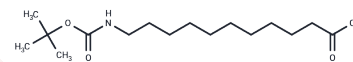


## Boc-11-aminoundecanoic acid

## Chemical Properties

CAS No. :	10436-25-6
Formula:	C <sub>16</sub> H <sub>31</sub> NO <sub>4</sub>
Molecular Weight:	301.42
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	Boc-11-aminoundecanoic acid is an alkyl/ether-based PROTAC linker used in the synthesis of [MS432].
Targets(IC50)	PROTAC Linker
In vitro	MS432 represents a pioneering and highly selective VHL-recruiting PROTAC degrader, specifically designed based on PD0325901, targeting MEK1 and MEK2[1]. PROTACs are bifunctional molecules, comprising two ligands joined by a linker; one ligand interacts with an E3 ubiquitin ligase, while the other targets the protein of interest. By leveraging the cell's ubiquitin-proteasome system, PROTACs achieve selective degradation of their target proteins.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3176 mL	16.5881 mL	33.1763 mL
5 mM	0.6635 mL	3.3176 mL	6.6353 mL
10 mM	0.3318 mL	1.6588 mL	3.3176 mL
50 mM	0.0664 mL	0.3318 mL	0.6635 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

Wei J, et al. Discovery of a First-in-Class Mitogen-Activated Protein Kinase Kinase 1/2 Degrader. J Med Chem. 2019 Dec 12;62(23):10897-10911.

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