

GPR17 modulator-1

Chemical Properties

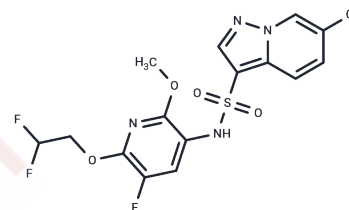
CAS No. : 3039853-91-0

Formula: C₁₅H₁₂ClF₃N₄O₄S

Molecular Weight: 436.79

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	GPR17 Modulator-1 (Compound 2-046) is a regulator of the G protein-coupled receptor 17 (GPR17), displaying an IC ₅₀ of less than 10 nM against hGPR17 in CHO cells. This compound exhibits moderate pharmacokinetic properties in mice and possesses the ability to permeate the blood-brain barrier (BBB).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2894 mL	11.4471 mL	22.8943 mL
5 mM	0.4579 mL	2.2894 mL	4.5789 mL
10 mM	0.2289 mL	1.1447 mL	2.2894 mL
50 mM	0.0458 mL	0.2289 mL	0.4579 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