



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: Tesamorelin

Synonyms: TH9507, Hex-3-enoyl-GHRH, Egrifta

CAS Number: 218949-48-5

PubChem CID: 16137828

2. Chemical Properties

Amino Acid Sequence:

Trans-3-Hexenoyl-Tyr-Ala-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg-Lys-Val-Leu-Gly-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-Gln-Gln-Gly-Glu-Ser-Asn-Gln-Glu-Arg-Gly-Ala-Arg-Ala-Arg-Leu-NH₂

Molecular Formula: C₂₂₁H₃₆₆N₇₂O₆₇S

Theoretical Molecular Weight: 5135.86 Da

Form: Lyophilised powder

Appearance: Solid, White

3. Target Specifications

Target Purity (HPLC): >= 98.0%

Target Identity (MS): Expected MW 5135.86 Da (± standard analytical tolerance)

Expected Peptide Content: >= 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.