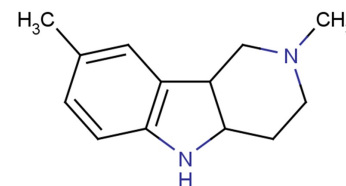


Data Sheet (Cat.No.T13652)

Dicarbine

Chemical Properties

CAS No.:	17411-19-7
Formula:	C13H18N2
Molecular Weight:	202.3
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



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(IC ₅₀)	Dopamine: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.943 mL	24.716 mL	49.432 mL
5 mM	0.989 mL	4.943 mL	9.886 mL
10 mM	0.494 mL	2.472 mL	4.943 mL
50 mM	0.099 mL	0.494 mL	0.989 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

Inhibitors · Natural Compounds · Compound Libraries

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