

c[Arg-Arg-Arg-Arg-Dip-Dip-Dip]

Cat. No.:	HY-P3348
CAS No.:	2619853-87-9
Molecular Formula:	C ₆₉ H ₈₇ N ₁₉ O ₇
Molecular Weight:	1294.55
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

c[Arg-Arg-Arg-Arg-Dip-Dip-Dip] (Compound 8C) shows broad-spectrum activity against drug-resistant Gram-positive and Gram-negative bacteria, with MICs of 3.1, 3, 1, 12.5, and 12.5 µg/mL for MRSA (ATCC BAA-1556), *S. aureus* (ATCC 29213), *P. aeruginosa* (ATCC 27883), and *E. coli* (ATCC 25922), respectively^[1].

REFERENCES

[1]. Sandeep Lohan, et al. Small Amphiphilic Peptides: Activity Against a Broad Range of Drug-Resistant Bacteria and Structural Insight into Membranolytic Properties. *J Med Chem.* 2022 Jan 13;65(1):665-687.

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

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