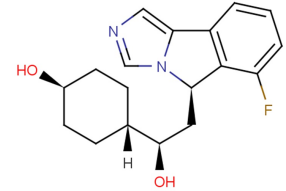


Data Sheet (Cat.No.T11619)

IDO-IN-5

Chemical Properties

CAS No.:	1402837-79-9
Formula:	C ₁₈ H ₂₁ FN ₂ O ₂
Molecular Weight:	316.37
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	IDO-IN-5 is an indoleamine 2,3-dioxygenase (IDO) inhibitor (IC ₅₀ : 1-10 μM).
Targets(IC ₅₀)	IDO: 1-10 μM
In vitro	IDO-IN-5 is an indoleamine 2,3-dioxygenase (IDO) inhibitor (IC ₅₀ : 1-10 μM) (this is the concentration of IDO-IN-5 at which inhibits 50% of enzymatic activity using recombinant human IDO).

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.161 mL	15.804 mL	31.609 mL
5 mM	0.632 mL	3.161 mL	6.322 mL
10 mM	0.316 mL	1.58 mL	3.161 mL
50 mM	0.063 mL	0.316 mL	0.632 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

Inhibitors · Natural Compounds · Compound Libraries

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