

GABAA receptor modulator-3

Chemical Properties

CAS No. :

Formula: C₁₈H₂₂O₂

Molecular Weight: 270.37

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 modulator-3 (compound 3b) is a positive allosteric modulator (PAM). It inhibits the peak current and steady-state current of $\alpha 1\beta 3\gamma 2$ GABAAR with IC ₅₀ values of 671 μ M and 64 μ M, respectively.
Targets(IC ₅₀)	GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6986 mL	18.4932 mL	36.9864 mL
5 mM	0.7397 mL	3.6986 mL	7.3973 mL
10 mM	0.3699 mL	1.8493 mL	3.6986 mL
50 mM	0.074 mL	0.3699 mL	0.7397 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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