

NU223612

## Chemical Properties

CAS No. : 2759420-43-2

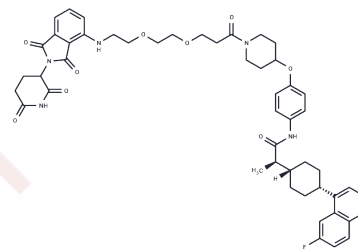
Formula: C49H55FN6O9

Molecular Weight: 890.99

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	NU223612 is a potent PROTAC (PROTACs) specifically targeting and degrading indoleamine 2,3-dioxygenase 1 (IDO1) (Indoleamine 2,3-Dioxygenase (IDO)) via CRBN-mediated proteasomal degradation, demonstrating a binding affinity (Kd) of 640 nM for IDO1 and 290 nM for CRBN. Importantly, NU223612 is capable of crossing the blood-brain barrier (BBB) [1].
Targets(IC50)	Others,IDO,Indoleamine 2,3-Dioxygenase (IDO),PROTACs

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1223 mL	5.6117 mL	11.2235 mL
5 mM	0.2245 mL	1.1223 mL	2.2447 mL
10 mM	0.1122 mL	0.5612 mL	1.1223 mL
50 mM	0.0224 mL	0.1122 mL	0.2245 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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