

Product Datasheet

Antimycin A2 (orb1692836)

Catalog Number	orb1692836
Category	Small Molecules
Description	Antimycin A2 is the primary bioactive component of the Antimycin A complex, a potent inhibitor of mitochondrial respiration that blocks cytochrome b reoxidation. It is widely used in vitro and in vivo to study apoptosis, bioenergetics, and oxidative stress in cancer, aging, and insecticide research.
Target	Cytochromes P450,Mitochondrial Metabolism,Antifungal
MW	534.6
CAS Number	27220-57-1
Formula	C ₂₇ H ₃₈ N ₂ O ₉
SMILES	<chem>OC(C(NC=O)=CC=C1)=C1C(N[C@@H]2[C@H](C)OC([C@@H](CCCCC)[C@H](OC(CCC)=O)[C@@H](C)OC2=O)=O)=O</chem>
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](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+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](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)