

## Product Datasheet

### Paulomycin A2 (orb3024596)

<b>Catalog Number</b>	orb3024596
<b>Category</b>	Small Molecules
<b>Description</b>	Paulomycin A2 exhibits antibacterial activity against Gram-positive bacteria and specifically inhibits Staphylococcus aureus that is resistant to penicillin, streptomycin, neomycin, and macrolide antibiotics.
<b>Target</b>	Antibacterial, Antibiotic
<b>MW</b>	786.797
<b>CAS Number</b>	101411-68-1
<b>Formula</b>	C <sub>34</sub> H <sub>46</sub> N <sub>2</sub> O <sub>17</sub> S
<b>SMILES</b>	<chem>O=C(O)C=1C(=O)C(O)(CC(=O)C1N)C2OC(COC(=O)C)C(OC(=O)C(N=C=S)=CC)C(OC3OC(C)C(O)(C(OC(=O)CC(C)C)C)C(OC)C3)C2O</chem>
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

**Biorbyt Ltd.**

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

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