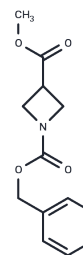


Methyl 1-Cbz-azetidine-3-carboxylate

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 757239-60-4 |
| Formula: | C13H15NO4 |
| Molecular Weight: | 249.26 |
| Storage: | Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|---|
| Description | Methyl 1-Cbz-azetidine-3-carboxylate acts as a stable ADC linker for synthesizing antibody-drug conjugates (ADCs) and as an alkyl chain-based PROTAC linker in developing PROTACs[1]. |
| Targets(IC50) | ADC Linker,PROTAC Linker |
| In vitro | ADCs consist of an antibody conjugated to a cytotoxic agent via an ADC linker [1]. In contrast, PROTACs are bifunctional molecules with two ligands joined by a linker; one binds to an E3 ubiquitin ligase while the other targets a specific protein. Through harnessing the intracellular ubiquitin-proteasome system, PROTACs selectively mediate the degradation of the designated proteins [2]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.0119 mL | 20.0594 mL | 40.1188 mL |
| 5 mM | 0.8024 mL | 4.0119 mL | 8.0238 mL |
| 10 mM | 0.4012 mL | 2.0059 mL | 4.0119 mL |
| 50 mM | 0.0802 mL | 0.4012 mL | 0.8024 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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