



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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## Balteatide

Cat. No.:	HY-P10538
CAS No.:	1630816-52-2
Molecular Formula:	C <sub>55</sub> H <sub>104</sub> N <sub>18</sub> O <sub>10</sub>
Molecular Weight:	1177.53
Sequence:	Leu-Arg-Pro-Ala-Ile-Leu-Val-Arg-Ile-Lys-NH <sub>2</sub>
Sequence Shortening:	LRPAILVRIK-NH <sub>2</sub>
Target:	Bacterial; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Balteatide is an antimicrobial peptide, which can be found in skin secretion of *Phyllomedusa baltea*. Balteatide inhibits the gram-positive *Staphylococcus aureus* (MIC=435 μM), the gram-negative *Escherichia coli* (MIC=109 μM), and *Candida albicans* (MIC=27 μM). Balteatide lacks hemolytic activity (at 512 mg/L) and myotrophic activity<sup>[1]</sup>.

### REFERENCES

[1]. Ge L, et al., Balteatide: a novel antimicrobial decapeptide from the skin secretion of the purple-sided leaf frog, *Phyllomedusa baltea*. *ScientificWorldJournal*. 2014;2014:176214.

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

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