

Product Datasheet

(KFF)3K (orb2645891)

Catalog Number	orb2645891
Category	Proteins
Description	(KFF)3K is a cell-penetrating antimicrobial peptide that disrupts bacterial outer membranes, enhancing the uptake of co-administered antibiotics. Its hydrocarbon scaffold contributes to this activity, making it a useful tool for studying novel combination therapies in both in vitro and in vivo antimicrobial research.
Target	Antibacterial
MW	1412.76
CAS Number	622402-94-2
Formula	C ₇₈ H ₁₀₅ N ₁₅ O ₁₀
SMILES	<chem>[C@H](CC1=CC=CC=C1)(C(N[C@@H](CC2=CC=CC=C2)C(N[C@H](C(N[C@@H](CC3=CC=CC=C3)C(N[C@@H](CC4=CC=CC=C4)C(N[C@@H](CCCCN)C(N)=O)=O)=O)=O)CCCCN)=O)=O)NC([C@@H](NC([C@H](CC5=CC=CC=C5)NC([C@H](CC6=CC=CC=C6)NC([C@H](CCCCN)N)=O)=O)=O)CCCCN)=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)