

## Product Datasheet

### Temporin A (orb1691400)

<b>Catalog Number</b>	orb1691400
<b>Category</b>	Proteins
<b>Description</b>	Temporin A is a short, alpha-helical antimicrobial peptide isolated from frog skin, effective against Gram-positive bacteria and <i>Candida albicans</i> by disrupting microbial membranes. It is used in research on novel antibiotics and antifungal agents, showing efficacy in both in vitro assays and select in vivo infection models.
<b>Target</b>	Antifungal, Antibiotic, Antibacterial
<b>MW</b>	1396.789
<b>CAS Number</b>	188713-69-1
<b>Formula</b>	$C_{68}H_{117}N_{17}O_{14}$
<b>SMILES</b>	<chem>CC[C@H](C)[C@H](NC(=O)CNC(=O)[C@H](CO)NC(=O)[C@H](CC(C)C)NC(=O)[C@@H](NC(=O)[C@H](CCCNC(N)=N)NC(=O)CNC(=O)[C@@H](NC(=O)[C@H](CC(C)C)NC(=O)[C@@H]1CCCN1C(=O)[C@H](CC(C)C)NC(=O)[C@@H](N)Cc1cccc1)[C@@H](C)CC)C(C)C(=O)N[C@@H](CC(C)C)C(N)=O</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  
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)