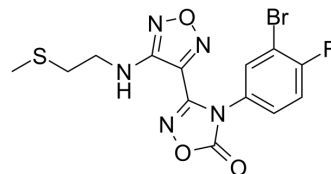


IDO-IN-12

Cat. No.:	HY-115122		
CAS No.:	1888341-29-4		
Molecular Formula:	C ₁₃ H ₁₁ BrFN ₅ O ₃ S		
Molecular Weight:	416.23		
Target:	Indoleamine 2,3-Dioxygenase (IDO)		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (240.25 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
	Preparing Stock Solutions		10 mg	
	1 mM	2.4025 mL	12.0126 mL	24.0252 mL
	5 mM	0.4805 mL	2.4025 mL	4.8050 mL
	10 mM	0.2403 mL	1.2013 mL	2.4025 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (6.01 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.01 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	IDO-IN-12 is an indoleamine 2,3-dioxygenase (IDO) inhibitor extracted from patent WO 2017181849 A1.
IC₅₀ & Target	IDO ^[1]

REFERENCES

[1]. Shenghua Wu, et al. Indoleamine 2,3-dioxygenase inhibitor, preparation method therefor, and application. WO 2017181849 A1.

Caution: Product has not been fully validated for medical applications. For research use only.

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