

CC-647

Chemical Properties

CAS No. : 1061605-35-3

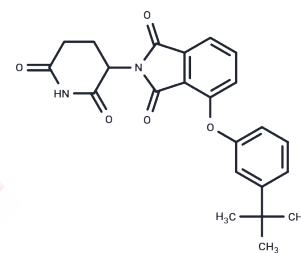
Formula: C₂₃H₂₂N₂O₅

Molecular Weight: 406.43

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	CC-647 is a molecular glue modulator targeting the Cereblon (CRBN) E3 ubiquitin ligase. It enhances the interaction between CRBN and ZBTB16, as well as its oncogenic fusion protein RAR α -ZBTB16, with a half-maximal degradation concentration (DC50) of 103 nM for ZBTB16. CC-647 holds potential for studying ZBTB16-RAR α related acute promyelocytic leukemia (APL).
Targets(IC50)	E1/E2/E3 Enzyme, Molecular Glues, PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4604 mL	12.3022 mL	24.6045 mL
5 mM	0.4921 mL	2.4604 mL	4.9209 mL
10 mM	0.246 mL	1.2302 mL	2.4604 mL
50 mM	0.0492 mL	0.246 mL	0.4921 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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