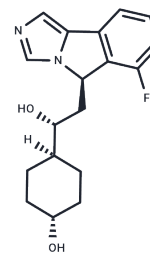


IDO-IN-5

Chemical Properties

CAS No. : 1402837-79-9
 Formula: C₁₈H₂₁FN₂O₂
 Molecular Weight: 316.37
 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	IDO-IN-5 is an indoleamine 2,3-dioxygenase (IDO) inhibitor (IC ₅₀ : 1-10 μM).
Targets(IC ₅₀)	IDO, Indoleamine 2,3-Dioxygenase (IDO)
In vitro	IDO-IN-5 is an indoleamine 2,3-dioxygenase (IDO) inhibitor with an IC ₅₀ of 1-10 μM (this is the concentration of IDO-IN-5 at which inhibits 50% of enzymatic activity using recombinant human IDO).

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1609 mL	15.8043 mL	31.6086 mL
5 mM	0.6322 mL	3.1609 mL	6.3217 mL
10 mM	0.3161 mL	1.5804 mL	3.1609 mL
50 mM	0.0632 mL	0.3161 mL	0.6322 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

Mario Mautino, et al. Fused imidazole derivatives useful as ido inhibitors. WO 2012142237 A1.

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