	<i>KETOCONAZOLE</i>
<i>Common Technical Document Module 2.6</i>	Non-Clinical Summary Updated, September 2024
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All redactions
under Section 41
and Section 43 of
the Freedom of
Information Act.

KETOCONAZOLE

shampoo 2%

2.6.1 Introduction

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2.6.1 Introduction

Ketoconazole is an imidazole antifungal agent. Ketoconazole has a potent antimycotic action against yeasts, including *Malassezia* and dermatophytes. Its broad spectrum of activity is already well known.

Name: KETOCONAZOLE

Synonyms: Ketoconazol; Ketoconazolium; Ketokonatsoli; Ketokonazol; Ketokonazolas; R-41400

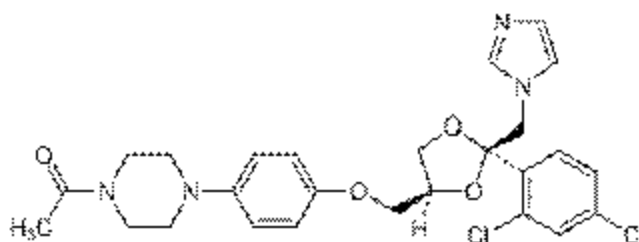
INN: Ketoconazole [rINN (en)]

Chemical name: (±)-cis-1-Acetyl-4-(4-[2-(2,4-dichlorophenyl)-2-imidazol-1-ylmethyl-1,3-dioxolan-4-ylmethoxy] phenyl) piperazine

Molecular formula: C₂₇H₂₈Cl₂N₄O₄

Molecular structure: 531.4

Chemical Structure:



Pharmacopoeias: In *Chin.*, *Eur.*, *Int.*, *Pol.*, and *US*.

Ph. Eur. 5.5 (Ketoconazole). A white or almost white powder. Practically insoluble in water; sparingly soluble in alcohol; freely soluble in dichloromethane; soluble in methyl alcohol. Protect from light.