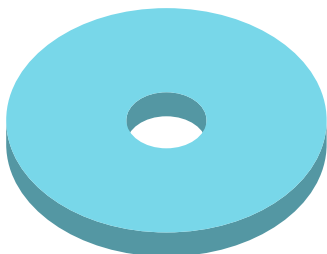


Product Information

Product Name:	MOTS-C 10mg		
CAS No:	1627580-64-6		
Lot No:	50126		
Molecular Weight:	2174.64	Molecular Formula:	C101H152N28O22S2
Peptide Sequence:	Met-Arg-Trp-Gln-Glu-Met-Gly-Tyr-Ile-Phe-Tyr-Pro-Arg-Lys-Leu-Arg		
Storage Conditions	Store in a cool dry place (2-8 c) away from light		


Analytical Test Results

Test	Allowable Specification	Result
Identity By MS	4730.91+3.0	MOTS-C
Appearance	White to off white lyophilized powder	Conforms
Solubility	Fully soluble in water	Conforms
Water Content	< 8.0%	Pass
PH (5mg/mL,H2O)	6.5 -8.0	Pass
Sodium Salt	< 5.0%	Pass
Purity (HPLC)	< 98.0%	99.85%
Related Substance	Total impurities > 2.0%	0.15%
Assay	95.0% - 105.0%	
Peptide Content	< 90.0%	
Organic Solvent Residue		Conforms



Peptide Purity (HPLC) 90.2

Impurity Level (HPLC) 9.8



Quality Assurance and Regulatory Information

- * **Compliance Statement:** Manufactured under GMP conditions, Conforming to ISO 9001:2015 standards
- * **Safety Information:** Non-Explosive, non-corrosive, non-radioactive, non-flammable, non toxic, Not a precursor for chemical weapons
- * **Usage Statement:** This product is intended for in vitro laboratory research purposes only. Not intended for diagnostic or therapeutic use.
- * **SDS Reference:** Refer to the Safety Data Sheet (SDS) for detailed handling and disposal instructions

Approval

Role	Name	Date
Quality Control Director	Alexander Holland	5/21/2026

VERIFICATION LINK
