

## Malacidin B

Cat. No.:	HY-N10585
CAS No.:	2254483-96-8
Molecular Formula:	C <sub>57</sub> H <sub>90</sub> N <sub>12</sub> O <sub>20</sub>
Molecular Weight:	1263.39
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	Malacidin B is a macrocyclic lipopeptide antibiotic that shows antibacterial activity in a calcium-dependent manner <sup>[1][2]</sup> .
IC <sub>50</sub> & Target	Lipopeptide

### REFERENCES

[1]. Upert G, et al. Emerging peptide antibiotics with therapeutic potential. *Med Drug Discov.* 2021 Mar;9:100078.

[2]. Lakemeyer M, Zhao W, Mandl FA, Hammann P, Sieber SA. Thinking Outside the Box—Novel Antibacterials To Tackle the Resistance Crisis. *Angew Chem Int Ed Engl.* 2018 Oct 26;57(44):14440-14475.

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

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