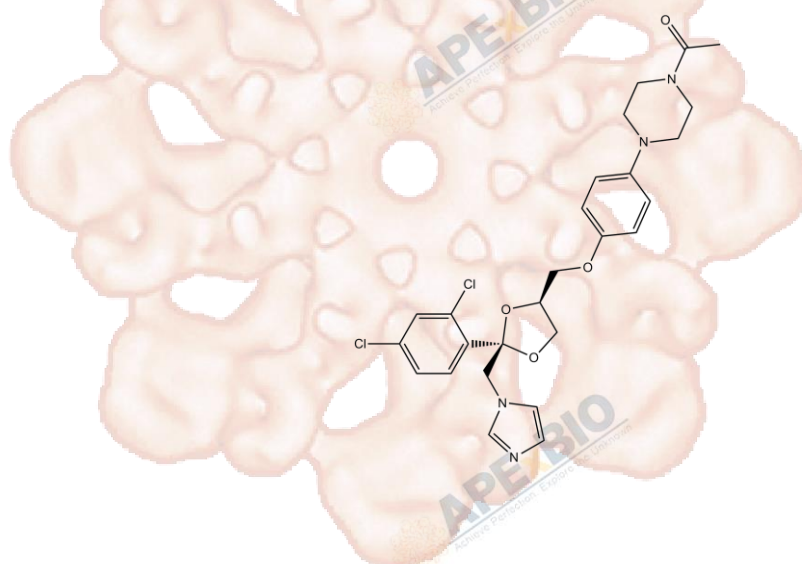


# Product Data Sheet

## Ketoconazole

<b>Cat. No.:</b>	A4316
<b>CAS No.:</b>	65277-42-1
<b>Formula:</b>	C <sub>26</sub> H <sub>28</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>4</sub>
<b>M.Wt:</b>	531.43
<b>Synonyms:</b>	
<b>Target:</b>	Metabolism
<b>Pathway:</b>	P450
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

≥ 23.4 mg/mL in DMSO; insoluble in H<sub>2</sub>O; ≥ 10 mg/mL in EtOH with ultrasonic

In Vitro	Preparing Stock Solutions	Mass			
		Solvent	1mg	5mg	10mg
		<b>Concentration</b>			
		<b>1 mM</b>	1.8817 mL	9.4086 mL	18.8172 mL
		<b>5 mM</b>	0.3763 mL	1.8817 mL	3.7634 mL
		<b>10 mM</b>	0.1882 mL	0.9409 mL	1.8817 mL

Please refer to the solubility information to select the appropriate solvent.

## Biological Activity

Shortsummary	Inhibitor of cyclosporine oxidase and testosterone 6 beta-hydroxylase	
IC <sub>50</sub> & Target		
In Vitro	<b>Cell Viability Assay</b>	
	Preparation method:	
In Vivo	<b>Animal experiment</b>	
	Applications:	

## Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APExBIO Technology**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

