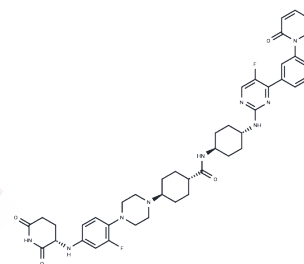


LRK-4189

Chemical Properties

CAS No. : 3063346-83-5
 Formula: C43H49F2N9O4
 Molecular Weight: 793.9
 Storage: Keep away from direct sunlight
 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	LRK-4189 is an orally active, selective PIP4K2C PROTAC degrader with a DC50 <500 nM in MOLT-4 cells. It induces endogenous apoptosis and activates the interferon signaling pathway, exhibiting antitumor activity against microsatellite stable (MSS) colorectal cancer (CRC) cells.
Targets(IC50)	PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2596 mL	6.298 mL	12.596 mL
5 mM	0.2519 mL	1.2596 mL	2.5192 mL
10 mM	0.126 mL	0.6298 mL	1.2596 mL
50 mM	0.0252 mL	0.126 mL	0.2519 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

Goodman K, O'Shea M, Ye G, et al. Discovery of LRK-4189, a first-in-class degrader of the lipid kinase PIP4K2C for the treatment of Microsatellite Stable (MSS) Colorectal Carcinoma. ACS Fall 2025. Accessed December 23, 2025.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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