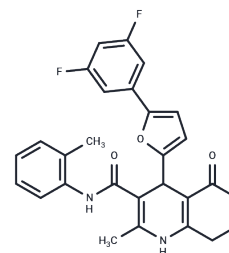


GPR41 modulator 1

Chemical Properties

CAS No. :	3050768-93-6
Formula:	C ₂₈ H ₂₄ F ₂ N ₂ O ₃
Molecular Weight:	474.50
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	GPR41 modulator 1 (compound 10ak) is a potent modulator of GPR41 with an EC ₅₀ value of 0.679 μ M, demonstrating agonistic modulating activity.
Targets(IC ₅₀)	GPCR
In vitro	GPR41 modulator 1 (compound 10ak) at a concentration of 1 μ M reduces propionate (10 mM)-induced cAMP levels in HEK293 cells.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1075 mL	10.5374 mL	21.0748 mL
5 mM	0.4215 mL	2.1075 mL	4.215 mL
10 mM	0.2107 mL	1.0537 mL	2.1075 mL
50 mM	0.0421 mL	0.2107 mL	0.4215 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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