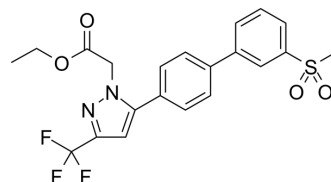


Rovazolac

Cat. No.:	HY-109073		
CAS No.:	1454288-88-0		
Molecular Formula:	C ₂₁ H ₁₉ F ₃ N ₂ O ₄ S		
Molecular Weight:	452.45		
Target:	LXR		
Pathway:	Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	Ethanol : 10 mg/mL (22.10 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.2102 mL	11.0509 mL	22.1019 mL
		5 mM	0.4420 mL	2.2102 mL	4.4204 mL
10 mM		0.2210 mL	1.1051 mL	2.2102 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% EtOH >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.53 mM); Clear solution 2. Add each solvent one by one: 10% EtOH >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.53 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Rovazolac is a liver x receptor (LXR) modulator extracted from patent WO2013130892A1.
IC₅₀ & Target	Target: LXR ^[1]
In Vitro	Rovazolac is an anti-inflammatory drug candidate ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

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