



## ACTH (6-24) (human, mouse, rat, porcine, bovine, ovine) (trifluoro acetate salt)

Cat No: 27403 - 500 µg

### General Data

**Shipping:** dry ice

**Formulation:** A solid

**Purity:** ≥95%

H—His—Phe—Arg—Trp—Gly—Lys—Pro—Val—Gly—Lys—  
Lys—Arg—Arg—Pro—Val—Lys—Val—Tyr—Pro—OH  
• XCF<sub>3</sub>COOH

### Product Overview

ACTH (6-24) is a peptide fragment of adrenocorticotrophic hormone (ACTH; Item No. 24257), a peptide hormone found in the brain that is involved in the biological stress response.<sup>{45171,45140}</sup> ACTH (6-24) is a competitive inhibitor of steroidogenesis induced by ACTH (1-39) and ACTH (5-24) with mean K<sub>d</sub> values of 13.4 and 3.4 nM, respectively.<sup>{38620}</sup> It also inhibits corticosterone production and cAMP accumulation induced by human parathyroid hormone (1-34) (Item No. 24985) when used at a concentration of 100 nM.<sup>{45172}</sup>

FP/03/24

**For research laboratory use only – Not for human diagnostic use.**

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

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**Contact Bertin Bioreagent**

Parc d'Activités du Pas du Lac  
10 bis avenue Ampère  
78180 Montigny le Bretonneux - France  
Tel.: +33 (0)139 306 036

<https://www.bertin-bioreagent.com/pa206/contact-us>  
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