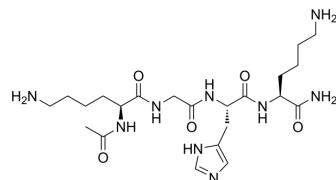


## Acetyl tetrapeptide-3

Cat. No.:	HY-W129161
CAS No.:	827306-88-7
Molecular Formula:	C <sub>22</sub> H <sub>39</sub> N <sub>9</sub> O <sub>5</sub>
Molecular Weight:	509.6
Sequence:	Ac-Lys-Gly-His-Lys-NH <sub>2</sub>
Sequence Shortening:	Ac-KGHK-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

Acetyl tetrapeptide-3 combined with Biochanin A (HY-14595) and Acetyl tetrapeptide-3, can stimulate dermal papilla extracellular matrix (ECM) proteins by increasing hydroxyproline, Collagen Type 3, and laminin, yielding a significant improvement in hair follicle size and hair anchoring<sup>[1]</sup>.

### REFERENCES

[1]. Suparuj Lueangarun, et al. An Herbal Extract Combination (Biochanin A, Acetyl tetrapeptide-3, and Ginseng Extracts) versus 3% Minoxidil Solution for the Treatment of Androgenetic Alopecia: A 24-week, Prospective, Randomized, Triple-blind, Controlled Trial. *J Clin Aesthet Dermatol*. 2020 Oct;13(10):32-37.

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

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