

TM38837

Chemical Properties

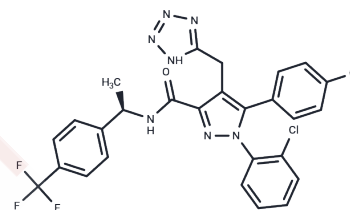
CAS No. : 1034264-77-1

Formula: C₂₇H₂₀Cl₂F₃N₇O

Molecular Weight: 586.40

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	CB1 antagonist 4 is an inverse agonist of cannabinoid receptor 1 (CB1) with an IC ₅₀ of 0.4 nM. It can reduce body weight, improve plasma inflammatory markers, and enhance glucose homeostasis [1].
Targets(IC ₅₀)	Cannabinoid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7053 mL	8.5266 mL	17.0532 mL
5 mM	0.3411 mL	1.7053 mL	3.4106 mL
10 mM	0.1705 mL	0.8527 mL	1.7053 mL
50 mM	0.0341 mL	0.1705 mL	0.3411 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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