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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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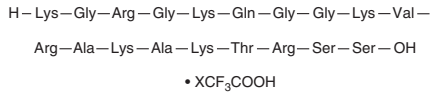
PRODUCT INFORMATION

Parasin I (catfish) (trifluoroacetate salt)

Item No. 36724

Formal Name: L-lysylglycyl-L-arginylglycyl-L-lysyl-L-glutaminylglycylglycyl-L-lysyl-L-valyl-L-arginyl-L-alanyl-L-lysyl-L-alanyl-L-lysyl-L-threonyl-L-arginyl-L-seryl-L-serine, trifluoroacetate salt

Peptide Sequence: KGRGKQGGKVRAKAKTRSS-OH



MF: $C_{82}H_{154}N_{34}O_{24} \bullet XCF_3COOH$

FW: 2,000.3

Purity: ≥95%

Supplied as: A solid

Storage: -20°C

Stability: ≥4 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Parasin I (catfish) (trifluoroacetate salt) is supplied as a solid. A stock solution may be made by dissolving the parasin I (catfish) (trifluoroacetate salt) in water. We do not recommend storing the aqueous solution for more than one day.

Description

Parasin I is an antimicrobial peptide fragment from the N-terminal region of histone H2A in catfish (*P. asotus*) that is involved in host defense.[1] It is formed from histone H2A by cathepsin D in the skin mucosa of wounded *P. asotus*. Parasin I is active against various Gram-positive and Gram-negative bacteria, as well as fungi (MICs = 1-2, 1-4, and 1-2 µg/ml, respectively).[2]

References

1. Cho, J.H., Park, I.Y., and Kim, S.C. Cathepsin D produces the potent antimicrobial peptide parasin I from histone H2A in scaleless fish skin. *Peptides: The wave of the future*. Lebl, M. Houghten, R.A., editors, *Springer* (2001).
2. Park, I.Y., Park, C.B., Kim, M.S., *et al*. Parasin I, an antimicrobial peptide derived from histone H2A in the catfish, *Parasilurus asotus*. *FEBS Lett*. **437(3)**, 258-262 (1998).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
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