
Product Data Sheet

Product Name: Spinorphin TFA

Cat. No.: GC69939

Chemical Properties

Cas. No.

Formula C₄₇H₆₅F₃N₈O₁₂

M.Wt 991.06

Solubility H₂O : 33.33 mg/mL (33.63 mM; Need ultrasonic) 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**

Spinorphin TFA is an inhibitor of enkephalin-degrading enzymes. Spinorphin inhibits angiotensin-converting enzyme and enkephalinase. Spinorphin possesses an antinociceptive effect^[1].

[1]. M Honda, et al. Spinorphin, an endogenous inhibitor of enkephalin-degrading enzymes, potentiates leu-enkephalin-induced anti-allodynic and antinociceptive effects in mice. Jpn J Pharmacol. 2001 Dec;87(4):261-7.

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

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