

Product Datasheet

Temporin A (orb1691400)

Catalog Number	orb1691400
Category	Proteins
Description	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.
Target	Antibacterial, Antifungal, Antibiotic
MW	1396.789
CAS Number	188713-69-1
Formula	$C_{68}H_{117}N_{17}O_{14}$
SMILES	<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>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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