



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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CJC-1295 acetate(863288-34-0 free base)

## Chemical Properties

CAS No. :

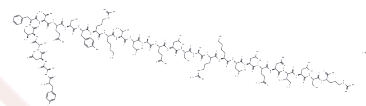
Formula: C154H256N44O44

Molecular Weight: 3428.01

Appearance: no data available

Storage: keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description   | CJC-1295 acetate(863288-34-0 free base) (DAC:GRF acetate) is a synthetic analogue of growth hormone-releasing hormone (GHRH) (also known as growth hormone-releasing factor (GRF)) and a growth hormone secretagogue (GHS)                                                                                                                                                                                                                                                                                |
| Targets(IC50) | GHSR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| In vivo       | CJC-1295 markedly increases plasma growth hormone (GH) and insulin-like growth factor 1 (IGF-1) levels in both animals and humans.[1] With a single injection, in human subjects, CJC-1295 increases plasma GH levels by 2- to 10-fold for 6 days or longer and plasma IGF-1 levels by 0.5- to 3-fold for 9 to 11 days.[3] The drug has an estimated half-life of about 6 to 8 days in humans.[3] With multiple doses of CJC-1295, IGF-1 levels were found to remain elevated in humans for up to 28 days |

## Solubility Information

|            |                                                                                 |
|------------|---------------------------------------------------------------------------------|
| Solubility | DMSO: 10 mM,<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.2917 mL | 1.4586 mL | 2.9171 mL |
| 5 mM  | 0.0583 mL | 0.2917 mL | 0.5834 mL |
| 10 mM | 0.0292 mL | 0.1459 mL | 0.2917 mL |
| 50 mM | 0.0058 mL | 0.0292 mL | 0.0583 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Jetté L, Léger R, Thibaudeau K, Benquet C, Robitaille M, Pellerin I, et al. (July 2005). "Human growth hormone-releasing factor (hGRF)1-29-albumin bioconjugates activate the GRF receptor on the anterior pituitary in rats:

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