

ACTH (7-38) (human)

Cat. No.:	HY-P4874
CAS No.:	68563-24-6
Molecular Formula:	C ₁₆₇ H ₂₅₇ N ₄₇ O ₄₆
Molecular Weight:	3659.11
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
Sequence Shortening:	FRWGKPVGKKRRPVKVYPNGAEDESAEAFPLE
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

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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