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**Product Data Sheet**

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Product Name:  $\beta$ -Endorphin, equine

Cat. No.: GC38005

**Chemical Properties**

Cas. No. 79495-86-6

Formula  $C_{154}H_{248}N_{42}O_{44}S$ 

M.Wt 3423.94

Solubility Soluble in DMSO

Storage Store at -20°C

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.

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

Structure **Background**

$\beta$ -Endorphin, equine is an endogenous opioid peptide with analgesic properties[1].

[1]. Niinistö KE, et al. Plasma levels of heat shock protein 72 (HSP72) and beta-endorphin as indicators of stress, pain and prognosis in horses with colic. Vet J. 2010 Apr;184(1):100-4.

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

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