

Acetyl Decapeptide-3

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| INCI | Acetyl Decapeptide-3 |
| Peptide Sequence: | Acetyl Decapeptide-3 is a synthetic peptide consisting of arginine, serine, threonine, tryptophan and tyrosine |
| Molecular Formula: | $C_{68}H_{95}N_{19}O_{17}$ |
| Molecular weight: | 1450.60 |
| Cas No.: | 935288-50-9 |
| Synonym: | Rejuline |
| Application: | Cosmetics - anti-wrinkle skin firming hair nutrition |
| Packaging: | bottle |
| Filling quantity: | 1 g / bottle 5 g/bottle 10 g / bottle 100 g / bottle special packaging upon request |
| Storage and shelf life: | cool, dark and clean place -20°C shelf life 24 months 2 - 8 °C shelf life 12 months |



Product Specification

Acetyl Decapeptide-3

| Test | Specification | Batch YS2003ADCP3 |
|------------------------------|--|-------------------|
| Appearance | white powder | conforms |
| Identity by HPLC | the retention is same with the reference substance | conforms |
| Identity by MS | 1450.60±1 | 1450.76 |
| Solubility | soluble in water | conforms |
| Peptide purity (by HPLC) | ≥ 95 % by area integration | 98.53 % |
| Water content (Karl Fischer) | ≤ 8 % | 4.19 % |

Use level: 0.002 – 0.005 % (soluble in water, optimum pH 5-7)

Trifluoroacetyl Tripeptide-2 should be incorporated at the end of formulation at a temperature < 40 °C.

Cosmetic benefits

Reduces and prevents lines and wrinkles by actively generating new skin cells. Involves in normal skin growth, healing and wound repair.

Strengthens skin elasticity by inducing the synthesis of collagen and elastin.

