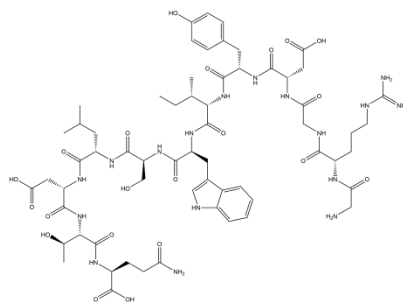


Technical Data Sheet

Product Name: Oligopeptide-68 (97% Powder)

INCI Name: Oligopeptide-68

Structure:



Product Properties:

Molecular Formula: C₆₂H₉₁N₁₇O₂₁

Molecular Weight : 1410.49

CAS Number : 1206525-47-4

EINECS : 205-358-3

Specification:

Items	Specifications
Appearance	White or almost white fluffy powder
Water Content (Karl Fischer)	≤ 8.0%
Acetic Acid (By HPLC)	≤15.0%
Peptide Purity (By HPLC)	≥97.0%

Oligopeptide-68 is a high-purity bioactive oligopeptide powder designed for cosmetic applications, primarily functioning to inhibit melanin synthesis signals and achieve skin brightening effects.

Function:

- ❖ Melanin Inhibition: Reduces melanin production at the source by blocking tyrosinase activity;
- ❖ Skin Brightening: Effectively improves dullness, leaving the skin more radiant and luminous;
- ❖ Spot Fading: Targets existing hyperpigmentation to help diminish dark spots and acne marks;
- ❖ Antioxidant Protection: Scavenges free radicals and defends the skin against environmental oxidative damage;
- ❖ Collagen Boosting: Stimulates collagen synthesis to enhance skin elasticity and firmness.

Application:

- ❖ Serums: Incorporated as a core brightening ingredient in high-performance serums;
- ❖ Creams & Lotions: Blended into daily moisturizers for sustained skin-lightening effects;
- ❖ Masks: Suitable for sheet masks or wash-off masks to provide intensive brightening care;
- ❖ Ampoules & Concentrates: Used in high-potency ampoule products for rapid complexion improvement;
- ❖ Sunscreens: Synergistically enhances the protective effects of sunscreen formulations against pigmentation.

Recommended use level: 0.5% - 5.0% (Water-soluble)

Package:

1g/bottle; Or as per customer requirements.

Storage:

Store at a temperature of 2-8°C, keep sealed and away from light.

Shelf life:

Two years.

Disclaimer:

The above information is meant to be informative and for general purpose only. MRK Trading accept no liability arising from or in connection with use or reliance of this information or anything contained in it. Please seek independent professional advice and perform laboratory test if necessary.