

MI-389

Chemical Properties

CAS No. : 2222635-92-7

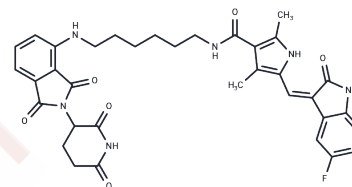
Formula: C₃₅H₃₅FN₆O₆

Molecular Weight: 654.69

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	MI-389 is a PROTAC degrader that induces the degradation of receptor tyrosine kinases (RTKs), useful in leukemia research.
Targets(IC ₅₀)	Apoptosis,PROTACs

Solubility Information

Solubility	DMSO: 50 mg/mL (76.37 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	1.5274 mL	7.6372 mL	15.2744 mL
5 mM	0.3055 mL	1.5274 mL	3.0549 mL
10 mM	0.1527 mL	0.7637 mL	1.5274 mL
50 mM	0.0305 mL	0.1527 mL	0.3055 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

Ishoey M, et al. Translation Termination Factor GSPT1 Is a Phenotypically Relevant Off-Target of Heterobifunctional Phthalimide Degradere. ACS Chem Biol. 2018 Mar 16;13(3):553-560.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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