SIDECHAIN ANALYTICS

SCAN TO VERIFY
COA-2026-SC-03370
sidechainanalytics.com/verify

CERTIFICATE OF ANALYSIS · IDENTITY · PURITY

MOTS-c

10 mg

Client: **PR**
LAB ID MOTS-216_D ISSUED SEPTEMBER 30, 2026

§ 01 Sample Information

Sample ID:	**MOTS-216_D**
Compound:	**MOTS-c**
Report No.:	**COA-2026-SC-03370**
Total Mass:	**86.3 mg**
Appearance:	**Lyophilized powder**
Received:	**09/22/2026**
Analyzed:	**09/30/2026**
CAS:	**1627580-64-6**
Formula:	$C_{101}H_{152}N_{28}O_{22}S_2$
Mol Weight:	**2174.5 g/mol**



SAMPLE PHOTOGRAPH

§ 02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)
Instrument · Agilent 1290 Infinity II with Agilent 6495 QQQ

IDENTITY	NET PEPTIDE CONTENT	PEPTIDE FILL ACCURACY	CHROMATOGRAPHIC PURITY
MOTS-c	**11.26 mg**	**112.5 %**	**99.5 %**
Principal component confirmed against reference standard	Total peptide in the vial as received	Measured net content ÷ declared label claim	Principal-component peak area (Ph. Eur. 2.2.46)

Identity confirmation criteria — MRM 725.5 › 175.1 (quantifier); retention time —: in agreement with reference standard.

Chromatographic purity bounds peptide-related impurities only — not excipients, counter-ions, or residual water — and is separate from net peptide content. Values are reported as measured; this document contains **no pass/fail determination** against any specification or label claim.

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