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## **Product Datasheet**

GA6740 - Ketoconazole

**Product Details** 

Product Name Ketoconazole
Glentham 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

 $\mbox{Molecular Formula} \quad : \quad \mbox{C}_{26}\mbox{H}_{28}\mbox{Cl}_2\mbox{N}_4\mbox{O}_4$ 

H<sub>3</sub>C N N CI

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

Precautionary Codes P273, P308+P313, P301+P310

**Pictograms** 

(RID)

UN Number, Class, PG UN2811 - 6.1 - PG III

Glentham Product Specification

Physical : White to off-white crystalline

Description powder

Specific Optical : -1.0 - +1.0 ° (c=4, MeOH, 20°C)

Rotation

Residue on :  $\leq 0.1\%$ 

Ignition

Heavy Metals :  $\leq$  20ppm Loss on Drying :  $\leq$  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.

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