

Lenalidomide-propargyl-C2-NH2 hydrochloride

Chemical Properties

CAS No.:	T18070
Formula:	C ₁₈ H ₂₀ ClN ₃ O ₃
Molecular Weight:	361.82
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Lenalidomide-propargyl-C2-NH2 hydrochloride incorporates a cereblon (CRBN) ligand for the E3 ubiquitin ligase, and a linker. Lenalidomide-propargyl-C2-NH2 hydrochloride can be used to design the PROTAC MD-224[1].
Targets(IC ₅₀)	Cereblon: 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	2.764 mL	13.819 mL	27.638 mL
5 mM	0.553 mL	2.764 mL	5.528 mL
10 mM	0.276 mL	1.382 mL	2.764 mL
50 mM	0.055 mL	0.276 mL	0.553 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

- Li Y, et al. Discovery of MD-224 as a First-in-Class, Highly Potent, and Efficacious Proteolysis Targeting Chimera Murine Double Minute 2 Degradable Capable of Achieving Complete and Durable Tumor Regression. J Med Chem. 2019 Jan 24;62(2):448-466.

Inhibitors · Natural Compounds · Compound Libraries

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