

**Client: Original Peptide**  
info@originalpeptide.com  
www.originalpeptide.com

Sample received: **12/23/25**  
Analysis conducted: **01/07/26**

Compound:	MOTS-c (10mg)	CAS:	1627580-64-6
Batch/Lot #:	T2510-005	Formula:	C101H152N28O22S2
Appearance:	White lyophilized powder	Mol Wt:	2174.64 g/mol

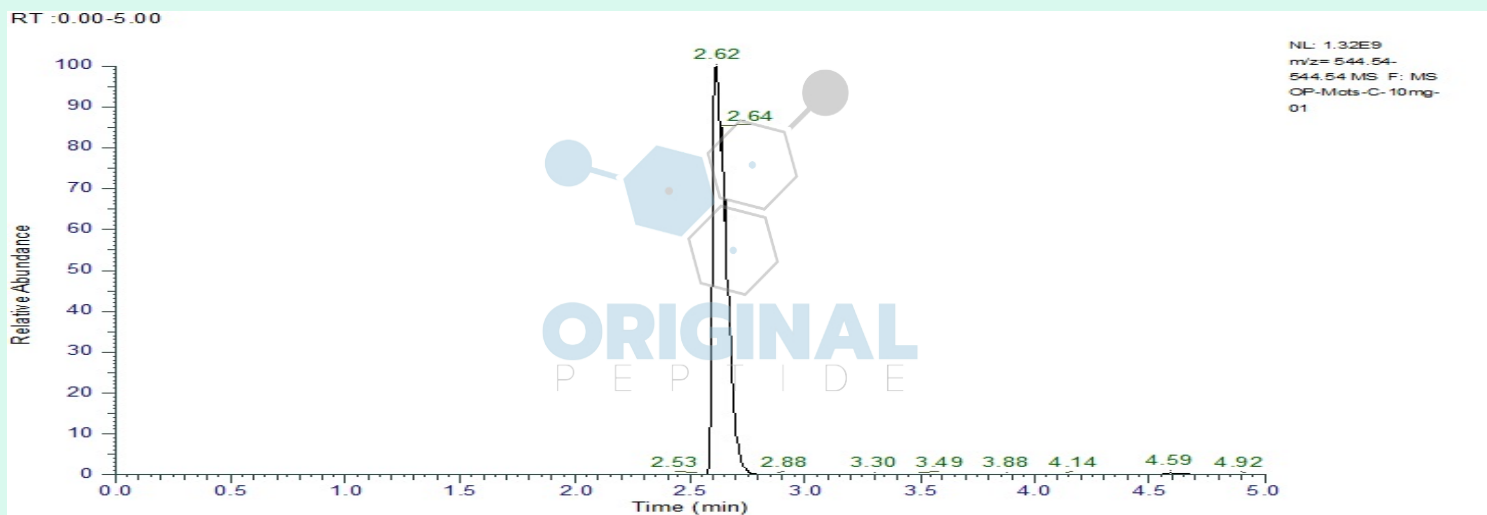
**Method:** Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

**Pubchem CID:** 155885767

MOTS-c |C101H152N28O22S2| 155885767

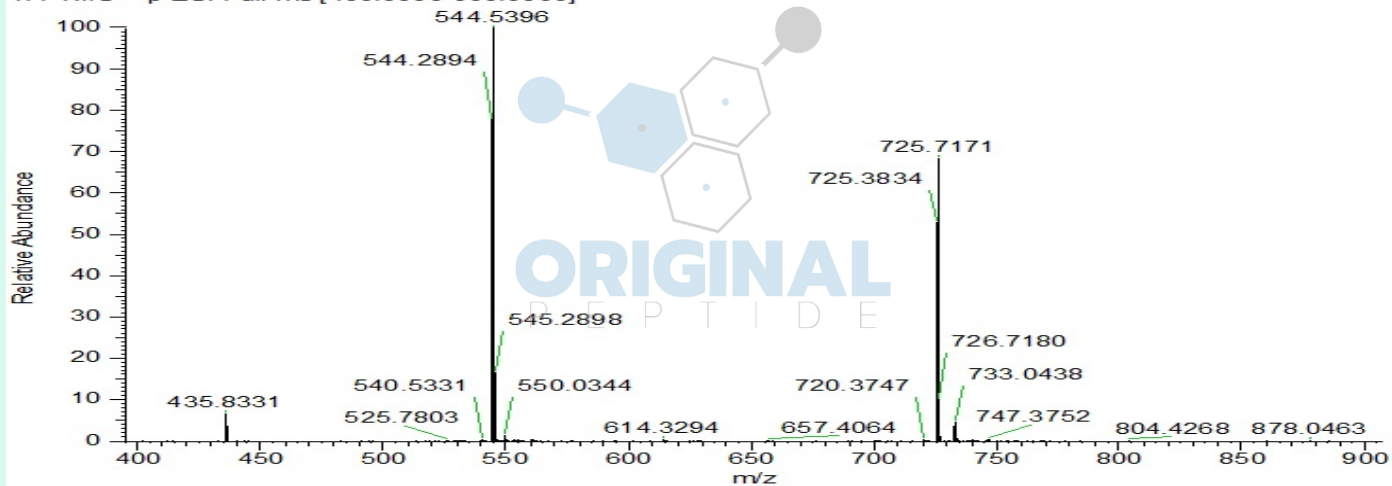
	Specification	Result	
Identity Test:	MOTS-c	<b>MOTS-c</b>	<b>Conforms</b>
Purity:	>99%	<b>99.74%</b>	<b>Conforms</b>

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



# Full Scan Mass Spectrometry Analysis

OP-Mots-C-10mg-01 #553 RT: 2.63 AV: 1 NL: 1.22E9  
T: FTMS + p ESI Full ms [400.0000-900.0000]



## Analysis Performed by

Victor Ugur  
Analytical Chemist  
contact@bioregen.com

COA #11781  
Security Key **ORIGINALPEPTIDE0**  
bioregen.com/verify



*Victor Ugur*