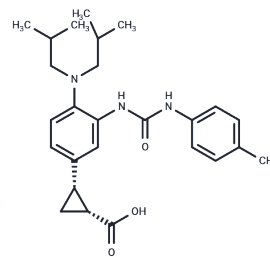


IDO-IN-4

Chemical Properties

CAS No. :	1629125-65-0
Formula:	C ₂₆ H ₃₅ N ₃ O ₃
Molecular Weight:	437.57
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-4 is an indoleamine 2,3-dioxygenase 1 (IDO-1) inhibitor.
Targets(IC50)	Others,IDO,Indoleamine 2,3-Dioxygenase (IDO)
In vitro	IDO-IN-4 is a IDO-1 inhibitor in human IDO1/HEK293 cells.

Solubility Information

Solubility	DMSO: 100 mg/mL (228.53 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	2.2853 mL	11.4267 mL	22.8535 mL
5 mM	0.4571 mL	2.2853 mL	4.5707 mL
10 mM	0.2285 mL	1.1427 mL	2.2853 mL
50 mM	0.0457 mL	0.2285 mL	0.4571 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

Balog, et al. Preparation of cycloalkylaryl amide compounds as indoleamine 2,3-dioxygenase and therapeutic uses thereof. From PCT Int. Appl. (2014), WO 2014150677 A1 20140925.

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