
Product Data Sheet

Product Name: LGnRH-III, lamprey

Cat. No.: GC36445

Chemical Properties

Cas. No. 147859-97-0

Formula C₅₉H₇₄N₁₈O₁₄ M.Wt 1259.33

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**

LGnRH-III, lamprey, an isoform of GnRH isolated from the sea lamprey, is a weak GnRH agonist with antitumor activities[1][2]. GnRH[2]

[1]. Pappa EV, et al. Structure-activity studies of IGnRH-III through rational amino acid substitution and NMR conformational studies. Biopolymers. 2012;98(6):525-34. [2].

Manea M, et al. IGnRH-III -- a promising candidate for anticancer drug development. Protein Pept Lett. 2013 Apr;20(4):439-49.

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

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