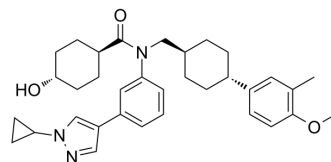


Omesdafexor

Cat. No.:	HY-147296		
CAS No.:	2244440-85-3		
Molecular Formula:	C ₃₄ H ₄₃ N ₃ O ₃		
Molecular Weight:	541.72		
Target:	FXR		
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 : 100 mg/mL (184.60 mM; Need ultrasonic)

Concentration	Solvent	Mass	Preparing Stock Solutions		
			1 mg	5 mg	10 mg
1 mM			1.8460 mL	9.2299 mL	18.4597 mL
5 mM			0.3692 mL	1.8460 mL	3.6919 mL
10 mM			0.1846 mL	0.9230 mL	1.8460 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 (4.61 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 2.5 mg/mL (4.61 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: 2.5 mg/mL (4.61 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

Omesdafexor is a FXR agonist. Omesdafexor can be used in the research of liver disease or a metabolic inflammation-mediated disease^{[1][2]}.

REFERENCES

[1]. [https://cdn.who.int/media/docs/default-source/international-nonproprietary-names-\(inn\)/pl127.pdf?sfvrsn=8544ca1e_3&download=true](https://cdn.who.int/media/docs/default-source/international-nonproprietary-names-(inn)/pl127.pdf?sfvrsn=8544ca1e_3&download=true)

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

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