

PSB-CB5

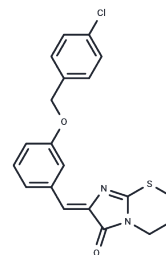
Chemical Properties

CAS No. : 1627710-30-8

Formula: C₂₀H₁₇ClN₂O₂S

Molecular Weight: 384.88

Storage: Store at low temperature, Keep away from direct sunlight
 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	PSB-CB5 (GPR18-IN-32) ₂ is a GPR18 antagonist with anti-inflammatory activity and can be used to study obesity and metabolic disorders.
Targets(IC ₅₀)	Cannabinoid Receptor, Others, GPCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5982 mL	12.9911 mL	25.9821 mL
5 mM	0.5196 mL	2.5982 mL	5.1964 mL
10 mM	0.2598 mL	1.2991 mL	2.5982 mL
50 mM	0.052 mL	0.2598 mL	0.5196 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

- Kotańska M, et al. Effects of GPR18 Ligands on Body Weight and Metabolic Parameters in a Female Rat Model of Excessive Eating. *Pharmaceuticals (Basel)*. 2021;14(3):270.
 Hermes DJ, et al. GPR18 drives FAAH inhibition-induced neuroprotection against HIV-1 Tat-induced neurodegeneration. *Exp Neurol*. 2021 Jul;341:113699.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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