

Maprotiline hydrochloride

Catalog No: #S0172

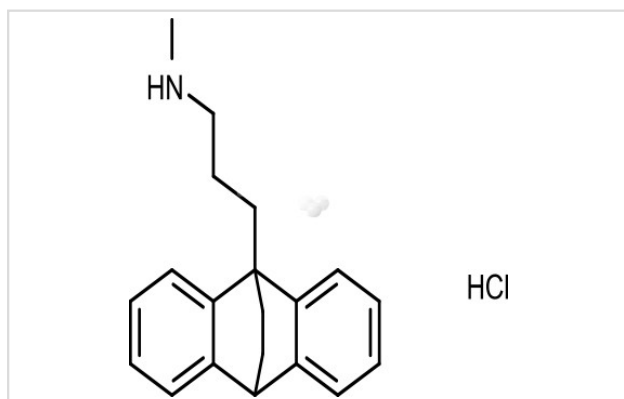
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Description

Product Name	Maprotiline hydrochloride
Brief Description	Inhibitors
Purification	99.50%
Target Name	5-HT Receptor antagonist; AChR antagonist; Adrenergic Receptor antagonist; Histamine Receptor antagonist; Norepinephrine inhibitor
Calculated MW	313.86
Formulation	C20H24ClN
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Nervous system
 SMILES: Cl.CNCCCC12CCC(C3=CC=CC=C13)C1=CC=CC=C2
 Pathways: GPCR/G Protein; Neuroscience; Immunology/Inflammation
 Receptor: 5-HT; mAChR; Adrenergic Receptor; H1 receptor; Noradrenaline transporter (Sodium-dependent)
 Boiling pt: 399.6°C
 Melting pt: 230-232°C
 Solubility: Ethanol: 24 mg/mL (76.46 mM); DMSO: 63 mg/mL (200.72 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. Buckley NA, McManus PR. Drug Saf. 1998 May;18(5):369-81.

Note: This product is for in vitro research use only