

Lot Number: **DPS-7659536**
 Brand / Distributed by: **peptides**
 Identity:
 Product Type: **Lyophilized Vials**

Analysis Date: **09/16/2026**
 Searchable via: **horizonanalytical.com**

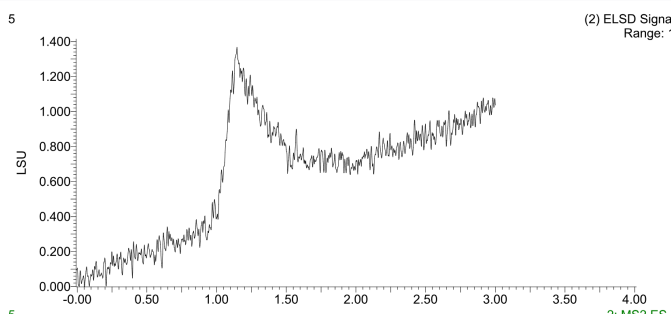
Compound:	MOTS-c
Report Number:	1028859
Appearance:	White Lyophilized Powder

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

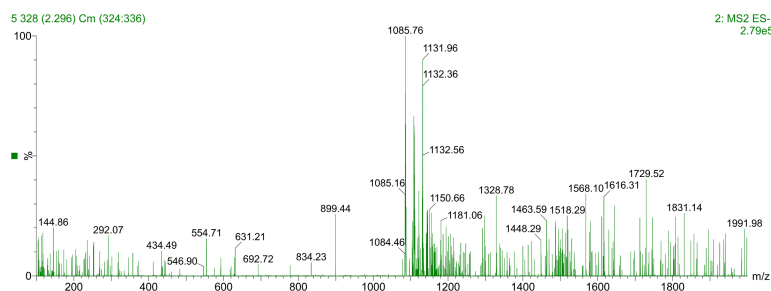
Pubchem CID: 255386757

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

	Specification	Result	Scan to Validate:
Identification:	MOTS-c	MOTS-c	
Quantitation:	10mg	10.11mg	
Purity:	>98%	99.66%	



UPLC



MS

Aleksey Yevtodiyenko 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.

Lot Number: **DPS-7659536**

Brand / Distributed by: **peptides**

Identity:

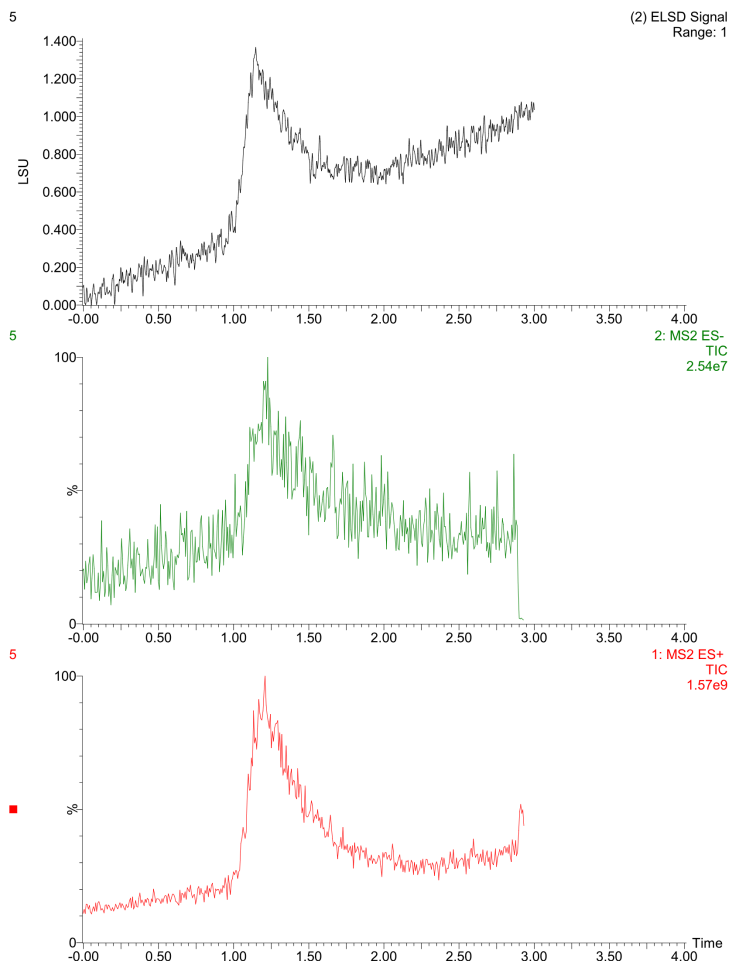
Product Type: **Lyophilized Vials**

Analysis Date: **09/16/2026**

Searchable via: horizonanalytical.com

MOTS-c (10mg) • Pubchem CID: 255386757

Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

