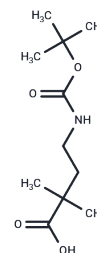


## 4-Boc-amino-2,2-dimethylbutyric acid

## Chemical Properties

CAS No. :	153039-17-9
Formula:	C <sub>11</sub> H <sub>21</sub> NO <sub>4</sub>
Molecular Weight:	231.2887
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



## Biological Description

Description	4-Boc-amino-2,2-dimethylbutyric acid is an alkyl/ether-derived PROTAC linker, suitable for PROTAC synthesis.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two ligands linked by a linker—one for an E3 ubiquitin ligase and the other for the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3236 mL	21.6179 mL	43.2358 mL
5 mM	0.8647 mL	4.3236 mL	8.6472 mL
10 mM	0.4324 mL	2.1618 mL	4.3236 mL
50 mM	0.0865 mL	0.4324 mL	0.8647 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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