

GABAA receptor agonist 2

Chemical Properties

CAS No. :

Formula: C₂₂H₃₆O₅

Molecular Weight: 380.52

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	GABAA receptor agonist 2 (compound 4c) is a highly potent compound that exhibits anti-depressive properties in classical mouse models of depression, such as the FST and TST. By binding to the GABA binding site on the GABAA receptor, it produces GABAergic effects. Notably, compound 4c holds promise for depression research [1].
Targets(IC50)	Others,GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.628 mL	13.1399 mL	26.2798 mL
5 mM	0.5256 mL	2.628 mL	5.256 mL
10 mM	0.2628 mL	1.314 mL	2.628 mL
50 mM	0.0526 mL	0.2628 mL	0.5256 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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