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Produktinformation



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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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ACTH (7-38) (human)

Cat. No.:	HY-P4874	
CAS No.:	68563-24-6	
Molecular Formula:	C ₁₆₇ H ₂₅₇ N ₄₇ O ₄₆	Phe-Arg-Trp-Gly-Lys-Pro-Val-Gly-Lys-
Molecular Weight:	3659.11	Lys-Arg-Arg-Pro-Val-Lys-Val-Tyr-Pro-
Sequence:	Phe-Arg-Trp-Gly-Lys-Pro-Val-Gly-Lys-Lys-Arg-Arg-Pro-Val-Lys-Val-Tyr-Pro-Asn-Gly-Ala- -Glu-Asp-Glu-Ser-Ala-Glu-Ala-Phe-Pro-Leu-Glu	Asn-Gly-Ala-Glu-Asp-Glu-Ser-Ala-Glu- Ala-Phe-Pro-Leu-Glu
Sequence Shortening:	FRWGKPVGKKRRPVKVYPNGAEDESAEAFPLE	
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 : 10 mg/mL (2.73 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	0.2733 mL	1.3665 mL	2.7329 mL
5 mM	---	---	---
10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

ACTH (7-38) (human) is the 7-38 fragment of human ACTH (1-39). human ACTH (1-39), known as a corticotropin inhibitory peptide (CIP), is an antagonist of the ACTH receptor and has no any corticosteroid activity^[1].

REFERENCES

[1]. Verma PS, et.al. Inhibition of canine lung angiotensin converting enzyme by ACTH and structurally related peptides. Biochem Biophys Res Commun. 1982 Feb 26;104(4):1484-8.

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

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