

Product Name : Clotrimazole

Synonyms : BAY-B-5087; Canesten; NSC 257473

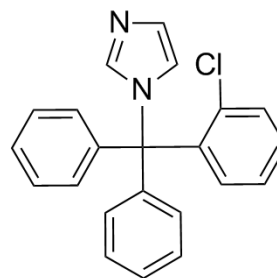
Cat No. : M13677

CAS Number : 23593-75-1

Molecular Formula : C₂₂H₁₇ClN₂

Formula Weight : 344.84

Chemical Name : 1H-Imidazole, 1-[(2-chlorophenyl)diphenylmethyl]-



Description : An antifungal agent that works by altering the permeability of the fungal cell wall; binds to phospholipids in the cell membrane and inhibits the biosynthesis of ergosterol and other sterols required for cell membrane production.

Pathway : Microbiology/Virology

Target : Fungal

Receptor : 14- α Demethylase

Solubility : 10 mM in DMSO

SMILES : C1=CC=C(C=C1)C(C2=CC=CC=C2)(C3=CC=CC=C3Cl)N4C=CN=C4

Storage : (-20°C)

Stability : ≥ 2 years

Reference :