

Client: Peptide Partners
 zak@pirsek.com
www.peptide.partners

 Sample received: 12/08/25
 Analysis conducted: 12/22/25

Compound:	MOTS-c	CAS:	1627580-64-6
Batch/Lot #:	MC202512 (Vial A)	Formula:	C101H152N28O22S2
Appearance:	White lyophilized powder	Mol Wt:	2174.64 g/mol

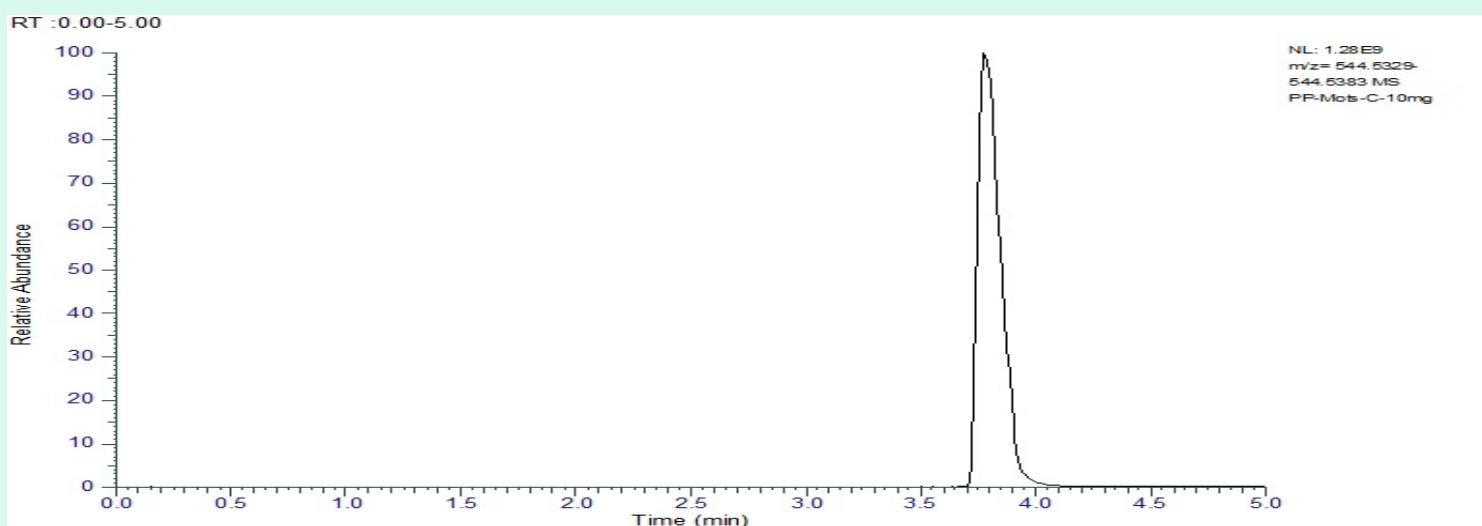
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

Pubchem CID: 155885767

[MOTS-c](#) | [C101H152N28O22S2](#) | [CID 155885767](#)

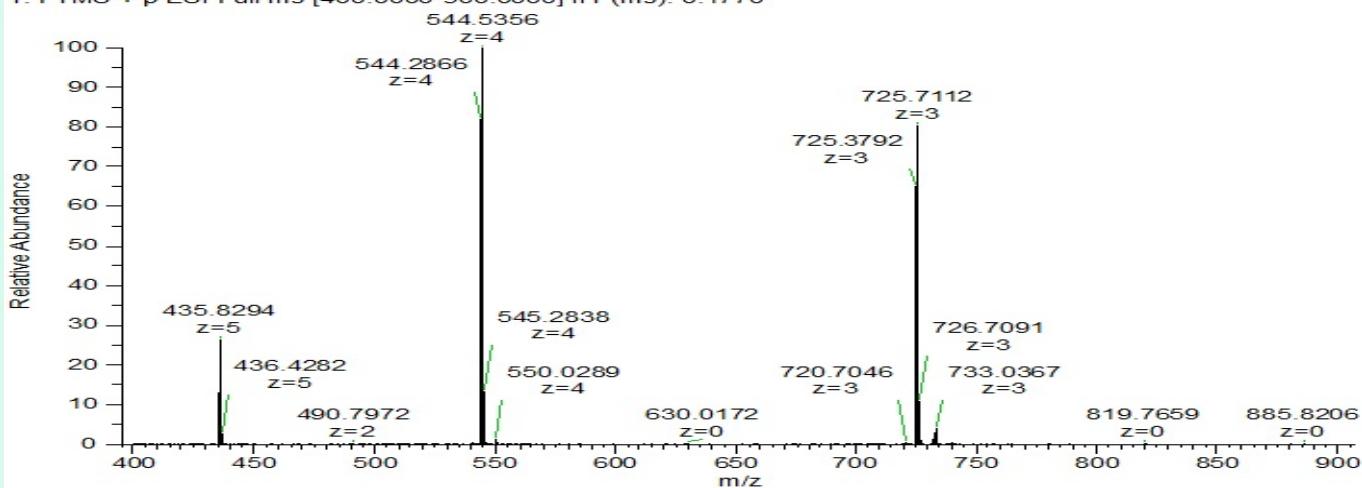
	Specification	Result	
Identity Test:	MOTS-c	MOTS-c	Conforms
Quantity:	10 mg ± 15%	10.84 mg	Conforms
Purity:	>99%	99.89%	Conforms

LC-MS Chromatogram: Retention Time and Peak Analysis



Full Scan Mass Spectrometry Analysis

PP-Mots-C-10mg #432 RT: 3.76 AV: 1 NL: 1.13E9
T: FTMS + p ESI Full ms [400.0000-900.0000] IIT (ms): 0.1770



Analysis Performed by

Dr. Roberto Marin
Analytical Chemist
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COA #11629
Security Key **PEPPART901**
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