

## Chloroacetamido-C4-NHBoc

## Chemical Properties

CAS No. : 133264-58-1

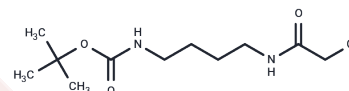
Formula: C<sub>11</sub>H<sub>21</sub>ClN<sub>2</sub>O<sub>3</sub>

Molecular Weight: 264.75

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	Chloroacetamido-C4-NHBoc, an alkyl/ether-based linker, is commonly employed in the synthesis of proteolysis targeting chimeras (PROTACs).
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, which consist of two ligands connected by a linker—one targeting an E3 ubiquitin ligase and the other targeting the protein of interest—utilize the intracellular ubiquitin-proteasome system for selective protein degradation[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7771 mL	18.8857 mL	37.7715 mL
5 mM	0.7554 mL	3.7771 mL	7.5543 mL
10 mM	0.3777 mL	1.8886 mL	3.7771 mL
50 mM	0.0755 mL	0.3777 mL	0.7554 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

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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481