

Propargyl-PEG1-acrylate

Chemical Properties

CAS No. : 52436-42-7

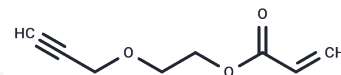
Formula: C₈H₁₀O₃

Molecular Weight: 154.16

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-PEG1-acrylate is a polyethylene glycol (PEG) derived linker employed in the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one targets an E3 ubiquitin ligase, and the other binds the target protein. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade the target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.4868 mL	32.4338 mL	64.8677 mL
5 mM	1.2974 mL	6.4868 mL	12.9735 mL
10 mM	0.6487 mL	3.2434 mL	6.4868 mL
50 mM	0.1297 mL	0.6487 mL	1.2974 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