

## Br-Boc-C2-azido

## Chemical Properties

CAS No. : 1120364-53-5

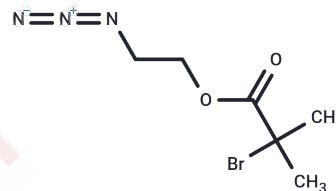
Formula: C<sub>6</sub>H<sub>10</sub>BrN<sub>3</sub>O<sub>2</sub>

Molecular Weight: 236.07

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	Br-Boc-C2-azido is a alkyl/ether-based linker for PROTACs which joins two essential ligands, crucial for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one binds to an E3 ubiquitin ligase, and the other to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.236 mL	21.1802 mL	42.3603 mL
5 mM	0.8472 mL	4.236 mL	8.4721 mL
10 mM	0.4236 mL	2.118 mL	4.236 mL
50 mM	0.0847 mL	0.4236 mL	0.8472 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

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