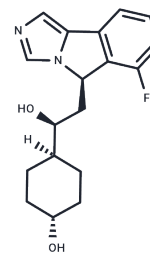


IDO-IN-8

Chemical Properties

CAS No. :	1402837-77-7
Formula:	C ₁₈ H ₂₁ FN ₂ O ₂
Molecular Weight:	316.37
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	IDO-IN-8 is an indoleamine 2,3-dioxygenase (IDO) inhibitor (IC ₅₀ : 1-10 μM).
Targets(IC ₅₀)	IDO
In vitro	IDO-IN-8 is an indoleamine 2,3-dioxygenase (IDO) inhibitor with an IC ₅₀ of 1-10 μM (this is the concentration of IDO-IN-8 at which inhibits 50% of enzymatic activity using recombinant human IDO).

Solubility Information

Solubility	Ethanol: 100 mg/mL (316.09 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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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.

Reference

Mautino, et al. Preparation of fused imidazole derivatives as IDO inhibitors. From PCT Int. Appl. (2012), 20121018.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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