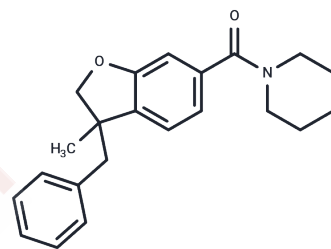


MDA7

Chemical Properties

CAS No. : 1103840-28-3
 Formula: C₂₂H₂₅NO₂
 Molecular Weight: 335.439
 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	MDA7 is a selective agonist of the cannabinoid receptor 2 (CB ₂), demonstrating an EC ₅₀ of 128 nM in human CB ₂ receptors and 67.4 nM in rat CB ₂ receptors. The compound exhibits good affinity for CB ₂ receptors, with K _i values of 422 nM for humans and 238 nM for rats. In rat models, MDA7 shows analgesic activity.
Targets(IC ₅₀)	Cannabinoid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9812 mL	14.9058 mL	29.8116 mL
5 mM	0.5962 mL	2.9812 mL	5.9623 mL
10 mM	0.2981 mL	1.4906 mL	2.9812 mL
50 mM	0.0596 mL	0.2981 mL	0.5962 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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