

GPR41 agonist-1

Chemical Properties

CAS No. : 506417-09-0

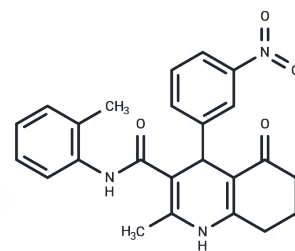
Formula: C₂₄H₂₃N₃O₄

Molecular Weight: 417.46

Store at low temperature

Storage: Pure form: -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 agonist-1 is a GPR41 agonist, useful for studying metabolic diseases such as diabetes and obesity.
Targets(IC50)	Others,GPCR

Solubility Information

Solubility	DMSO: 8 mg/mL (19.16 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3954 mL	11.9772 mL	23.9544 mL
5 mM	0.4791 mL	2.3954 mL	4.7909 mL
10 mM	0.2395 mL	1.1977 mL	2.3954 mL
50 mM	0.0479 mL	0.2395 mL	0.4791 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

James N, et al. Gpr41 and modulators thereof for the treatment of insulin-related disorders. WO2006052566A2.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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