

Dimetacrine

Catalog No: tcsc0017455



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg



Specifications

CAS No:

4757-55-5

Formula:

$C_{20}H_{26}N_2$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

Dimethacrine

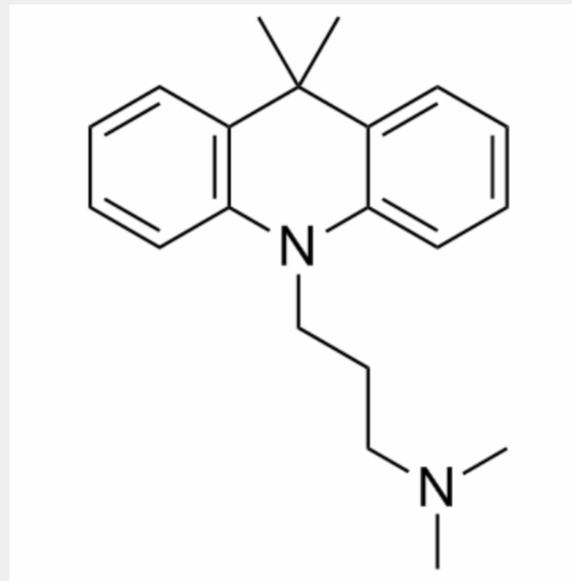
Observed Molecular Weight:

294.43

Product Description

Dimetacrine is a useful antidepressant which can be used for the treatment of various types of depression.

In Vivo: Dimetacrine is a useful antidepressant which can be used for the treatment of various types of depression. Dimetacrine in the highest concentration, 10 μM , decreases the contractile force to $36.5 \pm 9.1\%$. Dimetacrine, 0.3 μM , causes no statistically significant decline in contractile force from the controls. Tachycardia is observed after the administration of Dimetacrine, 1 to 3 mg/kg i.v., and the maximum response is obtained in dose of 3 mg/kg i.v.. The administration of Dimetacrine, 30 mg/kg i.v., causes an abrupt fall in blood pressure with tachycardia or bradycardia followed by cardiac arrest. Respiratory rate increases 40 min after the onset of infusion of Dimetacrine. Arterial blood pressure falls 50 min after the onset of infusion of Dimetacrine^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!