

3-Methyl-GABA

Chemical Properties

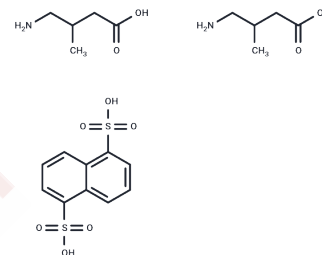
CAS No. : 1216629-00-3

Formula: C₂₀H₃₀N₂O₁₀S₂

Molecular Weight: 522.59

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	3-Methyl-GABA, an anticonvulsant agent [1] [2], acts as a potent activator of GABA aminotransferase, fits the binding pocket of the GABA A receptor (GABA _A R), and activates L-glutamic acid decarboxylase (GAD).
Targets(IC50)	Others,GABA Receptor
In vitro	The activation of GAD exhibits stereoselectivity, preferring the R isomer of 3-methyl GABA over the corresponding S isomer [1].

Solubility Information

Solubility	H ₂ O: 100 mM,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9135 mL	9.5677 mL	19.1355 mL
5 mM	0.3827 mL	1.9135 mL	3.8271 mL
10 mM	0.1914 mL	0.9568 mL	1.9135 mL
50 mM	0.0383 mL	0.1914 mL	0.3827 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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