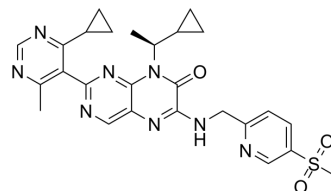


Bevurogant

Cat. No.:	HY-132810		
CAS No.:	1817773-66-2		
Molecular Formula:	C ₂₆ H ₂₈ N ₈ O ₃ S		
Molecular Weight:	532.62		
Target:	ROR		
Pathway:	Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor		
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 : 250 mg/mL (469.38 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.8775 mL	9.3876 mL	18.7751 mL
	5 mM	0.3755 mL	1.8775 mL	3.7550 mL
	10 mM	0.1878 mL	0.9388 mL	1.8775 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: ≥ 2.08 mg/mL (3.91 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (3.91 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Bevurogant (BI 730357) is a retinoid-related orphan receptor-gamma t (RORγt) antagonist. Bevurogant can be used for the research of chronic inflammatory diseases^[1].

REFERENCES

- [1]. BAKONYI J, et al. Compounds as modulators of ror gamma. US20150291607A1.

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

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