

AM11542

Chemical Properties

CAS No. :	152674-95-8
Formula:	C ₂₅ H ₃₇ BrO ₂
Molecular Weight:	449.47
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	AM11542 acts as an orthosteric agonist of the cannabinoid receptor 1 (CB1), exhibiting a binding affinity with a K_i of 0.11 nM. It is useful in the investigation of CB1 receptor activation and its associated allosteric modulation mechanisms.
Targets(IC50)	Cannabinoid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2248 mL	11.1242 mL	22.2484 mL
5 mM	0.445 mL	2.2248 mL	4.4497 mL
10 mM	0.2225 mL	1.1124 mL	2.2248 mL
50 mM	0.0445 mL	0.2225 mL	0.445 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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