

Mastoparan B

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| Cat. No.: | HY-P5602 |
| CAS No.: | 137354-65-5 |
| Molecular Formula: | C ₇₈ H ₁₃₈ N ₂₀ O ₁₆ |
| Molecular Weight: | 1612.05 |
| Sequence: | Leu-Lys-Leu-Lys-Ser-Ile-Val-Ser-Trp-Ala-Lys-Lys-Val-Leu-NH ₂ |
| Sequence Shortening: | LKLSIVSWAKKVL-NH ₂ |
| Target: | Bacterial |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |

BIOLOGICAL ACTIVITY

Description

Mastoparan B is an antimicrobial peptide derived from hornet *Vespa*. Mastoparan B can cause the shape of red blood cells to change from normal disk-like to serrated^[1].

REFERENCES

[1]. Park NG, et al. Interaction of mastoparan-B from venom of a hornet in Taiwan with phospholipid bilayers and its antimicrobial activity. *Biopolymers*. 1995 Dec;36(6):793-801.

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

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