

Acetyl Dipeptide-1 Cetyl Ester

INCI	Acetyl Dipeptide-1 Cetyl Ester
Peptide Sequence:	Ac-Tyr-Arg-O-hexadecyl ester
Molecular Formula:	C ₃₃ H ₅₇ N ₅ O 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 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 Dipeptide-1 Cetyl Ester

Test	Specification	Batch YS1710AD1ES
Appearance	white powder	conforms
Identity by HPLC	the retention is same with the reference substance	conforms
Identity by MS	603.84 ± 1	conforms
Peptide purity (by HPLC)	≥ 95 %	98.51 %
Water content (Karl Fischer)	< 5 %	2.2 %
Solubility	insoluble in water	conforms
Amino acid composition	± 10 % of theoretical	conforms

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

