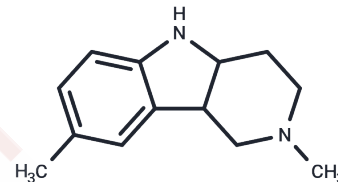


Dicarbine

Chemical Properties

CAS No. : 17411-19-7
 Formula: C₁₃H₁₈N₂
 Molecular Weight: 202.3
 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	Double carbene can be used for the study of schizophrenia and alcoholism. It can block dopamine receptors in various parts of the brain and prevent the reduction of conditioned defense reflexes caused by the stimulation of the mid-brain part of the network structure.
Targets(IC50)	Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9432 mL	24.7158 mL	49.4315 mL
5 mM	0.9886 mL	4.9432 mL	9.8863 mL
10 mM	0.4943 mL	2.4716 mL	4.9432 mL
50 mM	0.0989 mL	0.4943 mL	0.9886 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

Barkov NK, et al. [Effect of carbidine on conditioned defense reflexes]. Biull Eksp Biol Med. 1975 Apr;79(4):61-4.
 DICARBINE

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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