

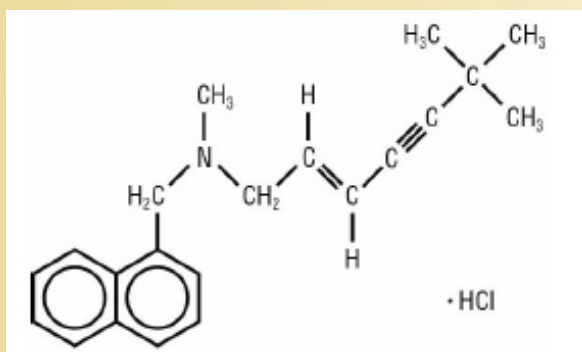
## Terbinafine Hcl (Cas No 78628-80-5)



Terbinafine HCl

CAS number 78628-80-5

Formula Structure :



Systematic (IUPAC) name

[(2E)-6,6-dimethylhept-2-en-4-yn-1-yl](methyl)(naphthalen-1-ylmethyl)amine

Identifiers

CAS number 78628-80-5

ATC code D01AE15 D01BA02

PubChem 5402

DrugBank APRD00508

ChemSpider 1266005

Chemical data

Formula C<sub>21</sub>H<sub>25</sub>N Mol. mass 291.43 g/mol

SMILES eMolecules & PubChem

Pharmacokinetic data

Bioavailability Readily absorbed

Protein binding >99%

Metabolism Hepatic

Half life 36 hours

Terbinafine Hydrochloride contain the synthetic allylamine antifungal compound terbinafine hydrochloride.

Chemically, terbinafine hydrochloride is (E)-N-(6,6-dimethyl-2-hepten-4-ynyl)-N-methyl -1- naphthalenemethanamine hydrochloride.

The empirical formula C<sub>21</sub>H<sub>26</sub>ClN with a molecular weight of 327.90.

Terbinafine hydrochloride is a white to off-white fine crystalline powder.

It is freely soluble in methanol and methylene chloride, soluble in ethanol, and slightly soluble in water