

Aesthetic Combination A

GHK-Cu + Snap-8 | Dermal Remodelling Research

COMPOUND OVERVIEW

GHK-Cu and Snap-8 address complementary aspects of dermal research from distinct biological levels. GHK-Cu operates at gene expression level to increase collagen and elastin synthesis. Snap-8 modulates the SNARE complex to reduce neuromuscular contraction intensity at the surface level.

MECHANISM OF ACTION

GHK-Cu activates dermal fibroblasts and modulates gene expression to rebuild structural dermal proteins from below. Snap-8 partially inhibits SNARE-mediated acetylcholine release at superficial neuromuscular junctions, reducing contraction-driven line formation from above. The two pathways target different biological levels without mechanistic overlap.

RESEARCH APPLICATIONS

- Multi-level dermal remodelling research
- Fibroblast gene expression combined with neuromuscular modulation studies
- Collagen synthesis and contraction reduction pathway research

EVIDENCE STATUS & KNOWN LIMITATIONS

Evidence Status: GHK-Cu and Snap-8 are frequently combined in topical cosmetic research formulations. The injectable combination at these concentrations has not been formally studied in controlled research. Individual compound evidence is assessed separately in each data sheet.

ANALYTICAL & STORAGE DATA

COMPOUND A	GHK-Cu 10mg	COMPOUND B	Snap-8 10mg
MECHANISM A	Fibroblast Activation / Gene Expression	MECHANISM B	SNARE Complex Modulation
STORAGE	2-8 C, UV protected (both)	BATCH DOCS	Available on Request

RECONSTITUTION NOTE

Reconstitute each compound separately. GHK-Cu will produce a deep blue colour on reconstitution. Both compounds should be protected from UV exposure throughout handling.

REGULATORY CLASSIFICATION: All BioUnfolding compounds are strictly intended for laboratory evaluation and in-vitro analysis. These materials are not intended for human consumption, veterinary use, or therapeutic application. Researchers are solely responsible for compliance with applicable local regulations including SAHPRA guidelines.

REQUEST BATCH DOCUMENTATION

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