

N-Ethyl-N-methylpropionamide-PEG1-Br

Chemical Properties

CAS No. : 1695856-63-3

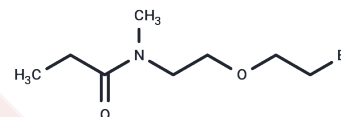
Formula: C₈H₁₆BrNO₂

Molecular Weight: 238.125

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-Ethyl-N-methylpropionamide-PEG1-Br, a PEG-derived PROTAC linker, is suitable for the synthesis of PROTACs.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase, and the other to the target protein. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1994 mL	20.9969 mL	41.9939 mL
5 mM	0.8399 mL	4.1994 mL	8.3988 mL
10 mM	0.4199 mL	2.0997 mL	4.1994 mL
50 mM	0.084 mL	0.4199 mL	0.8399 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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