

Client: Desert Peptides
contact@desertpeptides.shop

Sample received: **01/20/26**
Analysis conducted: **01/23/26**

Compound:	MOTS-c (10mg)	CAS:	1627580-64-6
Batch/Lot #:	33	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

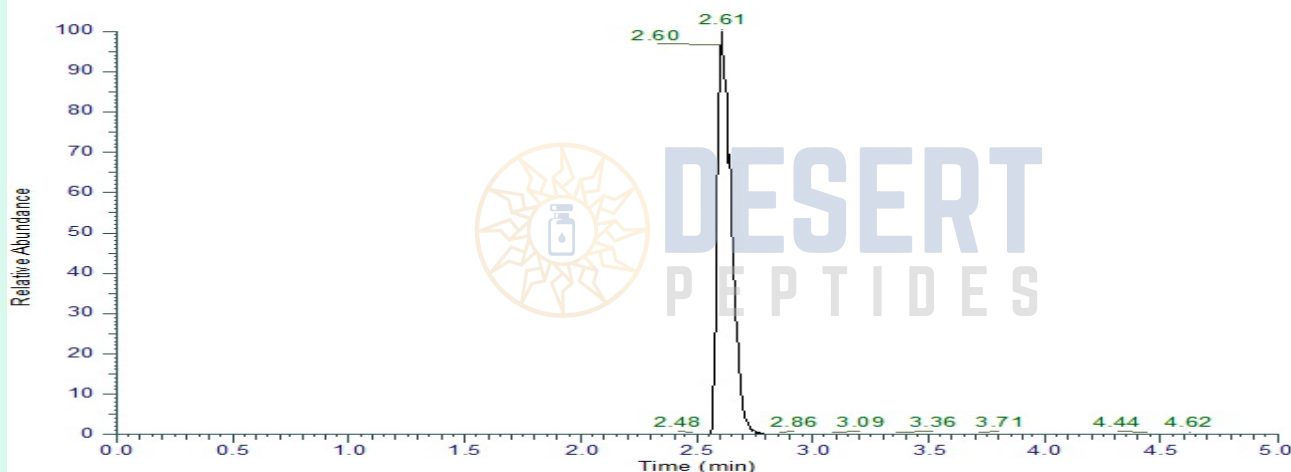
Pubchem CID: 155885767

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

	Specification	Result	
Identity Test:	MOTS-c	MOTS-c	Conforms
Purity:	>99%	99.73%	Conforms

LC-MS Chromatogram: Retention Time and Peak Analysis

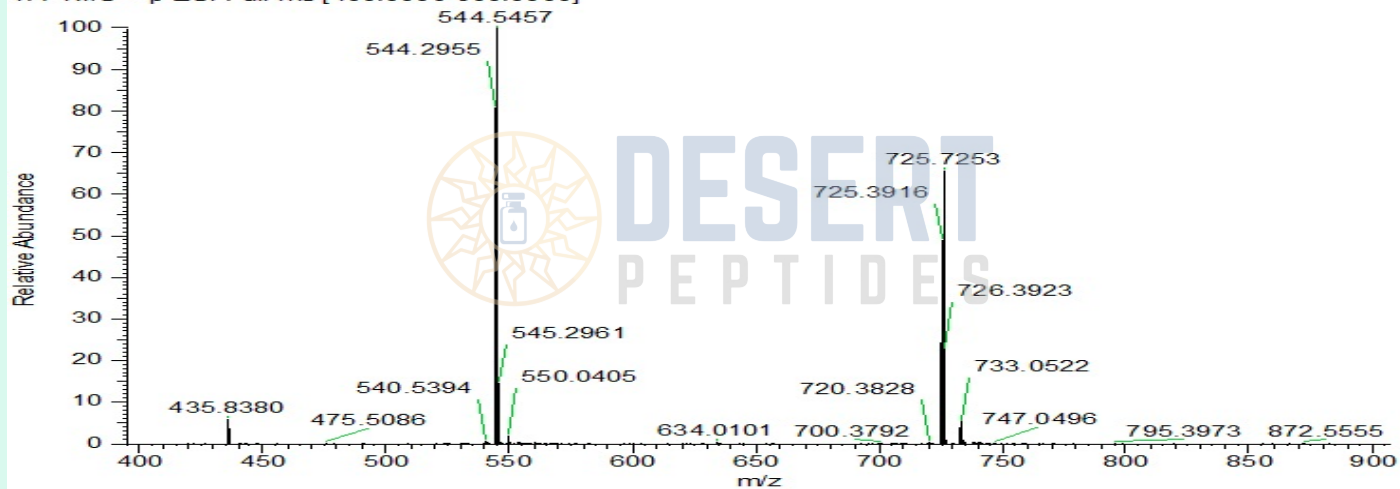
RT: 0.00-5.01



NL: 1.30E9
mv2= 544.54-
544.55 MS F: MS
DP: Mob-C-10mg-
01

Full Scan Mass Spectrometry Analysis

DP-Mots-C-10mg-01 #555 RT: 2.63 AV: 1 NL: 1.09E9
T: FTMS + p ESI Full ms [400.0000-900.0000]



Analysis Performed by

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Analytical Chemist
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COA #11980
Security Key **DESERTPEP01**
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Victor Ugur