



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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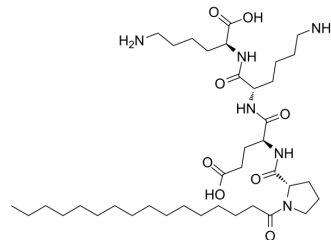
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Palmitoyl tetrapeptide-20

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:	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 : 28.57 mg/mL (38.66 mM; adjust pH to 4 with 1 M HCL)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
			1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.3532 mL	6.7659 mL	13.5318 mL
	5 mM		0.2706 mL	1.3532 mL	2.7064 mL
	10 mM		0.1353 mL	0.6766 mL	1.3532 mL

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

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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