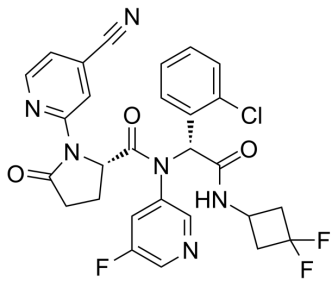
(R,S)-Ivosidenib

Cat. No.:	HY-18767A
CAS No.:	2070009-31-1
Molecular Formula:	$C_{28}H_{22}ClF_3N_6O_3$
Molecular Weight:	582.96
Target:	Isocitrate Dehydrogenase (IDH)
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 : 3.33 mg/mL (5.71 mM; Need ultrasonic)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	1.7154 mL	8.5769 mL	17.1538 mL
	5 mM	0.3431 mL	1.7154 mL	3.4308 mL
	10 mM	---	---	---

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: ≥ 0.33 mg/mL (0.57 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

(R,S)-Ivosidenib ((R,S)-AG-120) is the less active enantiomer of Ivosidenib (AG-120)[1].

CUSTOMER VALIDATION

- Cell Rep. 2022 Feb 15;38(7):110391.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Popovici-Muller J, et al. Discovery of AG-120 (Ivosidenib): A First-in-Class Mutant IDH1 Inhibitor for the Treatment of IDH1Mutant Cancers. ACS Med Chem Lett. 2018 Jan 19;9(4):300-305.

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

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