

Product Name : Desipramine hydrochloride

Synonyms : —

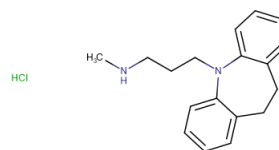
Cat No. : M15138

CAS Number : 58-28-6

Molecular Formula : C₁₈H₂₃ClN₂

Formula Weight : 302.84

Chemical Name : —



Description : A tricyclic dibenzazepine compound that potentiates neurotransmission. Desipramine selectively blocks reuptake of norepinephrine from the neural synapse, and also appears to impair serotonin transport. This compound also possesses minor anticholinergic activity, through its affinity to muscarinic receptors.

Pathway : Endocrinology/Hormones

Target : 5-HT Receptor

Receptor : 5-HT; Adrenergic Receptor

Solubility : Soluble in DMSO

SMILES : Cl.CNCCCN1C2=CC=CC=C2CCC2=CC=CC=C12

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Zavosh A, et al. Brain Res Bull. 1999 Jul 1;49(4):291-5.