Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

(+) -Ketoconazole

Catalog No: tcsc1846

Available Sizes

Size: 10mg

Size: 50mg

Size: 1g

Size: 5g

Specifications

CAS No:
142128-59-4

Formula:
$C_{26}H_{28}Cl_2N_4O_4$

Pathway:
Anti-infection;Metabolic Enzyme/Protease

Target:
Fungal;Cytochrome P450

Purity / Grade:
>98%

Solubility:
10 mM in DMSO

Observed Molecular Weight:
531.43

Product Description

(+)-Ketoconazole is an imidazole anti-fungal agent, a CYP3A4 inhibitor.

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Target: CYP3A4

(+)-Ketoconazole, an imidazole anti-fungal agent, has often produced features of androgen deficiency including decreased libido, gynecomastia, impotence, oligospermia, and decreased testosterone levels, in men being treated for chronic mycotic infections [1]. (+)-Ketoconazole also is a cytochrome P450 inhibitor [2].

(+)-Ketoconazole (KTZ), on the antischistosomal potential of these quinolines against Schistosoma mansoni infection by evaluating parasitological, histopathological, and biochemical parameters. Mice were classified into 7 groups: uninfected untreated (I), infected untreated (II), infected treated orally with PZQ (1,000 mg/kg) (III), QN (400 mg/kg) (IV), KTZ (10 mg/kg)+QN as group IV (V), HF (400 mg/kg) (VI), and KTZ (as group V)+HF (as group VI) (VII). KTZ plus QN or HF produced more inhibition (P
Clinical indications: Candida infection; Dermatophytosis; Folliculitis

FDA Approved Date:

Toxicity: teratogenesis; liver injuries; adrenal gland problems