



REPORTED July 14, 2026

TESTED FOR

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## Sample Information

FOR RESEARCH PURPOSES ONLY

|             |            |              |                    |             |                      |
|-------------|------------|--------------|--------------------|-------------|----------------------|
| Sample ID:  | MOTS40-003 | Labeled Qty: | 40 mg              | CAS:        | 1627580-64-6         |
| Compound:   | MOTS-C     | Net Content: | 40.62 mg           | Formula:    | C101 H152 N28 O22 S2 |
| Report No.: | 2607140126 | Form:        | Lyophilized Powder | Mol Weight: | 2174.6 g/mol         |
| Lot Number: | MOTS40-003 | Received:    | 07/13/2026         | Analyzed:   | 07/14/2026           |

## Analytical Results

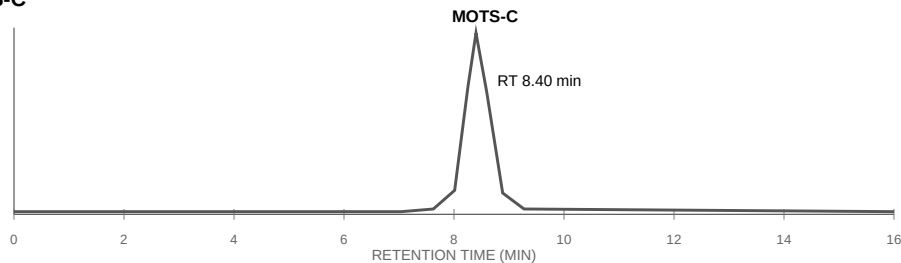
Qualitative and Quantitative chemical analysis by HPLC with UV Detection Coupled with Mass Spectrometry

|                         | SPECIFICATION | RESULT   | STATUS |
|-------------------------|---------------|----------|--------|
| Compound Test:          | MOTS-C        | MOTS-C   | PASS   |
| Net Peptide Content:    | 40.00 mg      | 40.62 mg |        |
| Peptide Label Accuracy: | ≥ 90 %        | 101.6 %  |        |
| Chromatographic Purity: | ≥ 98 %        | 99.75 %  |        |

## LC-MS Detail

Identity Confirmation (LC-MS/MS)

MOTS-C



IDENTITY

Detected

PURITY

99.75 %

NET CONTENT

40.62 mg

### DISCLAIMER - RESEARCH USE ONLY

Results relate only to the sample as received and the tests performed - not to any other unit, lot, or batch. For research use only: not a certificate of quality, safety, efficacy, or regulatory compliance, and not for human or veterinary administration, clinical or diagnostic use, or label claims. This report may not be reproduced except in full.