

CI 169369

Chemical Properties

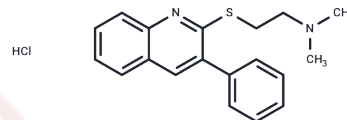
CAS No. : 85273-96-7

Formula: C₁₉H₂₁ClN₂S

Molecular Weight: 344.9

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	CI 169369 is a selective 5-HT ₂ receptor antagonist used in the study of anxiety and depression.
Targets(IC ₅₀)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8994 mL	14.497 mL	28.9939 mL
5 mM	0.5799 mL	2.8994 mL	5.7988 mL
10 mM	0.2899 mL	1.4497 mL	2.8994 mL
50 mM	0.058 mL	0.2899 mL	0.5799 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

Teitler M, et al. Clozapine and other competitive antagonists reactivate risperidone-inactivated h5-HT₇ receptors: radioligand binding and functional evidence for GPCR homodimer protomer interactions. *Psychopharmacology (Berl)*. 2010 Dec;212(4):687-97.

McDonald LM, et al. Enhancement of latent inhibition by two 5-HT_{2A} receptor antagonists only when given at both pre-exposure and conditioning. *Psychopharmacology (Berl)*. 2003 Sep;169(3-4):321-31.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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