

MOTS-c

PRODUCT	MOTS-c	APPEARANCE	White or off-white powder
LOT / BATCH NO.	CP44T260201	MANUFACTURING DATE	2026-02-02
CAS NO.	1627580-64-6	RETEST DATE	2028-02-01
MOLECULAR FORMULA	C ₁₀₁ H ₁₅₂ N ₂₈ O ₂₂ S ₂	STORAGE	-20 °C, desiccated, protected from light
MOLECULAR WEIGHT	2174.6 g/mol	REPORT DATE	2026-03-04

AMINO-ACID SEQUENCE
H-Met-Arg-Trp-Gln-Glu-Met-Gly-Tyr-Ile-Phe-Tyr-Pro-Arg-Lys-Leu-Arg-OH

#	TEST	SPECIFICATION	RESULT
1	Appearance	White or off-white powder	Conforms
2	Identity by MS	2174.6±2	2175.60
3	Peptide Purity	Reported value	99.47%
4	Peptide purity(By HPLC)	≥98.0%	99.14%
5	Acetic Acid Content	Reported value	6.82%
6	Water Content	Reported value	3.85%
7	Salt type	Acetic Acid	Conforms
8	Peptide Content	Reported value	91.64%



AUTHENTICITY VERIFICATION

NST-MOTS-CP44T260201-57A60F

Scan or visit nstresearch.com/verify?c=NST-MOTS-CP44T260201-57A60F to confirm this certificate against NST Research's issued-lot registry.



Batch analytical data reviewed & released under NST Research Quality Control

NST Research

Quality Control Department · Date: 2026-03-04

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