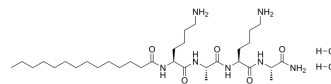


Myristoyl tetrapeptide-12 dihydrochloride

Cat. No.: HY-W108953A
Molecular Formula: C₃₂H₆₅Cl₂N₇O₅
Molecular Weight: 698.81
Sequence: {Myristoyl-Lys}-Ala-Lys-Ala-NH₂
Sequence Shortening: {Myr-Lys}AKA-NH₂
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 : 12.5 mg/mL (17.89 mM); ultrasonic and warming and heat to 60°C)

| Concentration | Solvent | Mass | | |
|---------------------------|---------|-----------|-----------|------------|
| | | 1 mg | 5 mg | 10 mg |
| Preparing Stock Solutions | 1 mM | 1.4310 mL | 7.1550 mL | 14.3100 mL |
| | 5 mM | 0.2862 mL | 1.4310 mL | 2.8620 mL |
| | 10 mM | 0.1431 mL | 0.7155 mL | 1.4310 mL |

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

BIOLOGICAL ACTIVITY

Description

Myristoyl tetrapeptide-12 dihydrochloride is a peptide containing lysine and alanin. Myristoyl tetrapeptide-12 dihydrochloride is utilized as hair cair preparations agent in cosmetics industry^[1].

REFERENCES

[1]. Donald O, et al., Oligomeric biosurfactants in dermatocosmetic compositions. WO2009148947

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

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