

Client: Sigma Compounds

Sample received: **04/13/26**
Analysis conducted: **04/30/26**

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

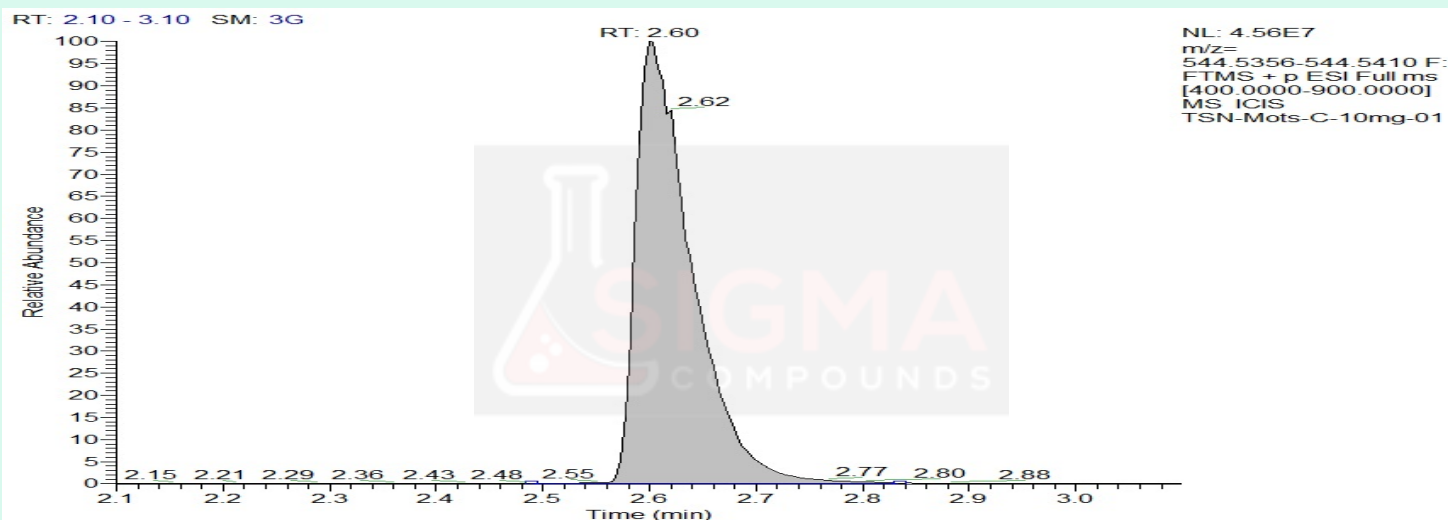
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

Pubchem CID: 155885767

MOTS-c |C101H152N28O22S2| 155885767

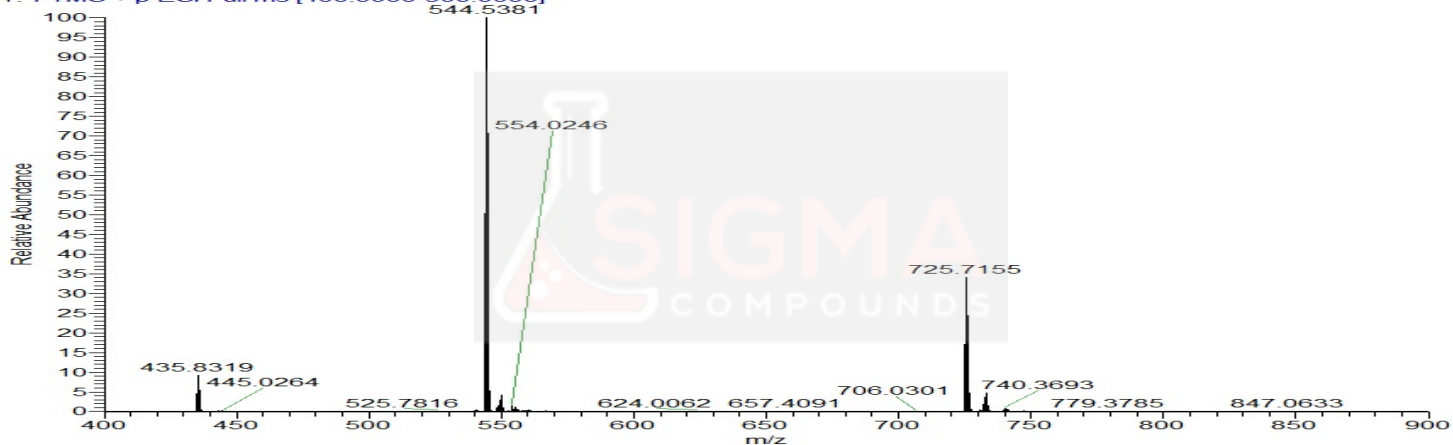
	Specification	Result	
Identity Test:	MOTS-c	MOTS-c	Conforms
Quantity:	10 mg	9.9 mg	Conforms
Purity:	>99%	99.58%	Conforms

LC-MS Chromatogram and Retention Time Analysis

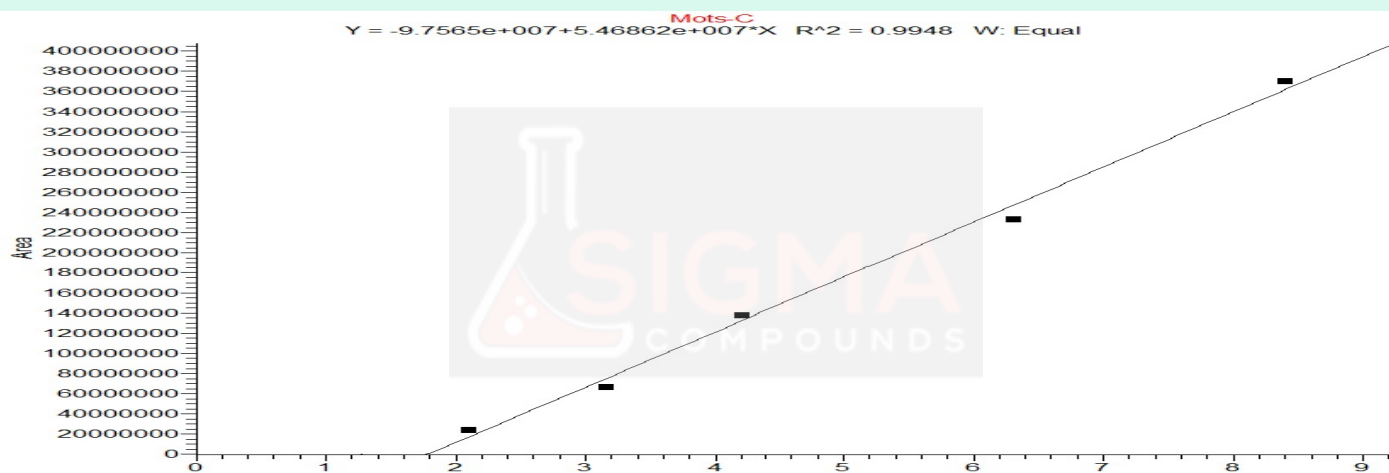


Full Scan Mass Spectrometry Analysis

TSN-Mots-C-10mg-01 #546 RT: 2.60 AV: 1 NL: 4.50E7
T: FTMS + p ESI Full ms [400.0000-900.0000]



Calibration Curve



Analysis Performed by

Dr. Victor Ugur
Analytical Chemist
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COA #13017
Security Key **SIGMACOM1**
bioregen.com/verify



Victor Ugur