

Certificate of Analysis

MOTS-C 10mg

Cat. No: MOT10-024
CAS No: 1627580-64-6
PubChem CID: 146675088
Chemical Name: MOTS-C 10mg
MG: 10mg

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₀₁H₁₅₂N₂₈O₂₂S₂
2174.6g/mol
Molecular Weight: Powder: -20°C 3 years ; 4°C 2 years ; 15°C 3 month
Storage: In solvent: -80°C 6 months ; -2°C 1 month ; 10°C 1 week
H-Met-Arg-Trp-Gln-Glu-Met-Gly-Tyr-Ile-Phe-Tyr-Pro-Arg-Lys-Leu-Arg-OH

Chemical Structure:

ANALYTICAL DATA

TestItems	Specifications	White to off-white	Results
Appearance:	lyophilized solid powder	>98.7% <0.50%	C onfor ms
Purity (HPLC):			98.9%
TFA Content:			C onfor ms

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.