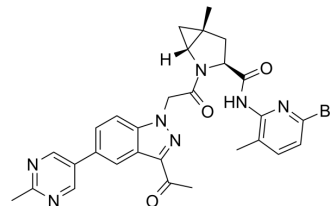


Vemircopan

Cat. No.:	HY-139588
CAS No.:	2086178-00-7
Molecular Formula:	C ₂₉ H ₂₈ BrN ₇ O ₃
Molecular Weight:	602.48
Target:	Complement System
Pathway:	Immunology/Inflammation
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (82.99 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		1.6598 mL	8.2990 mL	16.5981 mL
		5 mM		0.3320 mL	1.6598 mL	3.3196 mL
10 mM		0.1660 mL	0.8299 mL	1.6598 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: ≥ 1 mg/mL (1.66 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1 mg/mL (1.66 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1 mg/mL (1.66 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Vemircopan (ALXN2050) is an orally active complement factor D inhibitor ^[1] .
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REFERENCES

[1]. Claire L Harris, et al. Developments in anti-complement therapy; from disease to clinical trial. Mol Immunol. 2018 Oct;102:89-119.

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

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