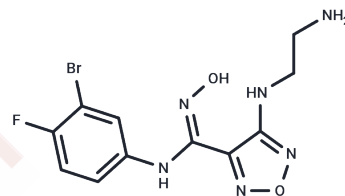


IDO-IN-3

Chemical Properties

CAS No. :	2070018-30-1
Formula:	C ₁₁ H ₁₂ BrFN ₆ O ₂
Molecular Weight:	359.15
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-3 is a potent inhibitor of indoleamine 2,3-dioxygenase (IDO), with an IC ₅₀ value of 290 nM.
Targets(IC ₅₀)	IDO, Indoleamine 2,3-Dioxygenase (IDO)
In vitro	IDO-IN-3 is a potent (HeLa IC ₅₀ =98 nM) inhibitor of IDO.

Solubility Information

Solubility	DMSO: 27.5 mg/mL (76.57 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7844 mL	13.9218 mL	27.8435 mL
5 mM	0.5569 mL	2.7844 mL	5.5687 mL
10 mM	0.2784 mL	1.3922 mL	2.7844 mL
50 mM	0.0557 mL	0.2784 mL	0.5569 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

Yue EW, et al. INCB24360 (Epacadostat), a Highly Potent and Selective Indoleamine-2,3-dioxygenase 1 (IDO1) Inhibitor for Immuno-oncology. ACS Med Chem Lett. 2017 Mar 6;8(5):486-491.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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