

DATASHEET

Version: 2016-08-18

 α -Melanocyte-Stimulating Hormone (MSH), amide**Cat. No.:** RP10644-1**Size:** 1 mg

Alias: α -MSH, amidemelanotropin α -Melanocyte Stimulating Hormone; α Melanocyte Stimulating Hormone; a-Melanocyte Stimulating Hormone; aMelanocyte Stimulating Hormone; alpha-Melanocyte Stimulating Hormone; alphaMelanocyte Stimulating Hormone

Description:

Alpha-MSH (alpha melanocyte-stimulating hormone) is an ancient tridecapeptide with potent inhibitory activity in all major forms of inflammation. ACTH has structural similarities to alpha-MSH. ACTH and alpha-MSH can induce grooming, stretching, yawning, penile erection responses in male rats, site of action in the brain and role of melanocortin receptors.

Cas No: 581-05-5**N-Terminal:** Ac**C-Terminal:** NH₂**Sequence (one-letter code):**Ac-SYSMEHFRWGKPV-NH₂**Sequence (three-letter code):**

Ac-
{SER}{TYR}{SER}{MET}{GLU}{HIS}{PHE}{ARG}{TRP}{GLY}{L
YS}{PRO}{VAL}-NH₂

Formula: C₇₇H₁₀₉N₂₁O₁₉S₁**Molecular Weight:** 1,664.9**Purity:** > 95%**Storage:**

Store the peptide at -20°C. Keep container tightly closed.

Note: Alpha-MSH is derived from ACTH 1-13. Alpha-MSH is a hormone that stimulates melanogenesis and facilitates learning and memory. Alpha-MSH can affect inflammatory and immune responses and peripheral nerve regeneration.

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