

Acetyl-Adhesin (1025-1044) amide

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| Cat. No.: | HY-P3913 |
| CAS No.: | 320350-56-9 |
| Molecular Formula: | $C_{97}H_{160}N_{26}O_{32}$ |
| Molecular Weight: | 2202.46 |
| Sequence Shortening: | {Ac-Gln}-LKTADLPAGRDETTSFVLV-NH ₂ |
| Target: | Bacterial |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |

BIOLOGICAL ACTIVITY

Description

Acetyl-Adhesin (1025-1044) amide is a 20-peptide fragment of *Streptococcus pyogenes* cell surface adhesin that acts as an antimicrobial peptide to specifically inhibit the binding of adhesin to salivary receptors and prevent recolonization of *Streptococcus pyogenes*^[1].

REFERENCES

[1]. C G Kelly, et al. A synthetic peptide adhesion epitope as a novel antimicrobial agent. *Nat Biotechnol.* 1999 Jan;17(1):42-7.

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

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