

m-PEG2-Br

Chemical Properties

CAS No. : 54149-17-6

Formula: C₅H₁₁BrO₂

Molecular Weight: 183.04

Keep away from direct sunlight

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	m-PEG2-Br is a PEG-based PROTAC linker used in the synthesis of PROTACs.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked together: one binds to an E3 ubiquitin ligase, and the other targets the protein. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4633 mL	27.3164 mL	54.6329 mL
5 mM	1.0927 mL	5.4633 mL	10.9266 mL
10 mM	0.5463 mL	2.7316 mL	5.4633 mL
50 mM	0.1093 mL	0.5463 mL	1.0927 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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