

GPR40 agonist 5

Chemical Properties

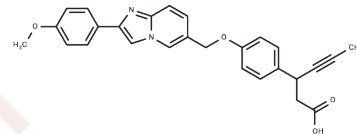
CAS No. : 2443384-60-7

Formula: C₂₇H₂₄N₂O₄

Molecular Weight: 440.49

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 agonist 5 is an orally active GPR40 (G protein-coupled receptor 40) agonist (EC ₅₀ : 47 nM). gPR40 agonist 5 reduces blood glucose levels and improves glucose tolerance. gPR40 agonist 5 shows adequate control of hyperglycemic state in type 2 diabetic mice. |
| Targets(IC ₅₀) | Others,GPCR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 2.2702 mL | 11.351 mL | 22.702 mL |
| 5 mM | 0.454 mL | 2.2702 mL | 4.5404 mL |
| 10 mM | 0.227 mL | 1.1351 mL | 2.2702 mL |
| 50 mM | 0.0454 mL | 0.227 mL | 0.454 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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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481