IDO-IN-3

Cat. No.: HY-16987

CAS No.: 2070018-30-1

Molecular Formula: $C_{11}H_{12}BrFN_6O_2$

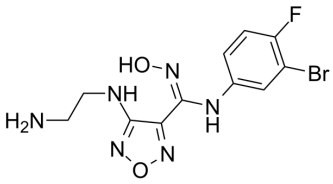
Molecular Weight: 359.15

Target: Indoleamine 2,3-Dioxygenase (IDO)

Pathway: Metabolic Enzyme/Protease

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 : 27.5 mg/mL (76.57 mM; Need ultrasonic and warming)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	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

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

BIOLOGICAL ACTIVITY

Description

IDO-IN-3 is a potent indoleamine 2,3-dioxygenase (IDO) inhibitor with an IC_{50} of 290 nM.

IC_{50} & Target

IDO 290 nM (IC_{50})	IDO 98 nM (IC_{50}, in HeLa cell)

In Vitro

IDO-IN-3 (Compound 4c) is a potent (HeLa IC_{50}=98 nM) inhibitor of IDO[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. 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.

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

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