

## Dermaseptin-S5

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| Cat. No.:            | HY-P5587  |
| CAS No.:             | 151896-16-1   |
| Molecular Formula:   | C <sub>128</sub> H <sub>223</sub> N <sub>37</sub> O <sub>35</sub>   |
| Molecular Weight:    | 2840.37   |
| Sequence:            | Gly-Leu-Trp-Ser-Lys-Ile-Lys-Thr-Ala-Gly-Lys-Ser-Val-Ala-Lys-Ala-Ala-Ala-Lys-Ala-Ala-V<br>al-Lys-Ala-Val-Thr-Asn-Ala-Val |
| Sequence Shortening: | GLWSKIKTAGKSVAKAAAKAAVKAVTNAV   |
| Target:              | Fungal  |
| Pathway:             | Anti-infection  |
| Storage:             | Please store the product under the recommended conditions in the Certificate of<br>Analysis.                            |

### BIOLOGICAL ACTIVITY

| Description |
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| Dermaseptin-S5 is an antimicrobial peptide derived from frog skin against filamentous fungi <sup>[1]</sup> . |
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### REFERENCES

[1]. Mor A, et al. The vertebrate peptide antibiotics dermaseptins have overlapping structural features but target specific microorganisms. J Biol Chem. 1994 Dec 16;269(50):31635-41.

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

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