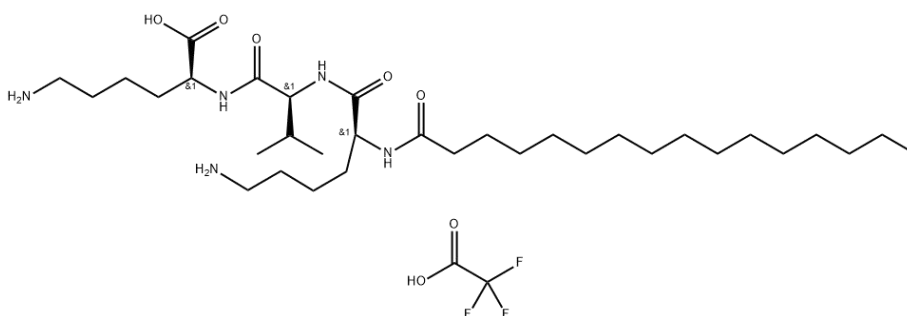


Technical Data Sheet

Product Name: Palmitoyl Tripeptide-5 (95% Powder)

INCI Name: Palmitoyl Tripeptide-5

Structure:



Product Properties:

Molecular Formula: C₃₅H₆₆F₃N₅O₇

Molecular Weight : 725.94

CAS Number : 623172-56-5

EINECS : 200-798-2

Specification:

Items	Specifications
Appearance	white or almost white fluffy powder
Peptide Purity(By HPLC)	≥95.0%
Water Content(Karl Fischer)	≤8.0%
Organic Solvent Residue	Acetonitril S 0.041%
	Dichloromethane S 0.06%
	N,N-Dimethylformamide≤ 0.088%

anti-aging peptide that stimulates collagen production and reduces fine lines and wrinkles. It is widely used in premium anti-aging skincare products.

Function:

- ❖ Collagen Promotion: Activates fibroblasts in the skin to increase collagen and elastin synthesis, reducing fine lines and wrinkles;
- ❖ Anti-Wrinkle: Reduces the depth and number of existing wrinkles for firmer and more radiant skin;
- ❖ Repair: Promotes skin repair and improves damaged skin barrier function;
- ❖ Moisturizing: Enhances skin hydration and softness by locking in moisture.

Application:

- ❖ Anti-Aging Serums: Used as a key ingredient to reduce wrinkles, recommended concentration of 0.1%-1%;
- ❖ Creams and Lotions: Added to daily moisturizing products to boost anti-aging benefits, suitable for morning and evening use;
- ❖ Eye Care: Incorporated into eye creams to reduce under-eye fine lines and puffiness, enhancing elasticity in the eye area;
- ❖ Repair Masks: Used in repair-focused masks to improve damaged skin and enhance skin barrier function.

Recommended use level: 0.001%-0.01% (Oil-soluble, water-insoluble)

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.