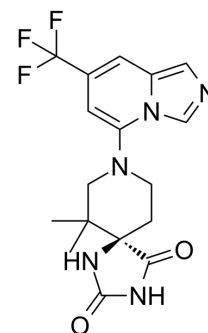


IACS-8968 R-enantiomer

Cat. No.:	HY-112164A		
CAS No.:	2239305-67-8		
Molecular Formula:	C ₁₇ H ₁₈ F ₃ N ₅ O ₂		
Molecular Weight:	381.35		
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 : 50 mg/mL (131.11 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6223 mL	13.1113 mL	26.2226 mL
	5 mM	0.5245 mL	2.6223 mL	5.2445 mL
	10 mM	0.2622 mL	1.3111 mL	2.6223 mL

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

BIOLOGICAL ACTIVITY

Description	IACS-8968 (R-enantiomer) is the R-enantiomer of IACS-8968. IACS-8968 is a dual IDO and TDO inhibitor, with pIC ₅₀ s of 6.43 for IDO and <5 for TDO, respectively.
IC₅₀ & Target	IDO, TDO ^[1] .

REFERENCES

[1]. ARYL SULFONOHYDRAZIDES. WO 2017189386 A1

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

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