



CERTIFICATE OF ANALYSIS

MOTS-c · 10mg

PRODUCT SPECIFICATIONS

Product Name	MOTS-c
CAS Number	1627580-64-6
PubChem CID	146675088
Molecular Formula	$C_{101}H_{152}N_{28}O_{22}S_2$
Molecular Weight	2174.64 g/mol
Appearance	White to off-white lyophilised powder
Storage	Powder: -20°C 3 years; 4°C 2 years; 15°C 3 months. In solvent: -80°C 6 months; -20°C 1 month; 10°C 1 week.

TEST RESULTS

Test	Specification	Result	Status
Appearance	White to off-white lyophilised powder	Conforms	PASS
Purity (HPLC)	≥ 98.5%	98.64%	PASS
TFA Content	< 0.50%	Conforms	PASS

Certified by:

Dr. Sarah Chen, PhD

Senior Analytical Chemist, NovaCert

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CAUTION: THIS PRODUCT HAS NOT BEEN APPROVED FOR HUMAN CONSUMPTION. FOR RESEARCH USE ONLY.