

SMPH Crosslinker

Chemical Properties

CAS No. : 367927-39-7

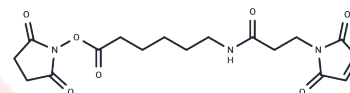
Formula: C17H21N3O7

Molecular Weight: 379.36

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	SMPH Crosslinker, an alkyl/ether-based PROTAC linker, is utilized for synthesizing PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are composed of two distinct ligands linked together: one binding to an E3 ubiquitin ligase and the other to a target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.636 mL	13.1801 mL	26.3602 mL
5 mM	0.5272 mL	2.636 mL	5.272 mL
10 mM	0.2636 mL	1.318 mL	2.636 mL
50 mM	0.0527 mL	0.2636 mL	0.5272 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