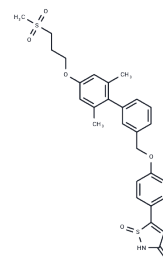


GPR40 Activator 2

Chemical Properties

CAS No. :	1312787-30-6
Formula:	C ₂₈ H ₂₉ NO ₆ S ₂
Molecular Weight:	539.66
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	GPR40 Activator 2 is a highly effective activator of the GPR40 receptor.
Targets(IC50)	Others, GPCR

Solubility Information

Solubility	DMSO: 125 mg/mL (231.63 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 3.3 mg/mL (6.11 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	1.853 mL	9.2651 mL	18.5302 mL
5 mM	0.3706 mL	1.853 mL	3.706 mL
10 mM	0.1853 mL	0.9265 mL	1.853 mL
50 mM	0.0371 mL	0.1853 mL	0.3706 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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