

## AM-Imidazole-PA-Boc

## Chemical Properties

CAS No. : 2357108-99-5

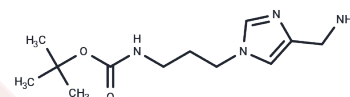
Formula: C<sub>12</sub>H<sub>22</sub>N<sub>4</sub>O<sub>2</sub>

Molecular Weight: 254.33

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	AM-Imidazole-PA-Boc is an alkyl chain-derived PROTAC linker used for the synthesis of PROTAC IRAK4 degrader-1[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9319 mL	19.6595 mL	39.319 mL
5 mM	0.7864 mL	3.9319 mL	7.8638 mL
10 mM	0.3932 mL	1.9659 mL	3.9319 mL
50 mM	0.0786 mL	0.3932 mL	0.7864 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

Nello Mainolfi, et al. Irak degraders and uses thereof. US20190192668A1.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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