

N-Ethylpropionamide-PEG1-Br

Chemical Properties

CAS No. : 1539080-27-7

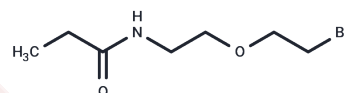
Formula: C7H14BrNO2

Molecular Weight: 224.098

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	N-Ethylpropionamide-PEG1-Br is a polyethylene glycol (PEG)-derived PROTAC linker used in the synthesis of Proteolysis Targeting Chimeras (PROTACs).
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two distinct ligands connected by a linker—one for an E3 ubiquitin ligase and the other for the target protein—leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4623 mL	22.3115 mL	44.6229 mL
5 mM	0.8925 mL	4.4623 mL	8.9246 mL
10 mM	0.4462 mL	2.2311 mL	4.4623 mL
50 mM	0.0892 mL	0.4462 mL	0.8925 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