

Boc-C16-NHS ester

Chemical Properties

CAS No. : 843666-34-2

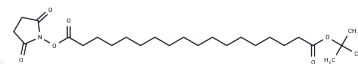
Formula: C₂₆H₄₅NO₆

Molecular Weight: 467.64

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	Boc-C16-NHS ester, an alkyl/ether-based PROTAC linker, enables the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize two distinct ligands connected by a linker: one targeting an E3 ubiquitin ligase and the other targeting the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1384 mL	10.692 mL	21.384 mL
5 mM	0.4277 mL	2.1384 mL	4.2768 mL
10 mM	0.2138 mL	1.0692 mL	2.1384 mL
50 mM	0.0428 mL	0.2138 mL	0.4277 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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