

Product Datasheet

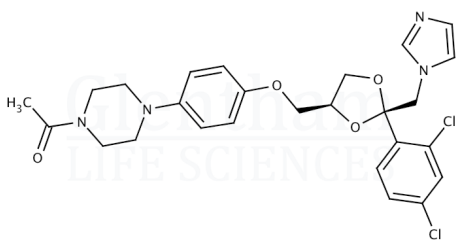
GA6740 - Ketoconazole

Product Details

Product Name	Ketoconazole
Glenthams Code	GA6740
CAS Number	65277-42-1
EINECS	265-667-4
MDL Number	MFCD00058579
PubChem SID	310275624
Related Categories	APIs, Antibiotics, Biochemicals, Raw Materials (IVD), Antimicrobials, Antifungals

Structure

Molecular Weight	: 531.43
Molecular Formula	: $C_{26}H_{28}Cl_2N_4O_4$



Precautionary Codes

P273, P308+P313,
P301+P310

Pictograms



UN Number, Class, PG (RID)

UN2811 - 6.1 - PG III

Glenthams Product Specification

Physical Description	: White to off-white crystalline powder
Specific Optical Rotation	: -1.0 - +1.0 ° (c=4, MeOH, 20°C)
Residue on Ignition	: ≤ 0.1%
Heavy Metals	: ≤ 20ppm
Loss on Drying	: ≤ 0.5%
Assay	: ≥ 99.0% (anhydrous basis)
Version	: v1.0

About Ketoconazole

Ketoconazole is an imidazole with broad-spectrum antifungal properties. Ketoconazole works by inhibiting cytochrome P-450 and preventing the biosynthesis of fungal steroids. It is present in a range of antifungal medications and is most commonly used as a topical treatment. Research has shown that ketoconazole may also have antitumour activity.

Storage

Recommended storage temperature: +4°C.

Hazards and Transport

CLP Classification	Aquatic Chronic 1, Repr. 1B, Acute Tox. 3, STOT RE 2, Aquatic Acute 1
Signal Word	Danger
Hazard Codes	H410, H360, H301, H373, H400

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