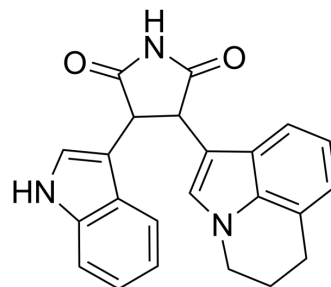


(Rac)-Tivantinib

Cat. No.:	HY-76688		
CAS No.:	1239986-50-5		
Molecular Formula:	C ₂₃ H ₁₉ N ₃ O ₂		
Molecular Weight:	369.42		
Target:	Others		
Pathway:	Others		
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 (270.69 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.7069 mL	13.5347 mL	27.0695 mL
	5 mM	0.5414 mL	2.7069 mL	5.4139 mL
	10 mM	0.2707 mL	1.3535 mL	2.7069 mL

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

BIOLOGICAL ACTIVITY

Description

(Rac)-Tivantinib is the isomer of Tivantinib (HY-50686), and can be used as an experimental control. Tivantinib is a highly selective c-Met tyrosine kinase inhibitor with a K_i of 355 nM.

REFERENCES

- [1]. Bai YL, et al. Quantitative analysis of tivantinib in rat plasma using ultra performance liquid chromatography with tandem mass spectrometry. J Pharm Biomed Anal. 2016 Jul 15;126:98-102.
- [2]. Munshi N, et al. ARQ 197, a novel and selective inhibitor of the human c-Met receptor tyrosine kinase with antitumor activity. Mol Cancer Ther. 2010 Jun;9(6):1544-53.

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

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