



LKT Laboratories, Inc.

γ -3 Melanocyte Stimulating Hormone

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Product Information

Product ID M7532

CAS No.

Chemical Name

Synonym γ 3-MSH

Formula C₁₂₆H₁₈₈N₄₄O₃₇S

Formula Wt. 2943.22

Melting Point

Purity \geq 98%

Solubility Soluble in acid.

Tyr-Val-Met-Gly-His-Phe-Arg-
Trp-Asp-Arg-Phe-Gly-Arg-Arg-
Asn-Gly-Ser-Ser-Ser-Ser-Gly-
Val-Gly-Gly-Ala-Ala-Gln

Product ID	Size
M7532	1 mg

Store Temp -20° C

Ship Temp Ambient

Description γ -3 Melanocyte-stimulating hormone (γ -3 MSH) is an endogenous POMC-derived peptide found in the pituitary that activates melanocortin receptors. γ -3 MSH promotes release of melanin by melanocytes and modulates adrenocorticotrophic hormone (ACTH)-induced steroidogenesis.

References Slominski A, Costantino R, Wortsman J, et al. Melanotropic activity of gamma MSH peptides in melanoma cells. *Life Sci.* 1992;50(15):1103-8. PMID: 1556905.

Sharp B, Sowers JR. Adrenocortical response to corticotropin is inhibited by gamma 3-MSH antisera in normotensive and spontaneously hypertensive rats. *Biochem Biophys Res Commun.* 1983 Jan 27;110(2):357-63. PMID: 6301449.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.