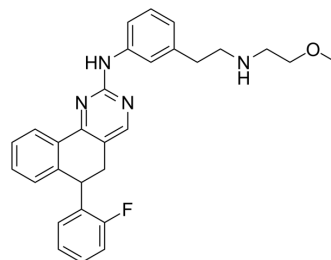


Derazantinib Racemate

Cat. No.:	HY-19981A		
CAS No.:	2309668-44-6		
Molecular Formula:	C ₂₉ H ₂₉ FN ₄ O		
Molecular Weight:	468.57		
Target:	FGFR		
Pathway:	Protein Tyrosine Kinase/RTK		
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 (213.42 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.1342 mL	10.6708 mL	21.3415 mL
	5 mM	0.4268 mL	2.1342 mL	4.2683 mL
	10 mM	0.2134 mL	1.0671 mL	2.1342 mL

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

BIOLOGICAL ACTIVITY

Description

Derazantinib Racemate (ARQ-087 Racemate) is the racemate of Derazantinib. Derazantinib is an orally bioavailable, ATP competitive tyrosine kinase inhibitor; exhibits potent activity against FGFR1-3 chondrocytes with IC₅₀s of 4.5, 1.8, and 4.5 nM, respectively.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA