



Acetyl dipeptide-1 cetyl ester

INCI name: Acetyl dipeptide-1 cetyl ester

Peptide sequence: Ac-Tyr-Arg-O-hexadecyl ester

Molecular formula: $C_{33}H_{57}N_5O_5$

Molecular weight: 603.84

Cas No. 196604-48-5

Synonym Idealift

Application: Cosmetics – anti-aging skin ware

Packaging: bottle

Filling quantity: 1 g / bottle
5 g / bottle
10 g / bottle
special packaging upon request

Storage and Shelf life: 2 - 8 °C cool, dark and clean
shelf life 24 months



Product Specification

Acetyl dipeptide-1 cetyl ester

Test	Specification	Batch YS1710AD1ES
Appearance	white powder	conforms
Solubility	soluble in water	conforms
Identity by HPLC	the retention is same with the reference substance	conforms
Identity by MS	603.84 ± 1	conforms
Amino acid composition	± 10 % of theoretical	conforms
Purity of peptide (HPLC)	> = 95 % by area integration	98.51 %
Water content (KF)	< = 5.0 %	2.2 %

Characteristics

Acetyl Dipeptide-1 cetyl ester not only stimulates elastin synthesis but also promotes a correct and functional elastic fibre architecture by inducing the most important elements involved in tissue structure.

Use level: 0.03 - 0.75 % (insoluble in water; optimum pH: 5-7)

Cosmetic benefits

Fights against skin sagging and improves resistance to gravity