

Product Name : Posaconazole

Synonyms : SCH-56592

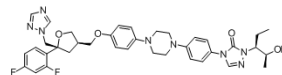
Cat No. : M12610

CAS Number : 171228-49-2

Molecular Formula : C₃₇H₄₂F₂N₈O₄

Formula Weight : 700.78

Chemical Name : D-threo-Pentitol, 2,5-anhydro-1,3,4-trideoxy-2-C-(2,4-difluorophenyl)-4-[[4-[4-[4-[1-[(1S,2S)-1-ethyl-2-hydroxypropyl]-1,5-dihydro-5-oxo-4H-1,2,4-triazol-4-yl]phenyl]-1-piperazinyl]phenoxy]methyl]-1-(1H-1,2,4-triazol-1-yl)-



Description : A triazole antifungal agent that blocks the synthesis of ergosterol by inhibiting of the enzyme lanosterol 14 α -demethylase and accumulation of methylated sterol precursors, more potent at inhibiting 14 α -demethylase than itraconazole. Fungal Infection Approved

Pathway : Microbiology/Virology

Target : Fungal

Receptor : Others

Solubility : 10 mM in DMSO

SMILES : O=C1N([C@@H](CC)[C@@H](O)C)N=CN1C2=CC=C(N3CCN(C4=CC=C(OC[C@@H]5CO[C@@](CN6N=CN=C6)(C7=CC=C(F)C=C7F)C5)C=C4)CC3)C=C2

Storage : (-20°C)

Stability : ≥ 2 years

Reference :