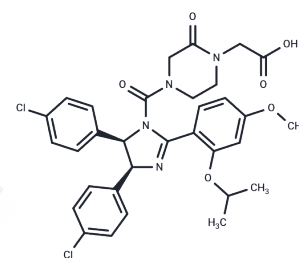


Nutlin carboxylic acid

Chemical Properties

CAS No. :	2249750-27-2
Formula:	C ₃₂ H ₃₂ Cl ₂ N ₄ O ₆
Molecular Weight:	639.53
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	Nutlin carboxylic acid (MDM2 ligand 1) is derived from Nutlin-3 and serves as a functional MDM2 ligand that can be chemically linked to a protein-binding moiety via a linker to generate PROTAC molecules, enabling targeted degradation of disease-relevant proteins and supporting advanced research in ubiquitin-proteasome system-based drug design.
Targets(IC50)	PROTACs

Solubility Information

Solubility	DMSO: 40 mg/mL (62.55 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	1.5636 mL	7.8182 mL	15.6365 mL
5 mM	0.3127 mL	1.5636 mL	3.1273 mL
10 mM	0.1564 mL	0.7818 mL	1.5636 mL
50 mM	0.0313 mL	0.1564 mL	0.3127 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

Dimer amide micromolecule PROTACs for inducing MDM2 to self-degrade E3 ubiquitin ligase. CN108610333A.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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