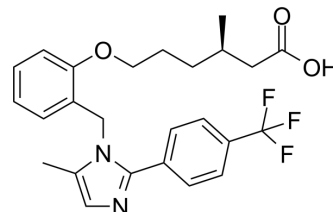


Bocidelpar

Cat. No.:	HY-134377		
CAS No.:	2095128-20-2		
Molecular Formula:	C ₂₅ H ₂₇ F ₃ N ₂ O ₃		
Molecular Weight:	460.49		
Target:	PPAR		
Pathway:	Cell Cycle/DNA Damage; 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 (542.90 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.1716 mL	10.8580 mL	21.7160 mL
		5 mM	0.4343 mL	2.1716 mL	4.3432 mL
10 mM		0.2172 mL	1.0858 mL	2.1716 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.08 mg/mL (4.52 mM); Suspended solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (4.52 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	Bocidelpar is a modulator of peroxisome proliferator-activated receptor delta (PPAR-δ). Bocidelpar improves mitochondrial biogenesis and function in Duchenne Muscular Dystrophy (DMD) muscle cells (extracted from patent WO2017062468A1, compound 2b) ^[1] .
IC₅₀ & Target	PPAR-δ ^[1]

REFERENCES

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

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