Horizon Analytical

Certificate of Analysis

Lot Number: DPS-7659536
Brand / Distributed by: Stimulus Laboratories
Identity: thestimuluslabs.com
Product Type: Lyophilized Vials

Analysis Date: 09/24/2026
Searchable via: horizonanalytical.com

Compound:	MOTS-c
Report Number:	1029425
Appearance:	White Lyophilized Powder

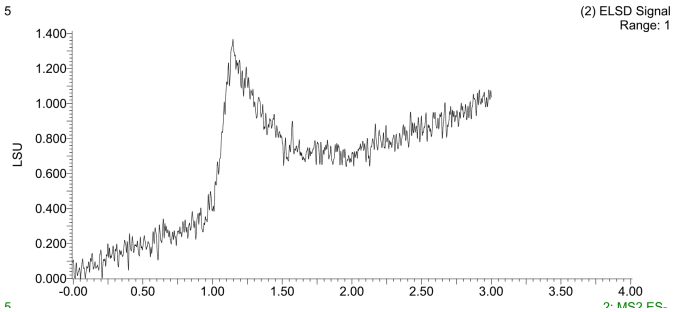
CAS:	1627580-64-6
Formula:	$C_{101}H_{152}N_{28}O_{22}S_2$
Mol Weight:	~2174.64 g/mol

Pubchem CID: 255386757

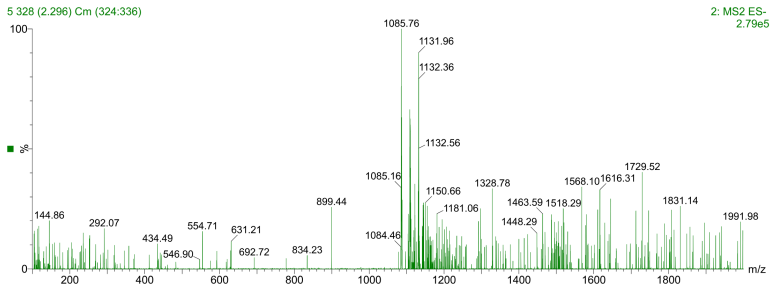
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	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.

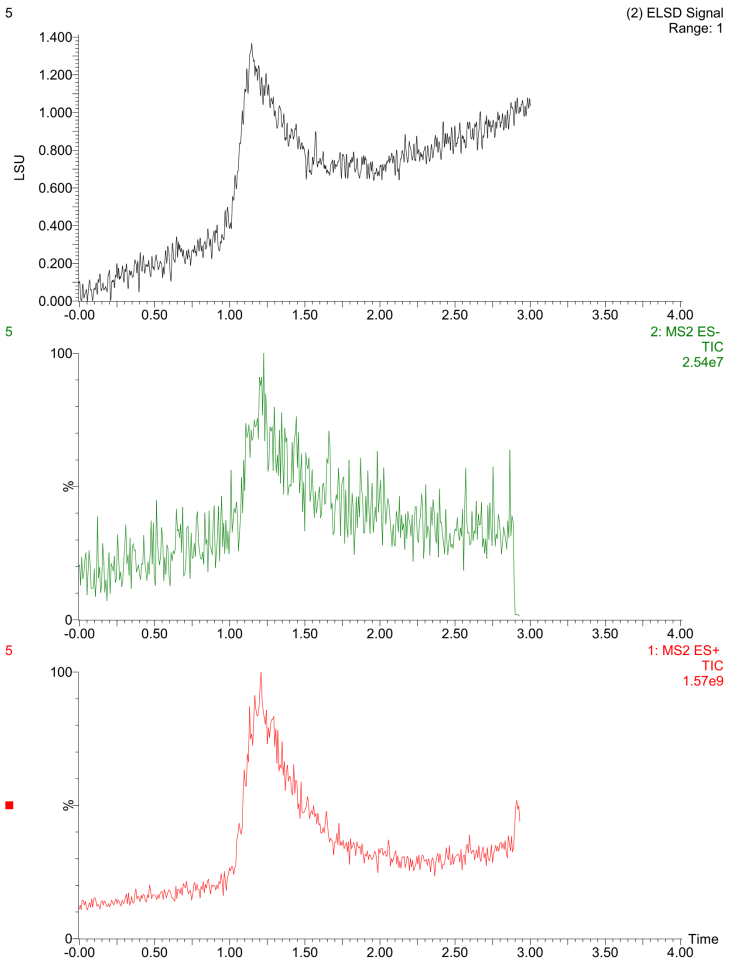
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MOTS-c (10mg) • Pubchem CID: 255386757
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

