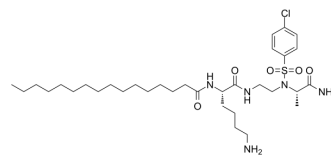


## C16-K-cBB1

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-147755   |
| Molecular Formula: | C <sub>33</sub> H <sub>58</sub> ClN <sub>5</sub> O <sub>5</sub> S                         |
| Molecular Weight:  | 672.36  |
| Target:            | Bacterial   |
| Pathway:           | Anti-infection  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



## BIOLOGICAL ACTIVITY

### Description

C16-K-cBB1 is a potent and selective antimicrobial agent for MRSA (Methicillin resistant *Staphylococcus aureus*), with a MIC of 1 µg/mL. C16-K-cBB1 has very good selectivity, as it has weak hemolytic activity. C16-K-cBB1 is able to kill MRSA cells in a matter of 120 min at a concentration of 12.5 µg/mL<sup>[1]</sup>.

## REFERENCES

[1]. Singh S, et al. Lipidated α/Sulfono-α-AA heterogeneous peptides as antimicrobial agents for MRSA. *Bioorg Med Chem*. 2020 Jan 1;28(1):115241.

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

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