

## CaLL

Cat. No.:	HY-P5548
CAS No.:	1228093-67-1
Molecular Formula:	C <sub>136</sub> H <sub>224</sub> N <sub>38</sub> O <sub>25</sub>
Molecular Weight:	2791.47
Sequence:	Lys-Trp-Lys-Leu-Phe-Lys-Lys-Ile-Phe-Lys-Arg-Ile-Val-Gln-Arg-Ile-Lys-Asp-Phe-Leu-Arg
Sequence Shortening:	KWKLFKKIFKRIVQRIKDFLR
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

CaLL is an antimicrobial peptide. CaLL has antibacterial activity against *B. anthracis*, *B. anthracis* (vegetative), and *B. cepacia* (MIC: 7.8, 31.3, 31.3 µg/mL)<sup>[1]</sup>.

### REFERENCES

[1]. Fox MA, et al. Design and characterization of novel hybrid antimicrobial peptides based on cecropin A, LL-37 and magainin II. *Peptides*. 2012 Feb;33(2):197-205.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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