

CB1/2 agonist 1

Chemical Properties

CAS No. :

Formula: C₂₁H₂₄BrFN₂O₂

Molecular Weight: 435.33

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	CB1/2 agonist 1 is a potent CB1/2 agonist that crosses the blood-brain barrier, acting on CB1R (EC ₅₀ : 56.15 nM) and CB2R (EC ₅₀ : 11.63 nM). It reduces glutamate release and LPS-induced microglia activation, exhibiting anti-inflammatory and analgesic activities, with potential for multiple sclerosis studies.
Targets(IC ₅₀)	Cannabinoid Receptor,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2971 mL	11.4855 mL	22.9711 mL
5 mM	0.4594 mL	2.2971 mL	4.5942 mL
10 mM	0.2297 mL	1.1486 mL	2.2971 mL
50 mM	0.0459 mL	0.2297 mL	0.4594 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.

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