

Amitriptyline hydrochloride

Catalog No: #S0678

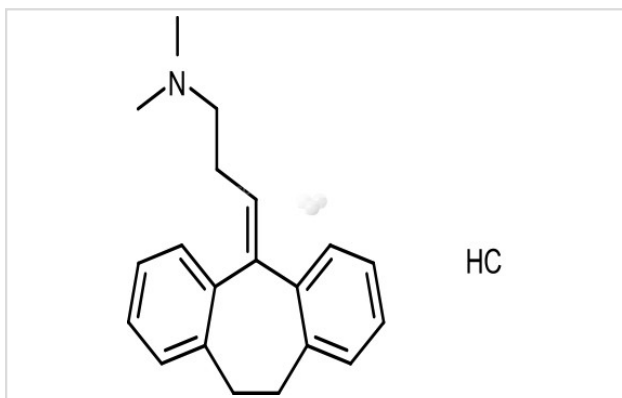
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Description

Product Name	Amitriptyline hydrochloride
Brief Description	Inhibitors
Purification	99.87%
Target Name	5-HT Receptor antagonist; Norepinephrine inhibitor; Sigma receptor inhibitor
Calculated MW	313.86
Formulation	C ₂₀ H ₂₄ ClN
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Nervous system
 SMILES: CN(C)CCC=C1C2=CC=CC=C2CCC2=CC=CC=C12
 Pathways: GPCR/G Protein;
 Neuroscience Receptor: 5-HT; 5-HT₂; 5-HT₄; Norepinephrine receptor; σ 1
 Boling pt: Melting pt: 196-197°C
 Solubility: Ethanol: 63 mg/mL (200.72 mM);
 Water: 15 mg/mL (47.79 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. Vaishnavi SN, et al. Biol Psychiatry. 2004 Feb 1;55(3):320-2.

Note: This product is for in vitro research use only