

Guvacine

Chemical Properties

CAS No. : 498-96-4

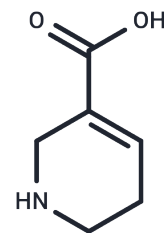
Formula: C₆H₉NO₂

Molecular Weight: 127.14

Storage: Keep away from direct sunlight, Store at low temperature

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	Guvacine is a natural alkaloid and selective GAT (GABA transporter) inhibitor, serving as a lead structure for GAT inhibitors with psychoactive properties.
Targets(IC50)	GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.8653 mL	39.3267 mL	78.6535 mL
5 mM	1.5731 mL	7.8653 mL	15.7307 mL
10 mM	0.7865 mL	3.9327 mL	7.8653 mL
50 mM	0.1573 mL	0.7865 mL	1.5731 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.

Reference

L A Borden, et al. Tiagabine, SK&F 89976-A, CI-966, and NNC-711 are selective for the cloned GABA transporter GAT-1. Eur J Pharmacol. 1994 Oct 14;269(2):219-24.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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