

GPR139 agonist-2

Chemical Properties

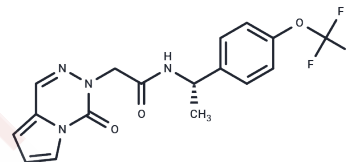
CAS No. : 2983118-29-0

Formula: C17H15F3N4O3

Molecular Weight: 380.32

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	GPR139 agonist-2 (compound 20a), a potent GPR139 agonist with an EC ₅₀ of 24.7 nM, has demonstrated efficacy in rescuing social interaction deficits and alleviating cognitive deficits in murine schizophrenia models, indicating its potential in antischizophrenia drug research [1].
Targets(IC50)	Others,GPCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6294 mL	13.1468 mL	26.2936 mL
5 mM	0.5259 mL	2.6294 mL	5.2587 mL
10 mM	0.2629 mL	1.3147 mL	2.6294 mL
50 mM	0.0526 mL	0.2629 mL	0.5259 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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