



AMINO PEPTIDES

SS-31 & MOTS-c & NAD+

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.

VIAL CONTENTS

COMPONENT	CAS NUMBER	MOLECULAR FORMULA	MOLECULAR WEIGHT	SEQUENCE	APPEARANCE
SS-31 (Elamipretide) Elamipretide	736992-21-5	C ₃₂ H ₄₉ N ₉ O ₅	639.80 g/mol	RYKF	White, Lyophilised Solid
MOTS-c (Mitochondrial-Derived Peptide) MOTS-c	1627580-64-6	C ₁₀₁ H ₁₅₂ N ₂₈ O ₂₂ S ₂	2174.60 g/mol	MRWQEMGYIFYPR KLR	White, Lyophilised Solid
NAD+ (Nicotinamide Adenine Dinucleotide) Nicotinamide adenine dinucleotide	53-84-9	C ₂₁ H ₂₇ N ₇ O ₁₄ P ₂	663.40 g/mol	–	White, Lyophilised Solid

PHYSICAL PROPERTIES

Form	Separate vials
Appearance	Recorded per vial

SPECIFICATIONS

Target Purity (HPLC)	>= 98.0%
Expected Peptide Content	>= 80.0%

STORAGE & HANDLING

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.