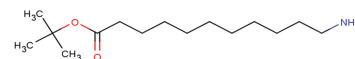


## tert-Butyl 11-aminoundecanoate

### Chemical Properties

CAS No.:	220851-29-6
Formula:	C <sub>15</sub> H <sub>31</sub> NO <sub>2</sub>
Molecular Weight:	257.41
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



### Biological Description

Description	tert-Butyl 11-aminoundecanoate (compound 6b) is a PROTAC linker, which refers to the PEG composition. tert-Butyl 11-aminoundecanoate can be used in the synthesis of a series of PROTACs. PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].
Targets(IC <sub>50</sub> )	PEGs: None

### Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.885 mL	19.424 mL	38.849 mL
5 mM	0.777 mL	3.885 mL	7.77 mL
10 mM	0.388 mL	1.942 mL	3.885 mL
50 mM	0.078 mL	0.388 mL	0.777 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

#### Reference

1. Kim K, et al. Disordered region of cereblon is required for efficient degradation by proteolysis-targeting chimera. *Sci Rep.* 2019 Dec 23;9(1):19654.

Inhibitors · Natural Compounds · Compound Libraries

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