



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: Dermorphin

Synonyms: H-Tyr-D-Ala-Phe-Gly-Tyr-Pro-Ser-NH₂, tyrosyl-alanyl-phenylalanyl-glycyl-tyrosyl-prolyl-serinamide

CAS Number: 77614-16-5

PubChem CID: 5485199

2. Chemical Properties

Amino Acid Sequence: Tyr-D-Ala-Phe-Gly-Tyr-Pro-Ser-NH₂

Molecular Formula: C₄₀H₅₀N₈O₁₀

Theoretical Molecular Weight: 802.87 Da

Form: Lyophilised powder

Appearance: Solid, White

3. Target Specifications

Target Purity (HPLC): >= 98.0%

Target Identity (MS): Expected MW 802.87 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.