

Bromo-PEG2-MS

Chemical Properties

CAS No. : 1935075-34-5

Formula: C₅H₁₁BrO₄S

Molecular Weight: 247.1

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-PEG2-MS is a PEG-based linker for PROTACs [Proteolysis Targeting Chimeras], crucial for joining two essential ligands and enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs contain two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets a specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0469 mL	20.2347 mL	40.4694 mL
5 mM	0.8094 mL	4.0469 mL	8.0939 mL
10 mM	0.4047 mL	2.0235 mL	4.0469 mL
50 mM	0.0809 mL	0.4047 mL	0.8094 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481