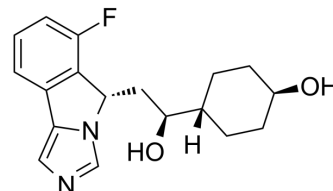


IDO-IN-6

Cat. No.:	HY-18770A		
CAS No.:	1402837-76-6		
Molecular Formula:	C ₁₈ H ₂₁ FN ₂ O ₂		
Molecular Weight:	316.37		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (158.04 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		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
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 (7.90 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (7.90 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.90 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	IDO-IN-6 (NLG-1486) is an indoleamine 2,3-dioxygenase (IDO) inhibitor extracted from patent WO WO2012142237A1, Compound 1486, has an IC ₅₀ of <1 μM.
IC ₅₀ & Target	IC ₅₀ : <1 μM (IDO) ^[1]
In Vitro	IDO-IN-6 (Compound 1486) is an indoleamine 2,3-dioxygenase (IDO) inhibitor with an IC ₅₀ of <1 μM (this is the concentration of IDO-IN-6 at which inhibits 50% of enzymatic activity using recombinant human IDO) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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