



AMINO PEPTIDES

PRODUCT SPECIFICATION SHEET

Note: This document details the theoretical chemical properties and target specifications of this research compound. For batch-specific, independent laboratory test results, please refer to the independent Certificate of Analysis (C.O.A.) provided on our product page.

1. Product Identification

Product Name: CJC-1295 (with DAC)

Synonyms: CJC-1295 DAC, DAC:GRF (1–29), [tetrasubstituted-3-maleimidopropionamide] GRF(1-29)

CAS Number: 446262-90-4

PubChem CID: 56841945

2. Chemical Properties

Amino Acid Sequence:

Tyr-D-Ala-Asp-Ala-Ile-Phe-Thr-Gln-Ser-Tyr-Arg-Lys-Val-Leu-Ala-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Leu-Ser-Arg-(N ϵ -maleimidopropionyl)Lys-NH₂

Molecular Formula: C₁₆₅H₂₆₉N₄₇O₄₆

Theoretical Molecular Weight: 3647.25 Da

Form: Lyophilised powder

Appearance: Solid, White

3. Target Specifications

Target Purity (HPLC): \geq 98.0%

Target Identity (MS): Expected MW 3647.25 Da (\pm standard analytical tolerance)

Expected Peptide Content: \geq 80.0%

4. Storage and Handling Guidelines

Storage (Lyophilised): Store at -20°C or below. Protected from light and moisture.

Storage (Reconstituted): Store at 2°C to 8°C for up to 20 days. Do not freeze once reconstituted.

Usage: For laboratory research and in-vitro use only. Not for human or veterinary use.