**Product Name:** Ketoconazole  
**Product Number:** K006  
**CAS Number:** 65277-42-1  
**Molecular Formula:** $C_{26}H_{28}Cl_{2}N_{4}O_{4}$  
**Molecular Weight:** 531.43  
**Form:** Powder  
**Appearance:** White to light yellow powder  
**Source:** Synthetic  
**Melting Point:** 147-151°C  
**Storage Conditions:** 2-8°C  
**Description:** Ketoconazole is an insoluble imidazole antymycotic compound. This product is considered a dangerous good. Quantities above 1 g may be subject to additional shipping fees. Please contact us for specific questions.  
**Mechanism of Action:** Ketoconazole increases cell permeability by inhibiting enzymes involved in ergosterol synthesis. The increase of permeability has a toxic effect on the fungi and leads to cell death.  
**Spectrum:** Ketoconazole is a broad spectrum antifungal agent targeting a wide variety of fungal cell membranes.  

If you need any help, contact us: info@toku-e.com. Find more information on: www.toku-e.com/