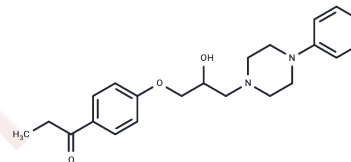


Centpropazine

Chemical Properties

CAS No. : 91315-34-3
 Formula: C₂₂H₂₈N₂O₃
 Molecular Weight: 368.469
 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	Centpropazine (CNPZ) is a non-selective antagonist of serotonin (5-HT ₁ /5-HT ₂) and adrenergic (α ₁) receptors. It exhibits antidepressant effects by modulating monoamine neurotransmission, particularly by reducing the reuptake of serotonin and norepinephrine. Centpropazine holds potential for research in the treatment of depression.
Targets(IC ₅₀)	5-HT Receptor, Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7139 mL	13.5696 mL	27.1393 mL
5 mM	0.5428 mL	2.7139 mL	5.4279 mL
10 mM	0.2714 mL	1.357 mL	2.7139 mL
50 mM	0.0543 mL	0.2714 mL	0.5428 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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