

Product Datasheet

Temporin-GHc (orb2563705)

Catalog Number	orb2563705
Category	Proteins
Description	Temporin-GHc is a synthetic antimicrobial peptide that inhibits bacterial growth (MBIC50 = 6 μM) and disrupts established biofilms (MBEC50 = 25 μM) within 24 hours. It is a valuable research tool for studying novel anti-infective strategies in both in vitro and in vivo models of bacterial infection.
Target	Antibacterial, Antibiotic
MW	1509.79
CAS Number	2755770-49-9
Formula	C ₇₄ H ₁₁₂ N ₁₈ O ₁₆
SMILES	<chem>[C@H](CC1=CN=CN1)(C(N[C@H](C(N[C@H](C(NCC(N[C@H](C(N[C@H](C(N[C@H](C(N[C@H](CC2=CN=CN2)C(N[C@H](C(N[C@H](CC3=CC=CC=C3)C(O)=O)=O)[C@H](CC)C)=O)=O)[C@@H](C)O)=O)CC(C)C)=O)C)=O)[C@H](CC)C)=O)[C@H](CC)C)=O)NC([C@@H](NC([C@@H](NC([C@H](CC4=CC=CC=C4)N)=O)CC(C)C)=O)CCC(N)=O)=O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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