

Bromoacetamido-PEG5-DOTA

Chemical Properties

CAS No. : 2353410-19-0

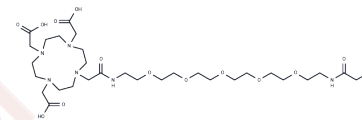
Formula: C30H55BrN6O13

Molecular Weight: 787.69

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	Bromoacetamido-PEG5-DOTA, a PEG-derived linker compound, is used for the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one targets an E3 ubiquitin ligase, and the other binds to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2695 mL	6.3477 mL	12.6953 mL
5 mM	0.2539 mL	1.2695 mL	2.5391 mL
10 mM	0.127 mL	0.6348 mL	1.2695 mL
50 mM	0.0254 mL	0.127 mL	0.2539 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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