



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Pediocin PA 1

Cat. No.:	HY-P10352
CAS No.:	111745-56-3
Molecular Formula:	C ₁₉₆ H ₂₉₃ N ₆₁ O ₆₀ S ₅
Molecular Weight:	4624.12
Sequence:	Lys-Tyr-Tyr-Gly-Asn-Gly-Val-Thr-Cys-Gly-Lys-His-Ser-Cys-Ser-Val-Asp-Trp-Gly-Lys-Ala-Thr-Thr-Cys-Ile-Ile-Asn-Asn-Gly-Ala-Met-Ala-Trp-Ala-Thr-Gly-Gly-His-Gln-Gly-Asn-His-Lys-Cys (Disulfidebridge:Cys9-Cys14;Cys24-Cys44)
Sequence Shortening:	KYYGNGVTCGKHSCSVDWGWKATTCIINNGAMAWATGGHQGNHKC (Disulfidebridge:Cys9-Cys14;Cys24-Cys44)
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Pediocin PA-1 is a broad-spectrum lactic acid bacterial bacteriocin that inhibits the activity of foodborne pathogens such as *Listeria monocytogenes* and Gram-positive bacteria. Pediocin PA-1 can be used as a food biopreservative^[1].

REFERENCES

[1]. Rodríguez JM, et al. Pediocin PA-1, a wide-spectrum bacteriocin from lactic acid bacteria. *Crit Rev Food Sci Nutr.* 2002;42(2):91-121.

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

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