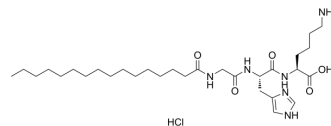


## Palmitoyl Tripeptide-1 hydrochloride

Cat. No.:	HY-P0047A
CAS No.:	2757690-14-3
Molecular Formula:	C <sub>30</sub> H <sub>55</sub> ClN <sub>6</sub> O <sub>5</sub>
Molecular Weight:	615.25
Target:	Others
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 250 mg/mL (406.34 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.6254 mL	8.1268 mL	16.2536 mL
	5 mM	0.3251 mL	1.6254 mL	3.2507 mL
	10 mM	0.1625 mL	0.8127 mL	1.6254 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Palmitoyl tripeptide-1 hydrochloride is a fatty acid modified polypeptide. Palmitoyl Tripeptide-1 has good wrinkle-removing effect<sup>[1]</sup>.

#### In Vitro

Palmitoyl tripeptide-1 hydrochloride can perform feedback regulation and control on the processes of connective tissue reconstruction and cell proliferation<sup>[1]</sup>.

Palmitoyl tripeptide-1 hydrochloride can promote the generation of skin repair protein in the process of skin repair<sup>[1]</sup>. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Ke Yinghua, et al. Eye cream for smoothing fine wrinkles and tightening skin. Patent. CN110664692A.

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

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