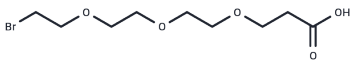
Data Sheet (Cat.No.T14797)

TargetMol

Bromo-PEG3-C2-acid

Chemical Properties



CAS No. : 782475-35-8

Formula: C9H17BrO5

Molecular Weight: 285.13

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	Bromo-PEG3-C2-acid, a PEG-based PROTAC linker, can be utilized in PROTAC synthesis [1].
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected via a linker: one targets an E3 ubiquitin ligase, while the other binds to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5072 mL	17.5359 mL	35.0717 mL
5 mM	0.7014 mL	3.5072 mL	7.0143 mL
10 mM	0.3507 mL	1.7536 mL	3.5072 mL
50 mM	0.0701 mL	0.3507 mL	0.7014 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481