

ZXH-1-161

Chemical Properties

CAS No. : 2407654-51-5

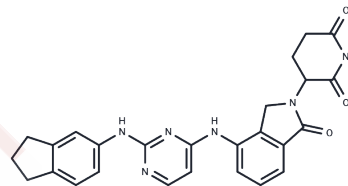
Formula: C₂₆H₂₄N₆O₃

Molecular Weight: 468.51

Store at low temperature

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	ZXH-1-161 is a potent Cereblon (CRBN) modulator PROTAC that selectively degrades GSPT1 for use in multiple myeloma research.
Targets(IC50)	Ligands for E3 Ligase, Molecular Glues, PROTACs

Solubility Information

Solubility	DMSO: 200 mg/mL (426.89 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	2.1344 mL	10.6721 mL	21.3443 mL
5 mM	0.4269 mL	2.1344 mL	4.2689 mL
10 mM	0.2134 mL	1.0672 mL	2.1344 mL
50 mM	0.0427 mL	0.2134 mL	0.4269 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

Powell CE, et al. Selective Degradation of GSPT1 by Cereblon Modulators Identified via a Focused Combinatorial Library. ACS Chem Biol. 2020 Oct 16;15(10):2722-2730.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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