

DBCO-C2-SulfoNHS ester

Chemical Properties

CAS No. : 1803279-86-8

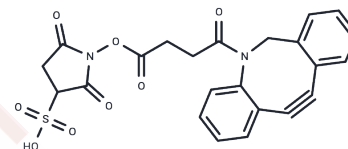
Formula: C₂₃H₁₈N₂O₈S

Molecular Weight: 482.46

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	DBCO-C2-SulfoNHS ester is an alkyl/ether-based linker commonly used in the synthesis of PROTACs, a class of compounds that induce targeted protein degradation.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one binds to an E3 ubiquitin ligase, and the other targets a specific protein. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0727 mL	10.3636 mL	20.7271 mL
5 mM	0.4145 mL	2.0727 mL	4.1454 mL
10 mM	0.2073 mL	1.0364 mL	2.0727 mL
50 mM	0.0415 mL	0.2073 mL	0.4145 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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