

Product Datasheet

Amorolfine HCL (orb1685354)

Catalog Number	orb1685354
Category	Small Molecules
Description	Amorolfine HCl is a morpholine-derived antifungal agent that selectively inhibits both $\Delta 14$ -reductase and $\Delta 7$ - $\Delta 8$ isomerase, key enzymes in ergosterol biosynthesis. This dual action depletes ergosterol and leads to ignosterol accumulation, disrupting fungal membrane integrity. It is widely used in research for studying antifungal mechanisms and efficacy in both in vitro and ex vivo models of dermatophyte and yeast infections.
Target	Antifungal, Antibiotic
MW	353.97
CAS Number	106614-68-0
Formula	C ₂₁ H ₃₆ ClNO
SMILES	Cl.O1C(C)CN(CC1C)CC(C)CC2=CC=C(C=C2)C(C)(C)CC
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558