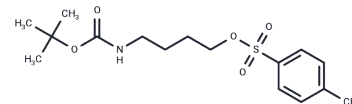


Tos-O-C4-NH-Boc

Chemical Properties

CAS No. : 180851-50-7
Formula: C₁₆H₂₅NO₅
Molecular Weight: 343.44
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Tos-O-C4-NH-Boc is an alkyl ether-based linker utilized for synthesizing PROTACs, including BSJ-03-204.
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9117 mL	14.5586 mL	29.1172 mL
5 mM	0.5823 mL	2.9117 mL	5.8234 mL
10 mM	0.2912 mL	1.4559 mL	2.9117 mL
50 mM	0.0582 mL	0.2912 mL	0.5823 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.

Reference

Wang Z, et al. Proteolysis Targeting Chimeras for the Selective Degradation of Mcl-1/Bcl-2 Derived from Nonselective Targ. J Med Chem. 2019 Aug 21.

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