OLYMPUS PEPTIDE

CJC-1295 NO DAC

(Growth Hormone Releasing Hormone Analog)

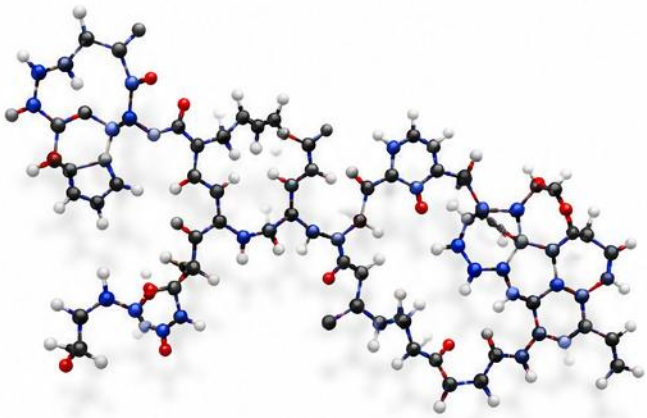
TECHNICAL INFORMATION SHEET

RESEARCH USE ONLY

PRODUCT NAME	CJC-1295 No DAC (Growth Hormone Releasing Hormone Analog)
SYNONYMS	CJC-1295; GRF(1–29); hGRF(1–29); GHRH(1–29)
CAS NUMBER	863288-34-0
PEPTIDE CLASS	Growth hormone secretagogue peptide
PEPTIDE LENGTH	29 amino acids
APPEARANCE	White to off-white lyophilized powder
SOLUBILITY	Soluble in Water for Injection (WFI), bacteriostatic water, or sterile saline
STORAGE (LYOPHILIZED)	2–8°C short-term; –20°C or below for long-term. Protect from light and moisture.
STORAGE (AFTER RECONSTITUTION)	2–8°C. Avoid repeated freeze–thaw cycles.
MOLECULAR WEIGHT	3,379.19 g/mol
MOLECULAR FORMULA	$C_{152}H_{265}N_{49}O_{45}$

ILLUSTRATIVE 3-D MOLECULAR VISUALIZATION

Illustrative 3-D molecular visualization of CJC-1295 No DAC (Growth Hormone Releasing Hormone Analog).



Carbon Hydrogen Nitrogen Oxygen

Illustrative 3-D molecular visualization of the CJC-1295 No DAC structure.

The model represents the chemical structure based on the amino acid sequence.

PEPTIDE BACKBONE SEQUENCE (ONE-LETTER CODE)

Sequence (29 amino acids)	Y A D D F T N P W L P D A P R G P A L E R P R G G E D A A A

Note: This is the peptide backbone sequence (one-letter code).
No post-translational modifications are present in CJC-1295 No DAC.

COMPONENT SPECIFICATIONS

PARAMETER	SPECIFICATION
CAS Number	863288-34-0
Amino Acid Sequence (29 amino acids)	Tyr-Ala-Asp-Asp-Phe-Thr-Asn-Pro-Trp-Leu-Pro-Asp-Ala-Pro-Arg-Gly-Pro-Ala-Leu-Glu-Arg-Pro-Arg-Gly-Gly-Glu-Asp-Ala-Ala-Ala
One-Letter Sequence	YADDFTNPWLPDAPRGPALEPRRGGEDAAA
Molecular Formula	$C_{152}H_{265}N_{49}O_{45}$
Molecular Weight	3,379.19 g/mol

MOLECULAR WEIGHT: 3,379.19 g/mol.
This value is the sum of the individual peptide molecular weights and is provided for reference only.
The compound is not a single chemical entity.

DESCRIPTION

CJC-1295 No DAC is a synthetic analog of growth hormone releasing hormone (GHRH) consisting of the first 29 amino acids of human GHRH.

It stimulates the pituitary gland to increase the secretion of growth hormone (GH), which may support growth hormone production, recovery, body composition, and overall well-being.

This peptide is supplied as a lyophilized powder for research use only.

KEY CHARACTERISTICS

- Growth hormone releasing hormone analog
- Stimulates natural GH secretion
- Supports recovery, tissue repair, and body composition research
- Research peptide
- Supplied as a sterile lyophilized powder
- Highly water soluble
- Typically analyzed using HPLC and LC-MS
- Stable for long-term frozen storage when lyophilized

SCIENTIFIC NOTE

CJC-1295 No DAC is a research peptide and is not approved as a therapeutic drug by the FDA or Health Canada. All use is restricted to laboratory research.

The information provided is for reference purposes only and is not intended for human or veterinary use.