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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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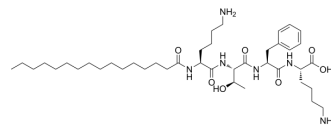
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Palmitoyl tetrapeptide-10

| | |
|----------------------|---|
| Cat. No.: | HY-P5269 |
| CAS No.: | 887140-79-6 |
| Molecular Formula: | C ₄₁ H ₇₂ N ₆ O ₇ |
| Molecular Weight: | 761.05 |
| Sequence: | {Palmitoyl-Lys}-Thr-Phe-Lys |
| Sequence Shortening: | {Palmitoyl-Lys}-TFK |
| Target: | Others |
| Pathway: | Others |
| Storage: | Sealed storage, away from moisture |
| | Powder -80°C 2 years |
| | -20°C 1 year |



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (164.25 mM; Need ultrasonic)

| Concentration | Solvent | Mass | | |
|---------------------------|---------|-----------|-----------|------------|
| | | 1 mg | 5 mg | 10 mg |
| Preparing Stock Solutions | 1 mM | 1.3140 mL | 6.5699 mL | 13.1397 mL |
| | 5 mM | 0.2628 mL | 1.3140 mL | 2.6279 mL |
| | 10 mM | 0.1314 mL | 0.6570 mL | 1.3140 mL |

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Palmitoyl tetrapeptide-10 is a bioactive peptide with anti-aging effect and has been reported used as a cosmetic ingredient^[1]

REFERENCES

[1]. Wenner K, et al. An Open-Label Study Assessing the Efficacy and Tolerability of a Skincare Regimen in Subjects of Different Ethnicities with Moderate-to-Severe Hyperpigmentation. *J Cosmet Dermatol.* 2022;21(6):2497-2507.

Caution: Product has not been fully validated for medical applications. For research use only.

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