

## Delta-hemolysin

Cat. No.:	HY-P5492
CAS No.:	74838-20-3
Molecular Formula:	C <sub>137</sub> H <sub>225</sub> N <sub>33</sub> O <sub>40</sub> S
Molecular Weight:	3006.51
Sequence:	{Formyl}-Met-Ala-Gln-Asp-Ile-Ile-Ser-Thr-Ile-Gly-Asp-Leu-Val-Lys-Trp-Ile-Ile-Asp-Thr-V al-Asn-Lys-Phe-Thr-Lys-Lys
Sequence Shortening:	{Formyl}-MAQDIISTIGDLVKWIIDTVNKFTKK
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture and light Powder -80°C 2 years -20°C 1 year  * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

### BIOLOGICAL ACTIVITY

#### Description

Delta-hemolysin (Delta-lysin), a 26 amino acid peptide, is a hemolytic peptide produced by *Staphylococcus*. Delta-hemolysin may slightly perturb a membrane or lead to cell lysis. Delta-hemolysin is a model in the study of peptides interacting with membranes. Delta-hemolysin is poorly active against bacteria<sup>[1]</sup>.

### REFERENCES

[1]. Julien Verdon, et al. delta-hemolysin, an update on a membrane-interacting peptide. *Peptides*. 2009 Apr;30(4):817-23.

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

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