

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

Molecular Weight: 2174.6g/mol

Storage: Powder: -20°C 3 years ; 4°C 2 years ; 15°C 3 month
In solvent: -80°C 6 months ; -2°C 1 month ; 10°C 1 week

Chemical Structure: H-Met-Arg-Trp-Gln-Glu-Met-Gly-Tyr-Ile-Phe-Tyr-Pro-Arg-Lys-Leu-Arg-OH

ANALYTICAL DATA

Test Items	Specifications	Results
Appearance:	White to off-white lyophilized solid powder	Conforms
Purity (HPLC):	>98.7%	98.9%
TFA Content:	<0.50%	Conforms

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.