

Mirtazapine

Catalog No: #S0137

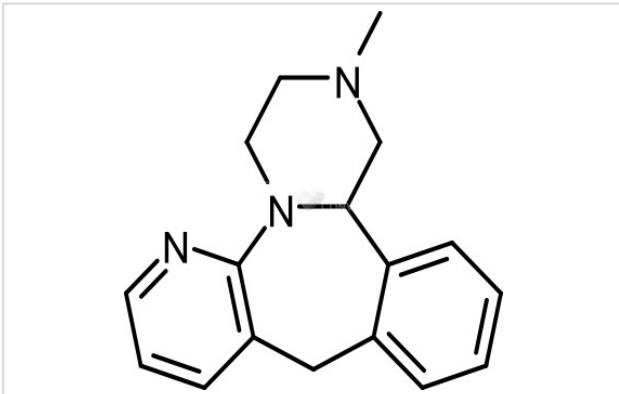
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Description

Product Name	Mirtazapine
Brief Description	Inhibitors
Purification	99.71%
Target Name	5-HT Receptor antagonist; Adrenergic Receptor antagonist; Dopamine Receptor antagonist; Opioid Receptor agonist
Calculated MW	265.35
Formulation	C17H19N3
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Nervous system
 SMILES: CN1CCN2C(C1)C1=CC=CC=C1CC1=C2N=CC=C1
 Pathways: Endocrinology/Hormones; Neuroscience; GPCR/G Protein Receptor: 5-HT; HT; Sert (Sodium-dependent); Adrenergic Receptor; DA transporter; Dopamine; κ -opioid receptor
 Boiling pt: 432.4°C
 Melting pt: 114-116°C
 Solubility: Ethanol: 53 mg/mL (199.73 mM); DMSO: 53 mg/mL (199.73 mM)
 Appearance: White Powder
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

References

1. Laakmann G, et al. Psychoneuroendocrinology. 1999 Oct; 24(7):769-84.

Note: This product is for in vitro research use only