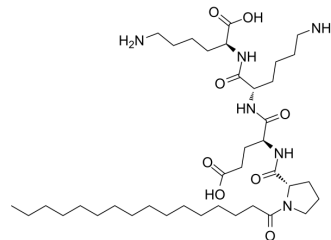


Palmitoyl tetrapeptide-20

Cat. No.:	HY-P5247
Molecular Formula:	C ₃₈ H ₇₀ N ₆ O ₈
Molecular Weight:	739
Sequence:	{Pal}-Pro-Glu-Lys-Lys
Sequence Shortening:	{Pal}-PEKK
Target:	Melanocortin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Palmitoyl tetrapeptide-20 (PTP20) is a biomimetic peptide that is an agonist for α -MSH. Palmitoyl tetrapeptide-20 can protect follicular melanocytes and activate melanogenesis by enhancing catalase expression^[1].

REFERENCES

[1]. Almeida Scalvino S, et al. Efficacy of an agonist of α -MSH, the palmitoyl tetrapeptide-20, in hair pigmentation. *Int J Cosmet Sci.* 2018;40(5):516-524.

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

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