

Product Name: ACTH (3-24) (human, mouse, rat, porcine, bovine, ovine) (trifluoroacetate salt)
Cat. No.: GC92115

Cas. No.

[illegible]

Formula	C ₁₂₄ H ₁₉₆ N ₃₈ O ₂₇ S ? XCF ₃ COOH	M.Wt	2683.2
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Solubility	DMSO: Sparingly soluble: 1-10 mg/mL, PBS (pH 7.2): Sparingly soluble: 1-10 mg/mL	Storage	-20°C
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General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.
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Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.
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Structure

H—Ser—Met—Glu—His—Phe—Arg—Trp—Gly—Lys—Pro—
Val—Gly—Lys—Lys—Arg—Arg—Pro—Val—Lys—Val—
Tyr—Pro—OH

• XCF₃COOH

Adrenocorticotrophic hormone (ACTH) (3-24) is a potential impurity found in commercial preparations of tetracosactide, also known as cosyntropin, a synthetic form of ACTH (1-24).¹

[1]. Taichrib, A., Scriba, G.K., and Neusüss, C. Identification and characterization of impurities of

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

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Product Data Sheet

tetracosactide by capillary electrophoresis and liquid chromatography coupled to time-of-flight mass spectrometry Anal. Bioanal. Chem. 401(4)1365-1375(2011).

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