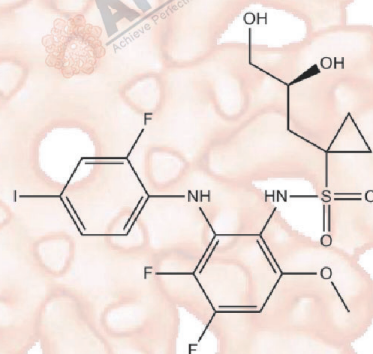


Product Data Sheet

Refametinib

Cat. No.:	B1267
CAS No.:	923032-37-5
Formula:	C ₁₉ H ₂₀ F ₃ IN ₂ O ₅ S
M.Wt:	572.34
Synonyms:	
Target:	MAPK Signaling
Pathway:	MEK1/2
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥ 151.8 mg/mL in DMSO; ≥ 90.2 mg/mL in EtOH

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
			1mM	5mM	10mM
			1mM	5mM	10mM
		1 mM	1.7472 mL	8.7361 mL	17.4721 mL
		5 mM	0.3494 mL	1.7472 mL	3.4944 mL
		10 mM	0.1747 mL	0.8736 mL	1.7472 mL

Please refer to the solubility information to select the appropriate solvent

Biological Activity

Shortsummary	MEK 1/ MEK 2 inhibitor	
IC ₅₀ & Target	19 nM (MEK1), 47 nM (MEK2)	
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

1. White SM, Avantaggiati ML, et al. "YAP/TAZ Inhibition Induces Metabolic and Signaling Rewiring Resulting in Targetable Vulnerabilities in NF2-Deficient Tumor Cells." Dev Cell. 2019 May 6;49(3):425-443.e9.PMID:31063758

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEx BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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