Horizon Analytical

# Certificate of Analysis

Lot Number: HXL-8561878

Identity: N/A

Received Date: 02/20/2026

Analysis Conducted: 02/28/2026

Searchable via: horizonanalytical.com

| | |
|---|---|
| Compound: | MOTS-c |
| Lot: | HXL-8561878 |
| Appearance: | White Lyophilized Powder |

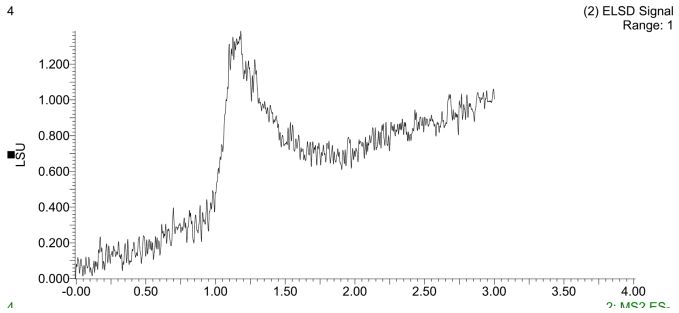
| | |
|---|---|
| CAS: | 1627580-64-6 |
| Formula: | $C_{101}H_{152}N_{28}O_{22}S_2$ |
| Mol Weight: | ~2174.64 g/mol |

Pubchem CID: 255386757

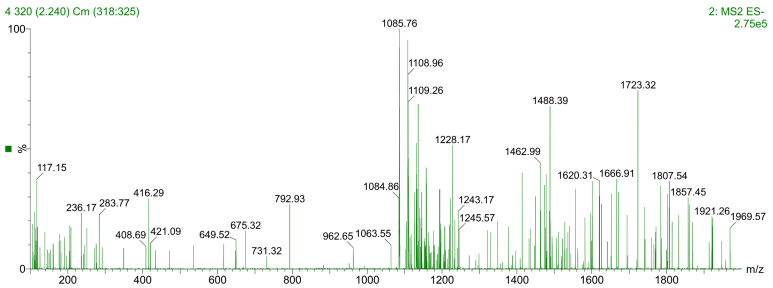
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

| | Specification | Result | Scan to Validate: |
|---|---|---|---|
| Compound Test: | MOTS-c | MOTS-c | |
| Quantity: | 10mg | 10.6mg | |
| Purity: | >98% | 99.2% | |

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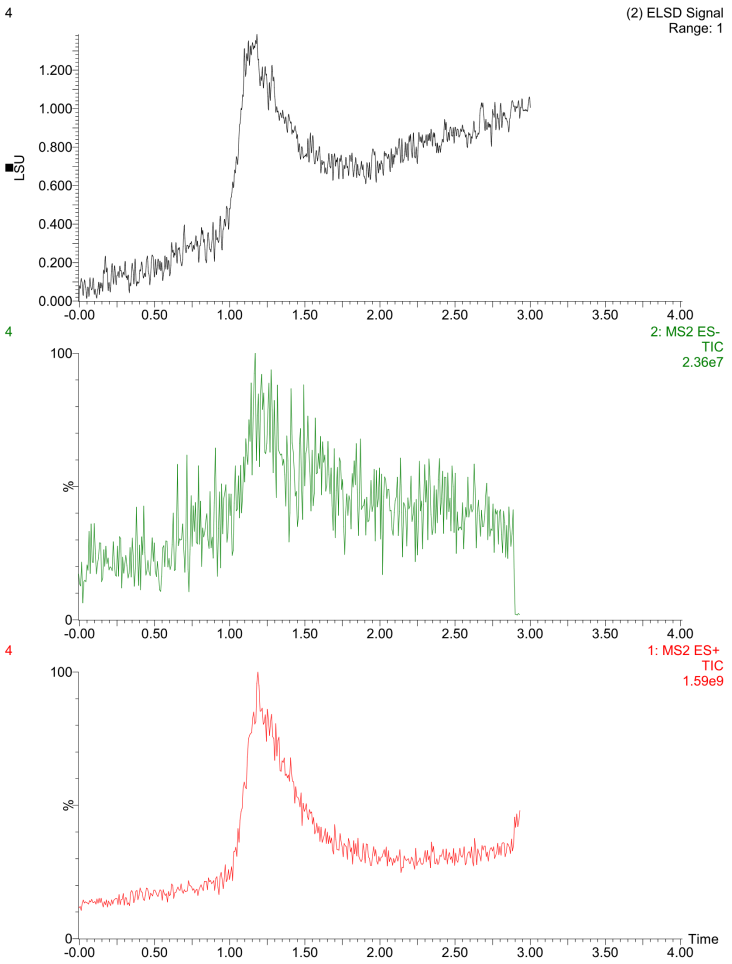
MOTS-c (10mg) • Pubchem CID: 255386757

Ultra High Performance Liquid Chromatography (UPLC)




Mass Spectrometry (MS)

