

Client: AARL

Sample received: **04/16/26**  
Analysis conducted: **04/24/26**

|              |                          |          |                  |
|--------------|--------------------------|----------|------------------|
| Compound:    | MOTS-c                   | CAS:     | 1627580-64-6     |
| Batch/Lot #: | 110027                   | Formula: | C101H152N28O22S2 |
| Appearance:  | White lyophilized powder | Mol Wt:  | 2174.64 g/mol    |

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

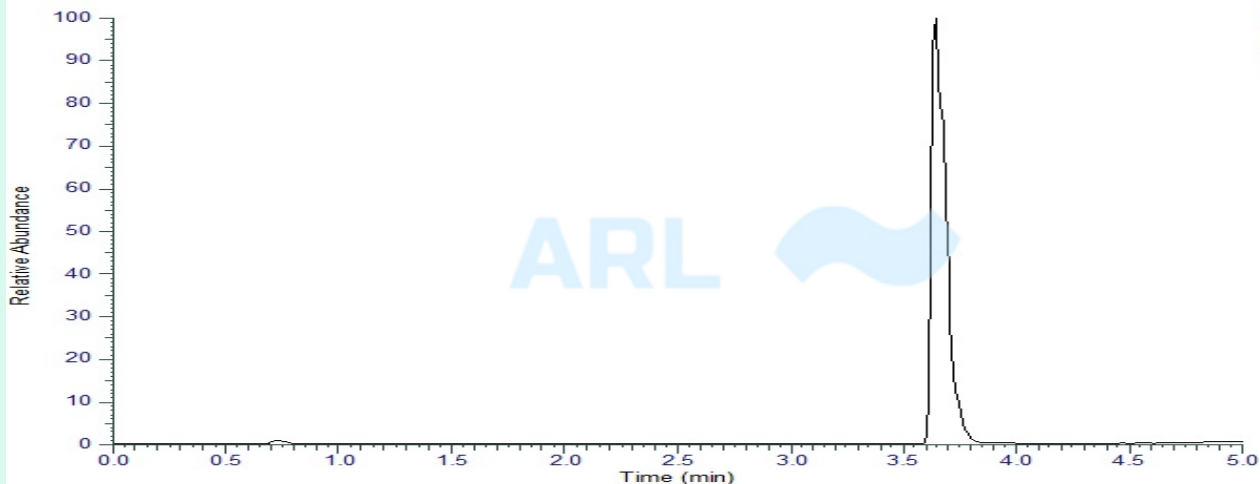
**Pubchem CID:** 155885767

MOTS-c | C101H152N28O22S2 | CID 155885767

|                | Specification | Result        |                 |
|----------------|---------------|---------------|-----------------|
| Identity Test: | MOTS-c        | <b>MOTS-c</b> | <b>Conforms</b> |
| Purity:        | >99%          | <b>99.68%</b> | <b>Conforms</b> |

### LC-MS Chromatogram: Retention Time and Peak Analysis

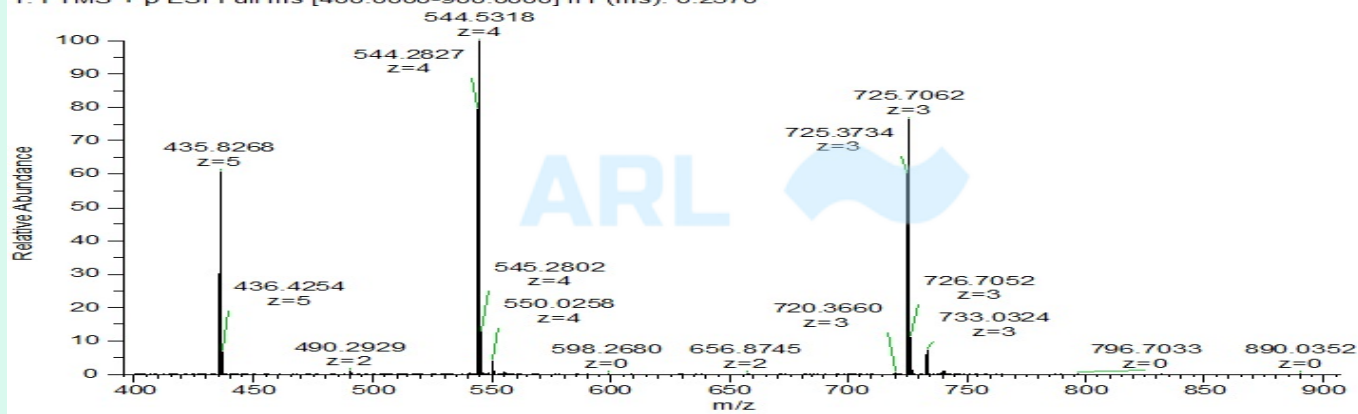
RT :0.00-5.00



NL: 4.14E9  
TIC: MS  
AARL-MOTS-c  
10mg-01

# Full Scan Mass Spectrometry Analysis

AARL-MOTS-c-10mg-01 #419 RT: 3.65 AV: 1 NL: 5.13E8  
T: FTMS + p ESI Full ms [400.0000-900.0000] IIT (ms): 0.2370



## Analysis Performed by

Dr. Roberto Marin  
Analytical Chemist  
contact@bioregen.com

*Roberto Marin*

COA #12978  
Security Key **AARL01**  
bioregen.com/verify

