

Stop Wrinkling, Keep Glowing SYN®-AKE



An effective synthetic peptide ingredient found in the venom of the Temple Viper Snake

SYN®-AKE is a small synthetic peptide that helps reduce the appearance of wrinkles and laughter lines fast. As our skin gets older so the number of expression and laughter lines increases, along with crow's feet and forehead wrinkles. SYN®-AKE enables the face to relax, reducing wrinkles but without losing the ability to help people express themselves. It's fast acting, long lasting and fully reversible.

Product Features

- INCI name (active) : Glycerin, Aqua, Dipeptide Diaminobutyroyl Benzylamide Diacetate
- Synthetic tripeptide with mol weight below 500 Da
- Natural inspired mechanism
- Mimics Waglerin-1 functionality, a peptide found in the venom of the temple viper
- Safe for topical applications
- Preservative-free, glycerine-based aqueous solution

Benefits

- Age-killing effect particularly effective against expression lines
- Visible deep wrinkle smoothing after only one month
- Helps your face to relax without losing the ability to express yourself

Certifications



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Mode of Action

SYN®-AKE is based on a patented mechanism. It mimics the essential amino acid sequence of the Waglerin-1 functionality. Its effect focuses on an immediate and lasting relaxation of mimic wrinkles. In vitro the peptide cosmetic ingredient is considered as an antagonist at the muscular nicotinic acetylcholine receptor (mnAChR). As the muscular nicotinic ACh receptors are reversibly blocked, the ion channel remains closed. There is no uptake of Na⁺ and the muscle cells stay relaxed. The transmission of nerve impulses to the muscles is inhibited and facial muscles are relaxed.

Results

The effectiveness of Syn-ake is astounding: it has excellent skin smoothing properties and reduces the depth of facial wrinkles in just a few days. A study involving 45 volunteers confirmed these results. During this test, the use of Syn-ake twice daily, reduced forehead wrinkles, by up to 52% in just 28 days. The in vivo studies dealing with crow's feet confirmed the efficiency of the product. In vitro studies show that SYN-AKE, in a concentration of 0.5 mm, reduces the frequency of muscle contractions in innervated muscle cells by 82% within only 2 hours.

Wrinkles on crow's feet

Measurement of the smoothing (Ra) and anti-wrinkle effect (Rz and Rt) SYN®-AKE (4%) measured on the crow's feet after 28 days. SYN®-AKE the depth of wrinkles is visibly reduced, and an overall smoother and more even skin surface appears.

