

RESEARCH PEPTIDE

SNAP-8

Acetyl Octapeptide-3

Topical Cosmetic Research

Expression-line, wrinkle-appearance and skin-texture research.



RESEARCH
TODAY



DISCOVER
TOMORROW



A HEALTHIER
HUMAN POTENTIAL



SCIENCE
INSPIRES
HUMAN
POTENTIAL



WHAT IS SNAP-8 AND WHY IS IT STUDIED?

SNAP-8 (Acetyl Octapeptide-3) is a synthetic octapeptide related to Argireline and designed to mimic part of SNAP-25. It is studied primarily in topical cosmetic formulations for expression-line appearance, wrinkle research, skin smoothness and texture. Its proposed mechanism involves modulation of SNAP-25/SNARE signaling and acetylcholine release; penetration to deeper neuromuscular targets through intact skin remains uncertain.



AT A GLANCE

10 mg vial

Research focus:

expression lines, wrinkle appearance, skin smoothness, topical cosmetic formulation

Format: lyophilized powder



WHAT IT IS STUDIED FOR

- Dynamic expression lines (forehead, crow's feet)
- Wrinkle appearance and skin smoothness
- Skin texture and cosmetic skin quality
- Topical cosmetic formulation research
- SNAP-25 / SNARE-complex pathway research
- Non-invasive cosmetic peptide delivery research



HOW IT MAY WORK

- Mimics a portion of the SNAP-25 protein
- May interfere with SNAP-25 / SNARE-complex assembly
- May reduce efficiency of acetylcholine release in model systems
- May lessen repetitive facial-muscle signaling associated with expression lines
- Topical penetration to neuromuscular targets is not established



WHAT RESEARCHERS MAY LOOK FOR OVER TIME

1-4 WEEKS

Assess tolerance, skin texture and early expression-line appearance.

4-8 WEEKS

Evaluate wrinkle appearance, smoothness and consistency of cosmetic effects.

8-12 WEEKS

Monitor ongoing skin-quality changes with consistent topical use.

12+ WEEKS

Longer-term observation may continue; long-term SNAP-8-specific data are limited.



10 MG TOPICAL RESEARCH FORMULATION

Reference stock	10 mg in 20 mL suitable cosmetic formulation base
Final concentration	0.05% (0.5 mg/mL)
Finished-product use	3-10% of 0.05% stock
Actual peptide level	≈ 0.0015-0.005% in finished product
Application	Thin layer to clean, dry skin
Frequency	Twice daily (AM and PM)
Research duration	8-12 weeks
Storage	Refrigerate after preparation; protect from light
Notes	Topical research only. Do not inject. Use a stabilized cosmetic base with appropriate preservation.



FORMULATION

10 mg + 20 mL cosmetic base = 0.5 mg/mL (0.05%)
Finished product: 3-10% of 0.05% stock = 0.0015-0.005% peptide



APPLICATION

Apply a thin layer to clean, dry skin twice daily (AM and PM). Common research areas include forehead, crow's feet and smile lines. No validated injectable dosing protocol has been established for SNAP-8.



IMPORTANT CONSIDERATIONS

- For educational and research purposes only
- Published evidence is primarily topical/cosmetic
- No peer-reviewed injectable dosing protocol established
- Avoid use on broken or actively irritated skin
- Pregnancy/breastfeeding safety data are insufficient

EVIDENCE LEVEL

- Human topical research
- Cosmetic/formulation evidence
- Mechanistic evidence
- Injectable safety data

- Limited
- Emerging
- Moderate
- Not established

RESEARCH USE DISCLAIMER

For educational and research use only. Not for human use. Not approved by the FDA or any other regulatory authority. Research compounds are not intended for diagnosis, treatment, or prevention of any disease.