

## HR1

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Cat. No.:	HY-P5727
CAS No.:	80533-94-4
Molecular Formula:	C <sub>71</sub> H <sub>133</sub> N <sub>19</sub> O <sub>15</sub>
Molecular Weight:	1492.93
Sequence:	Ile-Asn-Leu-Lys-Ala-Ile-Ala-Ala-Leu-Val-Lys-Lys-Val-Leu-NH <sub>2</sub>
Sequence Shortening:	INLKAIAALVKKVL-NH <sub>2</sub>
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

## BIOLOGICAL ACTIVITY

### Description

HR1 is a mastoid protease. HR1 can increase the permeability of human erythrocyte membrane. HR1 can induce cytoplasmic membrane permeation in bacteria and mast cells [1].

## REFERENCES

[1]. Nakao S, et al. Comparative study of the membrane-permeabilizing activities of mastoparans and related histamine-releasing agents in bacteria, erythrocytes, and mast cells. *Biochim Biophys Acta*. 2011 Jan;1808(1):490-7.

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

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