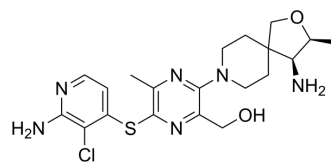


Vociprotafib

Cat. No.:	HY-141523		
CAS No.:	2172652-48-9		
Molecular Formula:	C ₂₀ H ₂₇ ClN ₆ O ₂ S		
Molecular Weight:	450.99		
Target:	Phosphatase; SHP2		
Pathway:	Metabolic Enzyme/Protease; 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 : 50 mg/mL (110.87 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.2173 mL	11.0867 mL	22.1734 mL
5 mM	0.4435 mL	2.2173 mL	4.4347 mL
10 mM	0.2217 mL	1.1087 mL	2.2173 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (5.54 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (5.54 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (5.54 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Vociprotafib (RMC-4630; SHP2-IN-7) is a SHP2 inhibitor extracted from patent WO2018013597^[1].

IC₅₀ & Target

SHP2^[1]

REFERENCES

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

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