

## Product Datasheet

### Oxiconazole nitrate (orb1224369)

<b>Catalog Number</b>	orb1224369
<b>Category</b>	Small Molecules
<b>Description</b>	Oxiconazole nitrate (U.S.: Oxistat, Canada: Oxizole) is an antifungal medication typically administered in a cream or lotion to treat skin infections such as athlete's foot, jock itch and ringworm. (In Vitro):Oxiconazole (24 h; 0-40 μM) inhibits CRC cell growth.Oxiconazole has antifungal activity against Candida, Aspergillus and Trichophyton.(In Vivo):Oxiconazole (50 mg/kg/day; IP; for 12 days) significantly restrains CRC cell growth.
<b>Target</b>	Antifection
<b>Purity</b>	>98% (HPLC)
<b>MW</b>	492.14
<b>Target Areas</b>	14-α Demethylase  LSS
<b>Solubility (25°C)</b>	DMSO: 10 mM
<b>CAS Number</b>	64211-46-7
<b>Formula</b>	C <sub>18</sub> H <sub>13</sub> Cl <sub>4</sub> N <sub>3</sub> O·HNO <sub>3</sub>
<b>SMILES</b>	<chem>C1=CC(=C(C=C1Cl)Cl)CO/N=C(\CN2C=CN=C2)/C3=C(C=C(C=C3)Cl)Cl.[N+](=O)(O)[O-]</chem>
<b>Storage</b>	Storage temperature: -20°C. Stability: ≥ 2 years
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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