

Product Data Sheet

Product Name: CJC-1295

Cat. No.: GC47097

Chemical Properties

Cas. No. 446036-97-1

[illegible]

Formula	C152H252N44O42	M.Wt	3367.9
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Solubility	DMF: slightly soluble,DMSO: 1mg/mL,Ethanol: slightly soluble	Storage	Store at -20°C
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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.
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Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.
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Structure

Background

CJC-1295 is a synthetic peptide derivative of growth hormone-releasing hormone (GHRH).¹ Unlike CJC-1295-DAC, CJC-1295 does not contain a drug affinity complex (DAC) moiety and has a shorter half-life than the DAC-conjugated version in the blood.² CJC-1295 increases the secretion of growth hormone in primary rat anterior pituitary cells when used from picomolar to micromolar concentrations

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

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and into rat blood when administered subcutaneously at a dose of 1 $\mu\text{mol/kg}$.¹

1. Bridon, D.P., Boudjellab, N., Leger, R., et al. Long lasting growth hormone releasing factor derivatives (2002) 2. Teichman, S.L., Neale, A., Lawrence, B., et al. Prolonged stimulation of growth hormone (GH) and insulin-like growth factor I secretion by CJC-1295, a long-acting analog of GH-releasing hormone, in healthy adults. *J. Clin. Endocrinol. Metab.* 91(3):799-805 (2006)

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