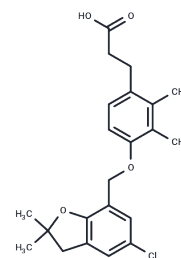


GPR120 Agonist 2

Chemical Properties

CAS No. :	1234844-11-1
Formula:	C ₂₂ H ₂₅ ClO ₄
Molecular Weight:	388.88
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	GPR120 Agonist 2 is a potent and selective GPR120 receptor agonist.
Targets(IC50)	GPCR

Solubility Information

Solubility	H ₂ O: < 0.1 mg/mL (insoluble), DMSO: 45 mg/mL (115.72 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (8.49 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	2.5715 mL	12.8574 mL	25.7149 mL
5 mM	0.5143 mL	2.5715 mL	5.143 mL
10 mM	0.2571 mL	1.2857 mL	2.5715 mL
50 mM	0.0514 mL	0.2571 mL	0.5143 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

Dong Fang Shi, et al. Gpr120 receptor agonists and uses thereof. US20110313003.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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