

Adrenocorticotrophic hormone TFA

Cat. No.:	HY-106373A
Molecular Formula:	$C_{207}H_{308}N_{56}O_{58}.x.C_2H_3O_2$
Sequence:	Ser-Tyr-Ser-Met-Glu-His-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-Phe Adrenocorticotrophic hormone (TFA salt)
Sequence Shortening:	SYSMEHFRWVGKPVGKKRRPVKVPNGAEDESAEAFPLEF
Target:	Androgen Receptor
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	Sealed storage, away from moisture and light Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 50 mg/mL (Need ultrasonic)
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BIOLOGICAL ACTIVITY

Description	Adrenocorticotrophic hormone (ACTH) TFA is a polypeptide tropic hormone produced by the anterior pituitary gland. Adrenocorticotrophic hormone regulates cortisol and androgen production ^{[1][2]} .
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REFERENCES

[1]. Hounghbadji MST, et al. Syndrome de résistance à l'Adrenocorticotrophine Hormone (ACTH): à propos d'un cas [Adrenocorticotrophic hormone (ACTH) insensitivity syndrome: about a case]. Pan Afr Med J. 2018 Aug 2;30:244. French.

[2]. Campbell I, et al. The effect of adrenocorticotrophic hormone on the yield, composition and butterfat properties of cow's milk. Journal of Dairy Research. 1964, 31(1), 71-79.

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

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