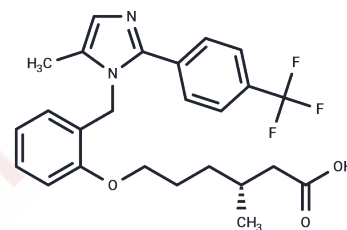


Bocidelpar

Chemical Properties

CAS No. :	2095128-20-2
Formula:	C ₂₅ H ₂₇ F ₃ N ₂ O ₃
Molecular Weight:	460.49
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Bocidelpar is a modulator of PPAR δ with an EC ₅₀ of 7.80 nM and improves mitochondrial biogenesis and function in Duchenne Muscular Dystrophy muscle cells.
Targets(IC ₅₀)	PPAR

Solubility Information

Solubility	DMSO: 50 mg/mL (108.58 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 2.5 mg/mL (5.43 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1716 mL	10.858 mL	21.716 mL
5 mM	0.4343 mL	2.1716 mL	4.3432 mL
10 mM	0.2172 mL	1.0858 mL	2.1716 mL
50 mM	0.0434 mL	0.2172 mL	0.4343 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Michael Downes, et al. Ppar agonists, compounds, pharmaceutical compositions, and methods of use thereof. Patent WO2017062468A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481