Horizon Analytical

# Certificate of Analysis

Lot Number: DPS-2057663
Brand / Distributed by: Hammer Enterprises LLC
Identity: -
Product Type: Lyophilized Vials

Analysis Date: 10/05/2026
Searchable via: horizonanalytical.com

| | |
|---|---|
| Compound: | MOTS-c |
| Report Number: | 1030990 |
| Appearance: | White Lyophilized Powder |

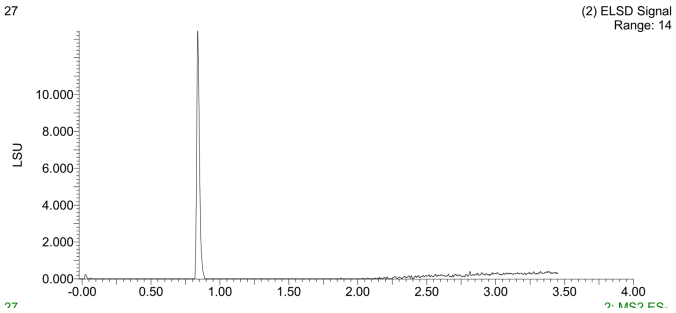
| | |
|---|---|
| CAS: | 1627580-64-6 |
| Formula: | $C_{101}H_{152}N_{28}O_{22}S_2$ |
| Mol Weight: | ~2174.64 g/mol |

Pubchem CID: 255386757

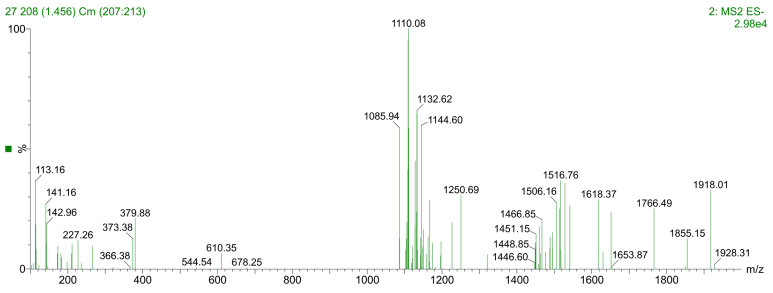
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

| | Specification | Result | Scan to Validate: |
|---|---|---|---|
| Identification: | MOTS-c | MOTS-c | |
| Quantitation: | 10mg | 9.97mg | |
| Purity: | >98% | 99.69% | |

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.

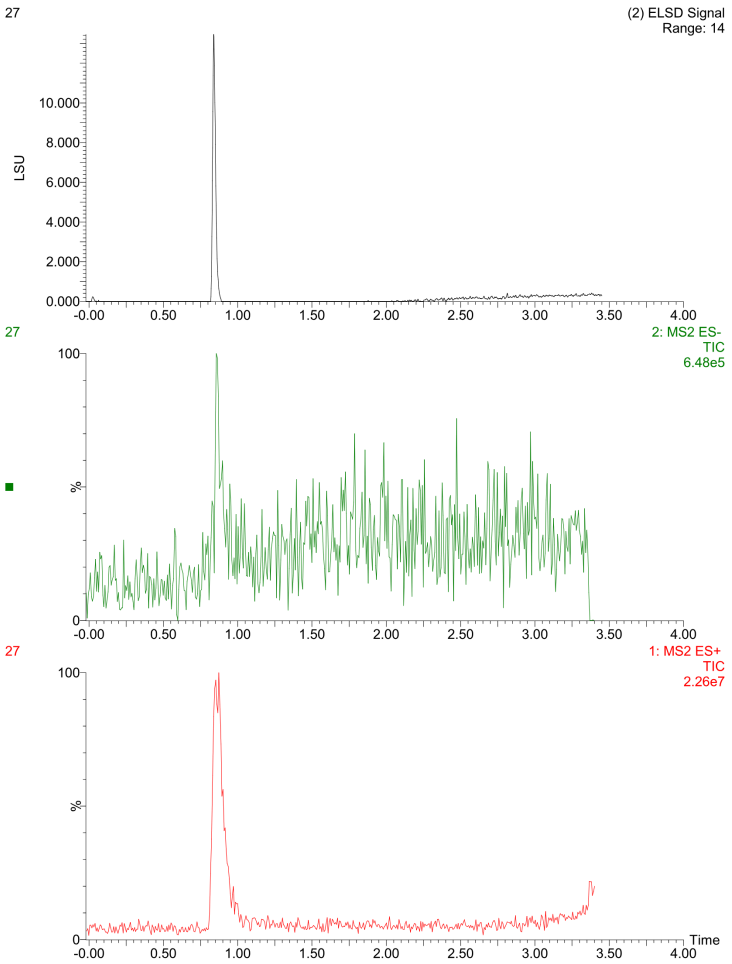
Horizon Analytical

# Certificate of Analysis

Lot Number: DPS-2057663
Brand / Distributed by: Hammer Enterprises LLC
Identity: -
Product Type: Lyophilized Vials

Analysis Date: 10/05/2026
Searchable via: horizonanalytical.com

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




Mass Spectrometry (MS)

