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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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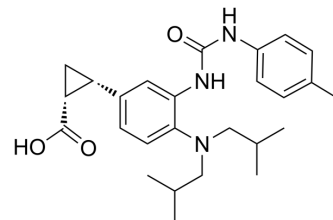
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BMS-978587

Cat. No.:	HY-18769
CAS No.:	1629125-65-0
Molecular Formula:	C ₂₆ H ₃₅ N ₃ O ₃
Molecular Weight:	437.57
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 (228.53 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.2853 mL	11.4267 mL	22.8535 mL
	5 mM		0.4571 mL	2.2853 mL	4.5707 mL
	10 mM		0.2285 mL	1.1427 mL	2.2853 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 (5.71 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (5.71 mM); Clear solution

BIOLOGICAL ACTIVITY

Description	BMS-978587 (IDO-IN-4) is an indoleamine 2,3-dioxygenase 1 (IDO-1) inhibitor, extracted from patent WO2014150677A1, Compound example 1 enantiomer 1.
IC ₅₀ & Target	IDO-1
In Vitro	BMS-978587 (IDO-IN-4) (Compound example 1 enantiomer 1) is a IDO-1 inhibitor in human IDO1/HEK293 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Patent. US20190382356A1.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Balog, et al. Preparation of cycloalkylaryl amide compounds as indoleamine 2,3-dioxygenase and therapeutic uses thereof. From PCT Int. Appl. (2014), WO 2014150677 A1 20140925.

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

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