

ACTH (1-13)

Cat. No.:	HY-P1555
CAS No.:	22006-64-0
Molecular Formula:	C ₇₅ H ₁₀₆ N ₂₀ O ₁₉ S
Molecular Weight:	1623.83
Sequence:	Ser-Tyr-Ser-Met-Glu-His-Phe-Arg-Trp-Gly-Lys-Pro-Val
Sequence Shortening:	SYSMEHFRWGKPV
Target:	Others
Pathway:	Others
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)

BIOLOGICAL ACTIVITY

Description	ACTH (1-13) is a 13-aa peptide, with cytoprotective effects in the model of ethanol induced gastric lesions in rats.
In Vitro	Adrenocorticotrophic hormone (ACTH) is a tropic hormone produced by the anterior pituitary, regulates cortisol and androgen production and is associated with Addison disease, Cushing syndrome and Cushing disease ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
In Vivo	ACTH (1-13) alone or in combination with met-enkephalin shows potent cytoprotective effects in the model of ethanol induced gastric lesions in rats, and has immunomodulatory effects ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Mulabegović N, et al. Pharmacodynamic properties of a combination of met-enkephalin and alpha 1-13 adrenocorticotrophic hormone. Med Arh. 2008;62(1):41-4.
- [2]. Allen MJ, et al. Adrenocorticotrophic Hormone (ACTH). StatPearls. 2018.7.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA