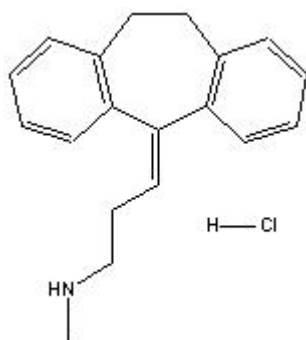


TECHNICAL INFORMATION

Catalog Number: 153555
Nortriptyline hydrochloride

Structure:



Molecular Formula: C₁₉H₂₁N · HCl

Molecular Weight: 299.8

CAS # : 894-71-3

Synonym: 3-{10,11-Dihydro-5H-dibenzo[a,d]cyclohepten-5-ylidene)-N-methyl-1-propanamine hydrochloride

Physical Appearance: White to off white crystalline powder

Description: Tricyclic antidepressant; A morepinephrine uptake inhibitor.

Storage: Store tightly sealed at room temperature, protected from exposure to light.

Solubility: Soluble in water, chloroform; sparingly soluble in methal; practically insoluble in ether, benzene.

References:

- *Merck Index 12th Ed.*, No. 6812
- *Goodman and Gilman's the Pharmacological Basis of Therapeutics 9th Ed.*, pp. 432,434, 436, 1734 (1996)
- Mellstroem, B., Bertilsson, L., Birgersson, C. et al. "E- and Z-10-hydroxylation of nortriptyline by human liver microsomes-methods and characterization." *Drug Metab.Dispos.* **11**, 115 (1983)
- Alvan, g., Borga, O., Lind, M. et al. "First pass hydroxylation of nortriptyline: Concentrations of parent drug and major metabolites in plasma." *Eur.J.Clin.Parmacol.* **11**, 219-224 (1977)
- Lassen, N., Perregaard, J. "Synthesis and NMR studies of Z- and E-isomers of 10-oxo and 10-hydroxy derivatives of amitriptyline and nortriptyline." *ActaChem.ScandB* **37**, 335 (1983)