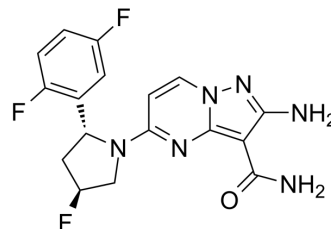


Emzeltrectinib

Cat. No.:	HY-152840		
CAS No.:	2223678-97-3		
Molecular Formula:	C ₁₇ H ₁₅ F ₃ N ₆ O		
Molecular Weight:	376.34		
Target:	c-Met/HGFR		
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 (265.72 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.6572 mL	13.2859 mL	26.5717 mL
		5 mM	0.5314 mL	2.6572 mL	5.3143 mL
10 mM		0.2657 mL	1.3286 mL	2.6572 mL	
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: ≥ 2.5 mg/mL (6.64 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (6.64 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.64 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Emzeltrectinib is a potent tyrosine kinase inhibitor with antineoplastic activity ^{[1][2]} .
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REFERENCES

[1]. Zhu Li, et al. Preparation of aminopyrazolopyrimidine compounds useful as neurotrophic factor tyrosine kinase receptor inhibitors: World Intellectual Property Organization, WO2018077246. 2018-05-03.

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

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