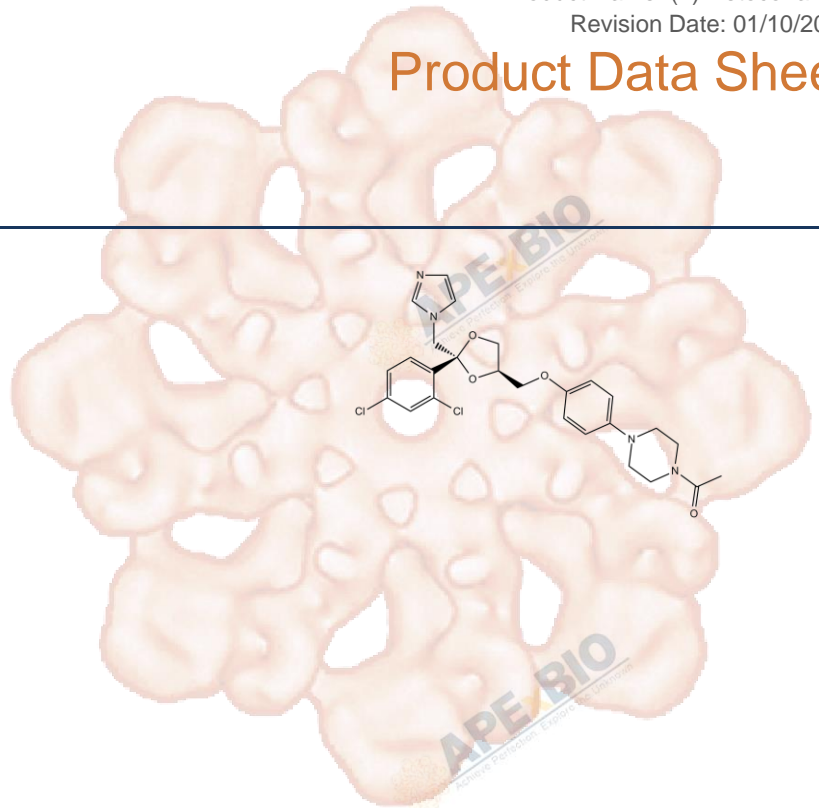


# Product Data Sheet

## (+)-Ketoconazole

|                  |   |
|------------------|---|
| <b>Cat. No.:</b> | B1240   |
| <b>CAS No.:</b>  | 142128-59-4   |
| <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

≥25.5 mg/mL in DMSO with gentle warming; insoluble in H<sub>2</sub>O; insoluble in EtOH

In Vitro

| Preparing Stock Solutions | Solvent       |  | Mass      |           |            |
|---------------------------|---------------|--|-----------|-----------|------------|
|                           | Concentration |  | 1mg       | 5mg       | 10mg       |
|                           | 1 mM          |  | 1.8817 mL | 9.4086 mL | 18.8172 mL |
|                           | 5 mM          |  | 0.3763 mL | 1.8817 mL | 3.7634 mL  |
|                           | 10 mM         |  | 0.1882 mL | 0.9409 mL | 1.8817 mL  |

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

### Biological Activity

Shortsummary

Potent inhibitor of cytochrome P450c17

IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

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 APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm 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.*

**APEX BIO 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)

