

Bromo-PEG1-CH₂COOH

Chemical Properties

CAS No. : 1135131-50-8

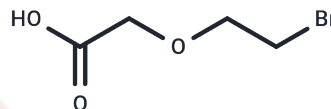
Formula: C₄H₇BrO₃

Molecular Weight: 183

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	Bromo-PEG1-CH ₂ COOH is a PROTAC linker utilized in the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two ligands linked together, harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins; one ligand binds to an E3 ubiquitin ligase, while the other targets the specific protein [target protein].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4645 mL	27.3224 mL	54.6448 mL
5 mM	1.0929 mL	5.4645 mL	10.929 mL
10 mM	0.5464 mL	2.7322 mL	5.4645 mL
50 mM	0.1093 mL	0.5464 mL	1.0929 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

Christopher Michael Semko, et al. C26-linked rapamycin analogs as mtor inhibitors. WO2019212991A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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