROTAC molecules, wherein its bromide group can undergo click chemistry reactions with molecules bearing alkyne groups via CuAAC catalysis.
Targets(IC50)	PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8293 mL	24.1464 mL	48.2928 mL
5 mM	0.9659 mL	4.8293 mL	9.6586 mL
10 mM	0.4829 mL	2.4146 mL	4.8293 mL
50 mM	0.0966 mL	0.4829 mL	0.9659 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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