

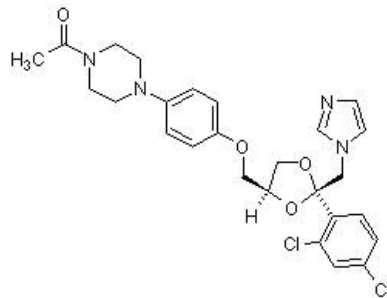
Product datasheet

Ketoconazole, cytochrome P450 inhibitor ab120620

1 References 1 Image

Overview

Product name	Ketoconazole, cytochrome P450 inhibitor
Description	Potent cytochrome P450 inhibitor. Antifungal agent.
Biological description	Potent cytochrome P450 inhibitor (K_i values are 26.7 and 109 nM at CYP3A4 and CYP3A5, respectively). Antifungal agent. Additionally, shows activity at human androgen receptors.
Purity	> 99%
CAS Number	65277-42-1
Chemical structure	



Properties

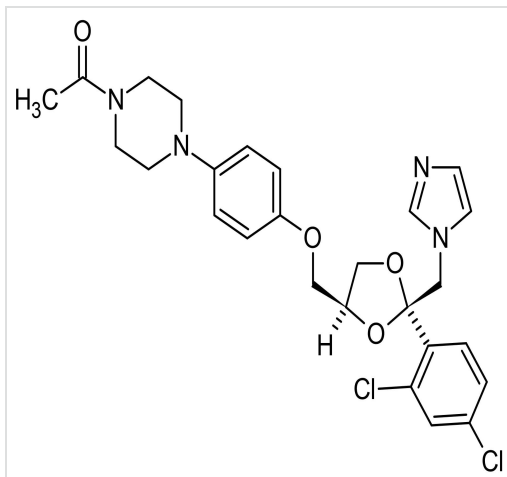
Chemical name	(±)- <i>cis</i> -1-Acetyl-4-[4-[[2-(2,4-dichlorophenyl)-2-(1 <i>H</i> -imidazol-1-yl)methyl]-1,3-dioxolan-4-yl]methoxy]phenyl]piperazine
Molecular weight	531.44
Molecular formula	$C_{26}H_{28}Cl_2N_4O_4$
PubChem identifier	456201
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 75 mM and in ethanol to 50 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions

(FAQ) page for more details.

Source

Synthetic

Images



2D chemical structure image of ab120620, Ketoconazole, cytochrome P450 inhibitor

Chemical Structure - Ketoconazole, cytochrome P450 inhibitor (ab120620)

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