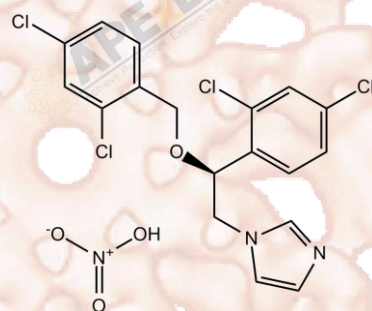


Product Data Sheet

Miconazole Nitrate

Cat. No.: B1978
CAS No.: 22832-87-7
Formula: C₁₈H₁₄Cl₄N₂O·HNO₃
M.Wt: 479.14
Synonyms:
Target:
Pathway:
Storage: Store at -20°C



Solvent & Solubility

In Vitro

≥23.65 mg/mL in DMSO; insoluble in H₂O; ≥2.64 mg/mL in EtOH with gentle warming and ultrasonic

| | Solvent | Mass Concentration | Mass | | |
|------------------------------|---------|-----------------------|-----------|------------|------------|
| | | | 1mg | 5mg | 10mg |
| Preparing Stock Solutions | | 1 mM | 2.0871 mL | 10.4354 mL | 20.8707 mL |
| | | 5 mM | 0.4174 mL | 2.0871 mL | 4.1741 mL |
| | | 10 mM | 0.2087 mL | 1.0435 mL | 2.0871 mL |

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

Biological Activity

Shortsummary

Antifungal agent

 IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on 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.

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