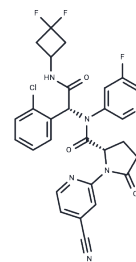


(R,S)-Ivosidenib

Chemical Properties

CAS No. :	2070009-31-1
Formula:	C ₂₈ H ₂₂ ClF ₃ N ₆ O ₃
Molecular Weight:	582.96
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	(R,S)-Ivosidenib is the less active enantiomer of Ivosidenib .
Targets(IC50)	Opioid Receptor, Isocitrate Dehydrogenase (IDH)

Solubility Information

Solubility	DMSO: 3.33 mg/mL (5.71 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7154 mL	8.5769 mL	17.1538 mL
5 mM	0.3431 mL	1.7154 mL	3.4308 mL
10 mM	0.1715 mL	0.8577 mL	1.7154 mL
50 mM	0.0343 mL	0.1715 mL	0.3431 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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

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