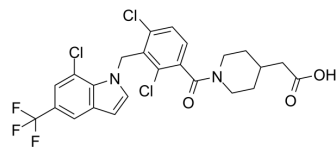


Cedirogant

Cat. No.:	HY-137434		
CAS No.:	2055496-11-0		
Molecular Formula:	C ₂₄ H ₂₀ Cl ₃ F ₃ N ₂ O ₃		
Molecular Weight:	547.78		
Target:	ROR		
Pathway:	Metabolic Enzyme/Protease		
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 (456.39 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	1.8256 mL	9.1278 mL	18.2555 mL
	5 mM	0.3651 mL	1.8256 mL	3.6511 mL
	10 mM	0.1826 mL	0.9128 mL	1.8256 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: ≥ 2.08 mg/mL (3.80 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (3.80 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	Cedirogant (ABBV-157) is an orally active ROR γ t inverse agonist. Cedirogant can be used for psoriasis research ^{[1][2]} .
IC₅₀ & Target	ROR γ t ^[1]
In Vitro	<p>The transcription factor retinoic acid-related orphan receptor gamma t (RORγt) has been identified as the master regulator of TH17 cell differentiation and IL-17/22 production and is therefore an attractive target for the treatment of inflammatory diseases. Cedirogant (ABBV-157) has the potential for chronic plaque psoriasis research^[1].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

[1]. Elena Campione, et al. Experimental Pharmacological Management of Psoriasis. J Exp Pharmacol. 2021 Jul 26;13:725-737.

[2]. Christian Gege. Retinoic acid-related orphan receptor gamma t (ROR γ t) inverse agonists/antagonists for the treatment of inflammatory diseases - where are we presently? Expert Opin Drug Discov. 2021 Jul 7;1-19.

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

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