

NU227326

Chemical Properties

CAS No. : 3048196-52-4

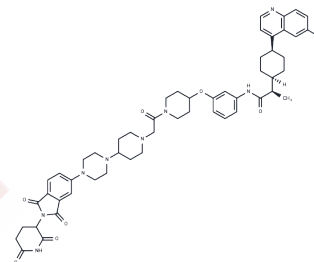
Formula: C53H61FN8O7

Molecular Weight: 941.099

Keep away from direct sunlight

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	NU227326 is a PROTAC degrader of indoleamine 2,3-dioxygenase 1 (IDO1) with a DC50 value of 4.5 nM. It effectively degrades IDO1 in U87 and GBM43 cells, with DC50 values of 7.1 nM and 11.8 nM, respectively. NU227326 exhibits favorable pharmacokinetic properties, with a plasma half-life of 5.7 hours and a brain tissue half-life of 11.8 hours. (Pink: ligand for target protein IDO1 ligand-1; Black: linker; Blue: ligand for E3 ligase Cereblon).
Targets(IC50)	IDO,Indoleamine 2,3-Dioxygenase (IDO),PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0626 mL	5.3129 mL	10.6259 mL
5 mM	0.2125 mL	1.0626 mL	2.1252 mL
10 mM	0.1063 mL	0.5313 mL	1.0626 mL
50 mM	0.0213 mL	0.1063 mL	0.2125 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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