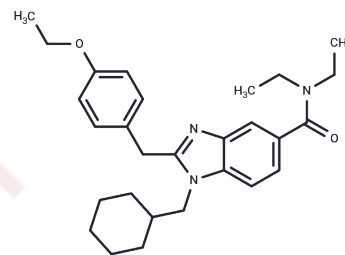


MCHB-1

Chemical Properties

CAS No. :	1046140-32-2
Formula:	C ₂₈ H ₃₇ N ₃ O ₂
Molecular Weight:	447.623
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	MCHB-1, a potent agonist of the human cannabinoid 2 (CB2) receptor (EC ₅₀ = 0.52 nM), demonstrates high selectivity for CB2 over CB1 (K _i = 3.7 and 110 nM, respectively), distinguishing itself from similar benzimidazole compounds that significantly alleviate peripheral pain while minimizing central nervous system side effects in mice.
Targets(IC50)	Cannabinoid Receptor,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.234 mL	11.1702 mL	22.3404 mL
5 mM	0.4468 mL	2.234 mL	4.4681 mL
10 mM	0.2234 mL	1.117 mL	2.234 mL
50 mM	0.0447 mL	0.2234 mL	0.4468 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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