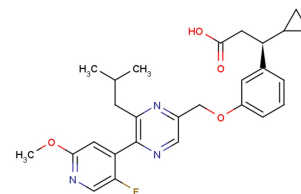


GPR40 agonist 1

Chemical Properties

CAS No.:	1853982-41-8
Formula:	C ₂₇ H ₃₀ FN ₃ O ₄
Molecular Weight:	479.54
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	GPR40 agonist 1 is an effective new GPR40 agonist (EC ₅₀ s: 17 nM and 2 nM for rGPR40 and hGPR40).
Targets(IC ₅₀)	hGPR40: (EC ₅₀)2 nM rGPR40: 17 nM (EC ₅₀)

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.085 mL	10.427 mL	20.853 mL
5 mM	0.417 mL	2.085 mL	4.171 mL
10 mM	0.209 mL	1.043 mL	2.085 mL
50 mM	0.042 mL	0.209 mL	0.417 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Meegalla SK, et al. Discovery of a novel potent GPR40 full agonist. Bioorg Med Chem Lett. 2018 Feb 15;28(4):720-726.

Inhibitors · Natural Compounds · Compound Libraries

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