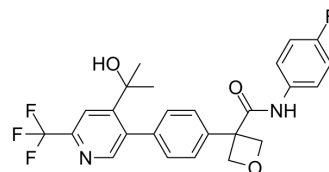


IDO1-IN-19

Cat. No.:	HY-144652		
CAS No.:	2328099-11-0		
Molecular Formula:	C ₂₅ H ₂₂ F ₄ N ₂ O ₃		
Molecular Weight:	474.45		
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 (210.77 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.1077 mL	10.5385 mL	21.0770 mL
5 mM	0.4215 mL	2.1077 mL	4.2154 mL
10 mM	0.2108 mL	1.0539 mL	2.1077 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (5.27 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (5.27 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (5.27 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

IDO1-IN-19 (Compound 17) is a potent inhibitor of IDO1. IDO1-IN-19 has the potential for the research of cancer diseases^[1].

REFERENCES

[1]. Derun Li, et al. Oxetane Promise Delivered: Discovery of Long-Acting IDO1 Inhibitors Suitable for Q3W Oral or Parenteral Dosing.

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

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