

CRBN ligand-9

Chemical Properties

CAS No. : 55003-81-1

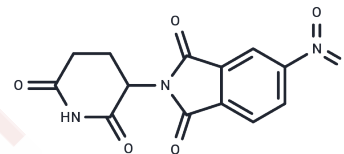
Formula: C₁₃H₉N₃O₆

Molecular Weight: 303.23

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	CRBN ligand-9 (2-(2,6-dioxopiperidin-3-yl)-5-nitroisoindoline-1,3-dione) exhibit inhibition of CRBN.
Targets(IC50)	Ligands for E3 Ligase

Solubility Information

Solubility	DMSO: 65 mg/mL (214.36 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2978 mL	16.4891 mL	32.9783 mL
5 mM	0.6596 mL	3.2978 mL	6.5957 mL
10 mM	0.3298 mL	1.6489 mL	3.2978 mL
50 mM	0.066 mL	0.3298 mL	0.6596 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

National Center for Biotechnology Information (2021). PubChem Bioassay Record for AID 1569040, Source: ChEMBL. Retrieved December 2, 2021 from <https://pubchem.ncbi.nlm.nih.gov/bioassay/1569040>.

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