

Product Name	: Cyamemazine
Synonyms	: —
Cat No.	: M33329
CAS Number	: 3546-03-0
Molecular Formula	: C ₁₉ H ₂₁ N ₃ S
Formula Weight	: 323.46
Chemical Name	: —
Description	Cyamemazine is a neuroleptic agent that contains the phenothiazine chromophore. Cyamemazine is often used as an anxiolytic. Cyamemazine is a potent 5-HT ₃ (K _i of 12 nM), 5-HT _{2A} (K _i = 1.5 nM) and 5-HT _{2C} (K _i of 75 nM) receptors antagonist with antipsychotic activity.
Pathway	: GPCR/G Protein
Target	: 5-HT Receptor
Receptor	: 5-HT Receptor
Solubility	: In Vitro: ?DMSO : 100 mg/mL (309.16 mM; Ultrasonic)
SMILES	: <chem>N#CC1=CC=C2SC=CC=CC3N(C2=C1)CC(C)CN(C)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Bourin M, et al. Preclinical and clinical pharmacology of cyamemazine: anxiolytic effects and prevention of alcohol and benzodiazepine withdrawal syndrome. CNS Drug Rev. 2004 Fall;10(3):219-29.?