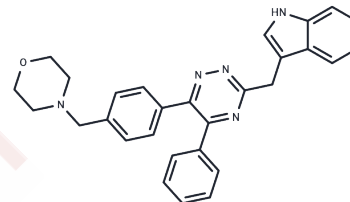


GPR84 antagonist 3

Chemical Properties

CAS No. : 2815263-05-7
 Formula: C₂₉H₂₇N₅O
 Molecular Weight: 461.56
 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	GPR84 Antagonist 3 (compound 42), a potent inhibitor of the G-protein-coupled receptor 84 (GPR84), exhibits a pIC ₅₀ value of 8.28, indicating strong antagonistic activity by inhibiting GTPγS. Additionally, it possesses a favorable pharmacokinetic profile, suitable for further research and development [1].
Targets(IC ₅₀)	Others, GPCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1666 mL	10.8328 mL	21.6657 mL
5 mM	0.4333 mL	2.1666 mL	4.3331 mL
10 mM	0.2167 mL	1.0833 mL	2.1666 mL
50 mM	0.0433 mL	0.2167 mL	0.4333 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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