

Lot Number: **DPS-7407751**
 Client Name: **Direct Peptides**
 Identity: **directpeptides.com**

Lab Received Date: **11/03/2025**
 Analysis Conducted: **11/10/2025**
 Searchable via: **horizonanalytical.com**

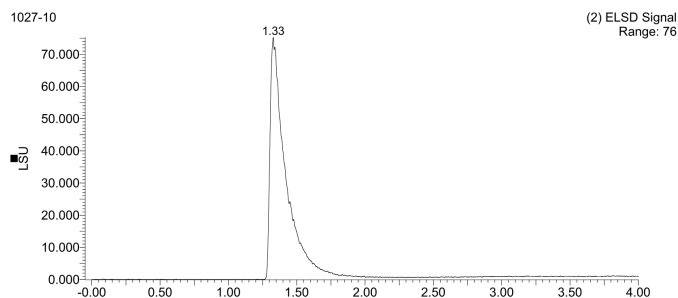
Compound:	MOTS-c
Report Number:	1000056
Appearance:	White Lyophilized Powder

CAS:	1627580-64-6
Formula:	C ₁₀₁ H ₁₅₂ N ₂₈ O ₂₂ S ₂
Mol Weight:	~2174.64 g/mol

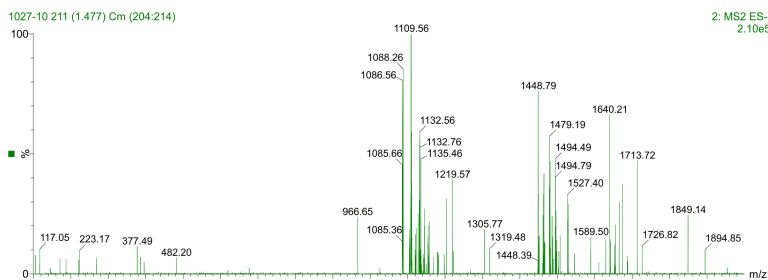
Pubchem CID: 255386757

Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	Scan to Validate:
Compound Test:	MOTS-c	MOTS-c	
Quantity:	10mg	-	
Purity:	>98%	99.08%	



UPLC

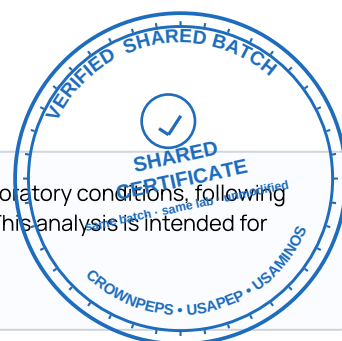


MS

Aleksey Yevtodiyyenko PhD
 Research and Formulation Chemist



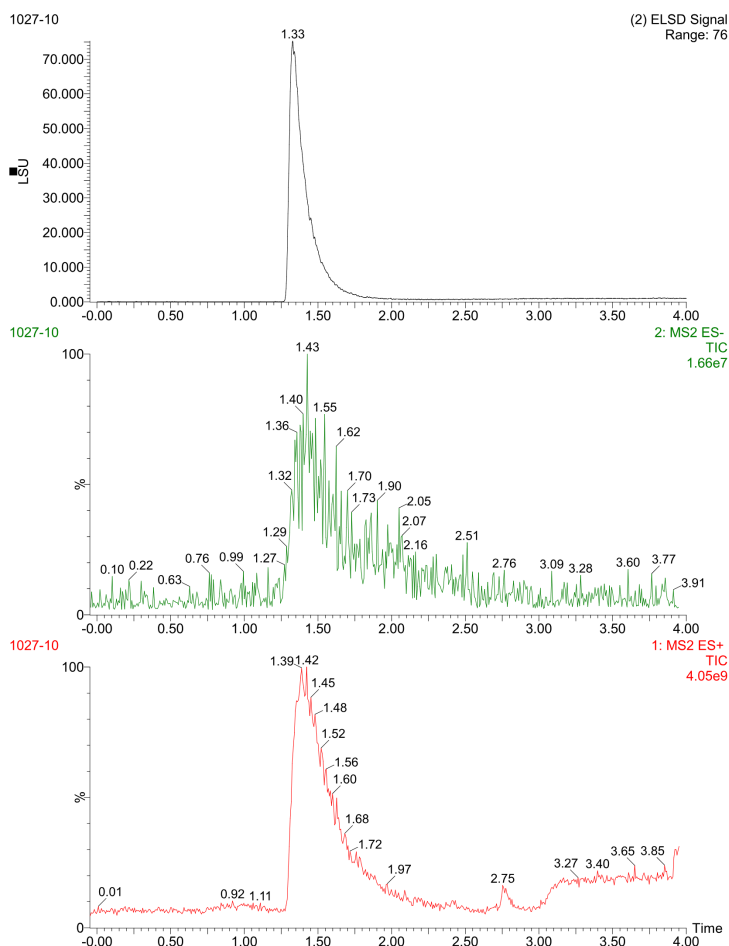
This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.



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MOTS-c (10mg) • Pubchem CID: 255386757
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

