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**Product Data Sheet**

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Product Name: Melanotropin-Potentiating Factor

Cat. No.: GA23188

**Chemical Properties**

Cas. No. 72189-84-5

Formula  $C_{19}H_{36}N_6O_7$  M.Wt 460.53Solubility Soluble in DMSO Storage Store at  $-20^{\circ}C$ 

General tips For obtaining a higher solubility , please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

KKGE, the C-terminal tetrapeptide of  $\beta$ -endorphin, potentiates the interaction of  $\beta$ -endorphin with its brain opiate receptors. KKGE also potentiates the melanotropic activity of melanocyte-stimulating hormones (MSH) and seems to be involved in

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

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