

Memantine hydrochloride

Catalog No: #S1443

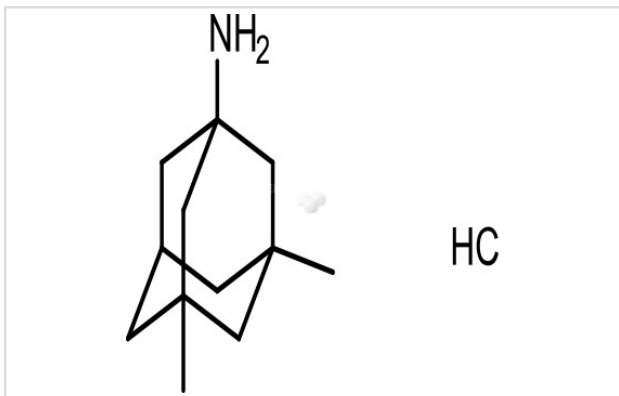
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Description

Product Name	Memantine hydrochloride
Brief Description	Inhibitors
Purification	98.00%
Target Name	GluR inhibitor; NMDAR inhibitor; Others antagonist
Calculated MW	215.76
Formulation	C12H22ClN
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Nervous system
 SMILES: Cl.CC12CC3CC(C)(C1)CC(N)(C3)C2
 Pathways: Neuroscience; Others
 Receptor: AMPA; NMDA receptor; Kainate receptor
 Boiling pt: 239.8°C
 Melting pt: 292°C
 Solubility: Ethanol: 43 mg/mL (199.29 mM); Water: 30 mg/mL (139.04 mM); DMSO: 43 mg/mL (199.29 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. Bresink I, et al. British journal of pharmacology, 1996, 119(2): 195-204.

Note: This product is for in vitro research use only