



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: KPV

Synonyms: alpha-MSH (11-13), Lys-Pro-Val, Lysine-Proline-Valine

CAS Number: 67727-97-3

PubChem CID: 125672

2. Chemical Properties

Amino Acid Sequence: Lys-Pro-Val

Molecular Formula: $C_{16}H_{30}N_4O_4$

Theoretical Molecular Weight: 342.43 Da

Form: Lyophilised powder

Appearance: Solid, White

3. Target Specifications

Target Purity (HPLC): $\geq 98.0\%$

Target Identity (MS): Expected MW 342.43 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.