



LKT Laboratories, Inc.

γ -1 Melanocyte Stimulating Hormone

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Product Information

Product ID M7531

CAS No. 72629-65-3

Chemical Name

Synonym γ 1-MSH, gamma-1 MSH

Formula C₇₂H₉₇N₂₁O₁₄S

Formula Wt. 1512.8

Melting Point

Purity $\geq$ 98%

Solubility Soluble in 20% acetonitrile
(1 mg/mL).

Tyr-Val-Met-Gly-His-Phe-Arg-
Trp-Asp-Arg-Phe-NH₂

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
M7531	1 mg	\$211.90

Store Temp -20°C

Ship Temp Ambient

Description γ -1 Melanocyte-stimulating hormone (γ -1 MSH) is an endogenous POMC-derived peptide found in the pituitary that activates melanocortin receptors. γ -1 MSH increases release of extracellular dopamine in the ventral tegmental area (VTA) and promotes the release of melanin by melanocytes.

References Jansone B, Bergstrom L, Svirskis S, et al. Opposite effects of gamma(1)- and gamma(2)-melanocyte stimulating hormone on regulation of the dopaminergic mesolimbic system in rats. *Neurosci Lett.* 2004 May 6;361(1-3):68-71. PMID: 15135895.

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