

# Itraconazole

英文名: Itraconazole

别名: 亚特那唑;依他康唑;斯皮仁诺;4-[4-[4-[4-[[2-(2,4-二氯苯基)-2-(1H-1,2,4-三唑-1-基甲基)-1,3-二氧戊环-4-基]甲氧基]苯基]-1-哌嗪基]苯基]-2,4-二氢-2-(1-甲基丙基)-3H-1,2,4-三唑-3-酮;伊曲康唑;Oriconazole;R51211;Sporanox

CAS 号: 84625-61-6

分子式: C<sub>35</sub>H<sub>38</sub>Cl<sub>2</sub>N<sub>8</sub>O<sub>4</sub>

分子量: 705.63

MDL 号: MFCD00870168

属性

溶解性: Soluble in chloroform (50 mg/ml), DMF (~0.5 mg/ml), DMSO (50 mM), water (<1 mg/ml at 25 ° C), and ethanol (10 mM, with warming).

敏感性: 对热敏感

存贮条件: 储存温度 2-8°C

描述

产品介绍: Itraconazole is a triazole antifungal agent. It inhibits the fungal CYP(cytochrome P450) oxidase-mediated synthesis of ergosterol. Itraconazole also acts as an effective hedgehog signaling inhibitor in a Ptch-independent manner, presumably by binding smoothed (Smo) at a site distinct from that targeted by cyclopamine and SAG. Itraconazole is an inhibitor of CYP3A4.

用途: A triazole antifungal agent

