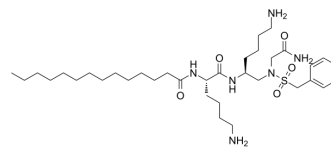


## Antibacterial agent 103

Cat. No.:	HY-146470
CAS No.:	2396409-46-2
Molecular Formula:	C <sub>35</sub> H <sub>64</sub> N <sub>6</sub> O <sub>5</sub> S
Molecular Weight:	680.98
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Antibacterial agent 103 (compound 7) has highly antibacterial activity against kinds of Gram-positive and -negative bacteria. Antibacterial agent 103 can be used for researching inhibition of resistance bacterial strains <sup>[1]</sup> .
IC <sub>50</sub> & Target	MIC: 5 µg/mL in MRSA, 5 µg/mL in MRSE, 5 µg/mL in <i>E. faecalis</i> , 2 µg/mL in <i>E. coli</i> , 5 µg/mL in <i>P. aeruginosa</i> <sup>[1]</sup>

### REFERENCES

[1]. Wei L, et al. Antibacterial activity of lipo-α/sulfono-γ-AA hybrid peptides. *Eur J Med Chem.* 2020;186:111901.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA