



Chembuild Pharma Pvt. Ltd.

Serving Globe, Satisfying Analytical Research Needs

Chembuild Pharma Private Limited

04, VPO Adamwal, Hoshiarpur – 146001,

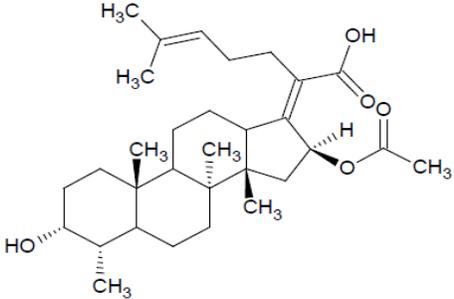
Punjab, India

Mobile: +91-9465143607

Email Id: Info@chembuildpharma.com

Website: www.chembuildpharma.co.in

Certificate of Analysis

Product Name: Fusidic Acid Impurity M		CAS #: 1013937-16-0
Synonyms	11-Deoxy Fusidic Acid; (Z)-2-((3R,4S,5S,8S,9S,10S,13R,14S,16S)-16-acetoxy-3-hydroxy-4,8,10,14-tetramethyldodecahydro-1H-cyclopenta[a]phenanthren-17(2H,10H,14H)-ylidene)-6-methylhept-5-enoic acid; (3 α ,4 α ,8 α ,9 β ,13 α ,14 β ,16 β ,17Z)-16-(Acetyloxy)-3-hydroxy-29-nordammara-17(20),24-dien-21-oic Acid	
Catalogue #	CHB 06 01367	Structure 
Lot #	CHB-FUS-01367	
Chemical Formula	C31H48O5	
Molecular Weight	500.71	
Shipping & Storage Condition	Ambient shipping in dark condition. Store in airtight container protected from light and moisture at 2 ^o -8 ^o C	

Analytical Test Result

S. No.	Test	Result
1.	Description	White Solid
2.	Identification i) By ¹ H-NMR ii) By MASS	Conforms to structure Conforms to structure
3.	Purity (by NMR)	96.30%
4.	TGA Value	0.00%
5.	% Potency	Chromatographic Purity% - TGA Value % 96.30% - 0.00% = 96.30%

Checked by:



Authorized signatory:

ADDRESS

04, VPO-Adamwal, Hoshiarpur-146001, State: Punjab, INDIA

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Caution	Do not attempt to dry the material. Use as such. Handle under inert atmosphere.
Date of Release	16-Jul-2022
Validity	24 months from the date of release
This certificate is valid for two year from the date of Release provided the substance is stored under the recommended conditions.	
Note: Use for research and analytical purpose only; not for human consumption	

Attachments	HPLC Chromatogram, ¹ H-NMR Spectra, MS Spectra, TGA
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Checked by:



Authorized signatory:

***** ADDRESS *****

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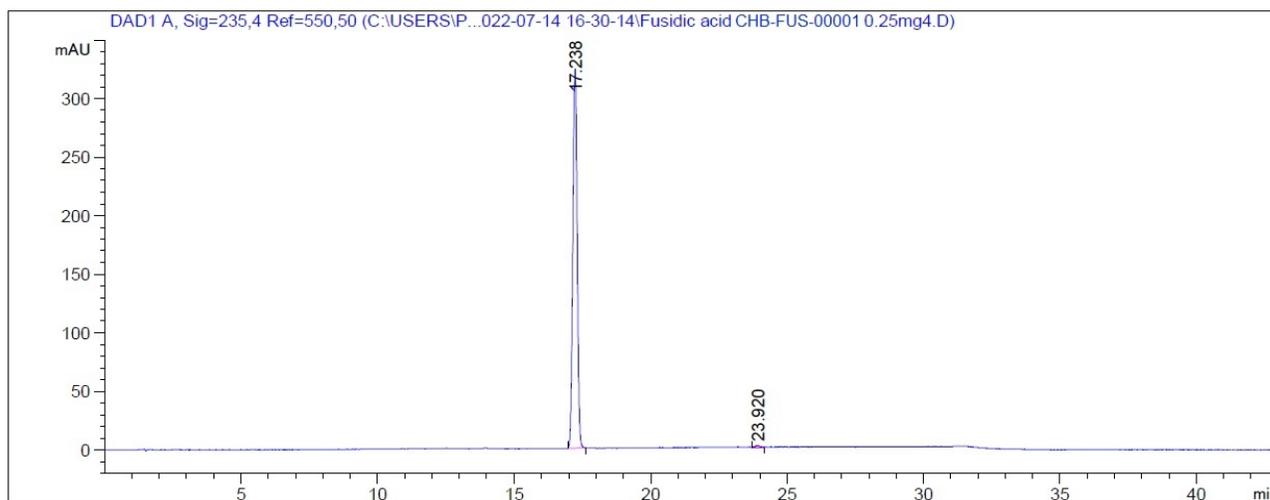
Info@chembuildpharma.com

Analysis: Identification of Fusidic acid EP Impurity M by RRT by HPLC

Method: Fusidic acid EP monograph (Pharmeuropa Vol 20 (1) Jan 2008),

Related Substances Method.

Chromatogram: Fusidic Acid Standard



Signal 1: DAD1 A, Sig=235,4 Ref=550,50

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	17.238	BB	0.1667	3518.07837	323.95914	99.6063
2	23.920	BB	0.1396	13.90608	1.33404	0.3937

Totals : 3531.98445 325.29318

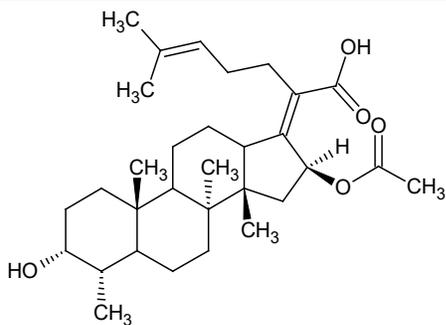
Fusidic acid RT: 17.238 min

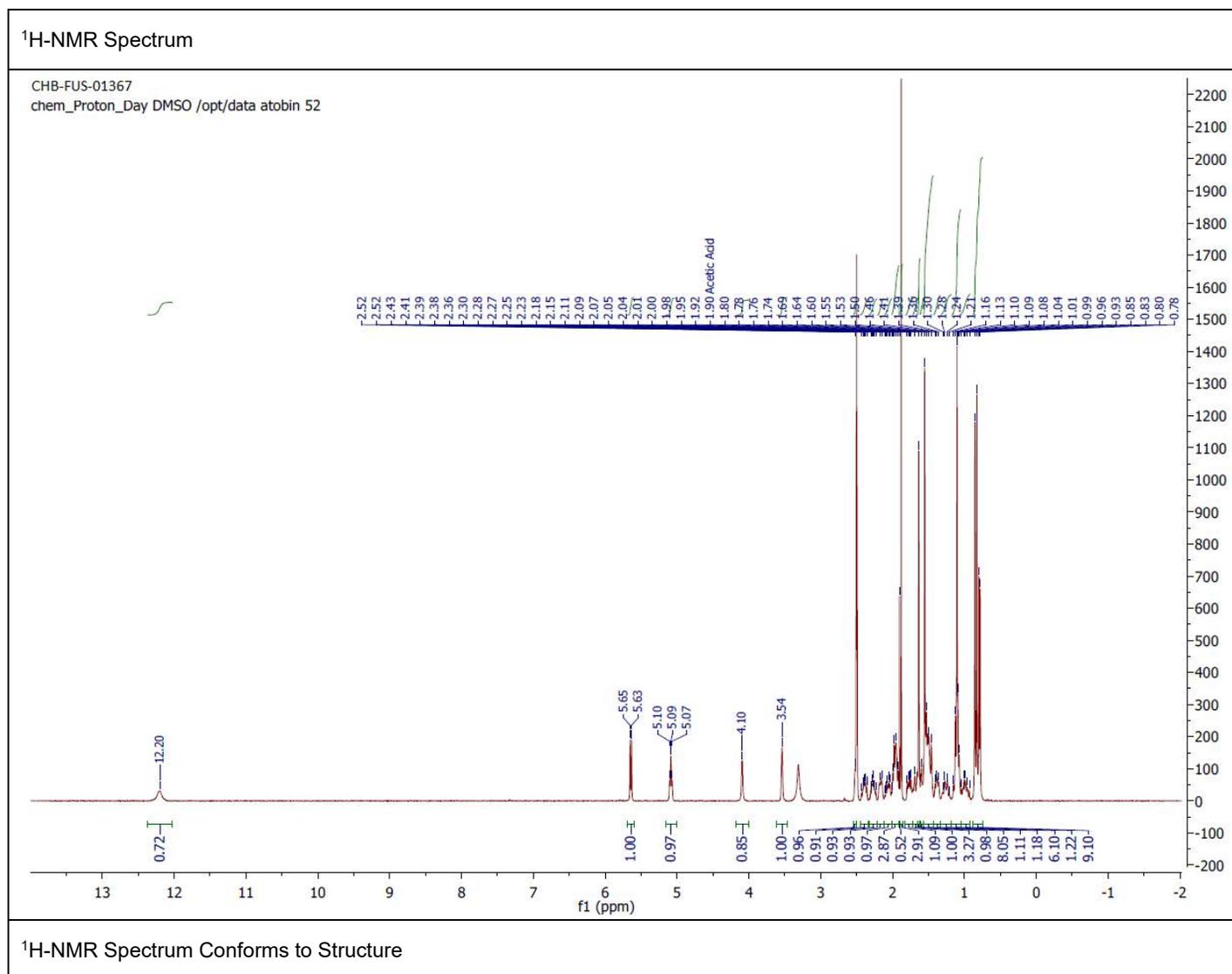


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Analytical Summary

Product Number:	CHB 06 01367	
Product Name:	Fusidic Acid EP Impurity M	
Lot Number:	CHB-FUS-01367	
Molecular Formula:	C ₃₁ H ₄₈ O ₆	
Molecular Weight:	500.71 g mol ⁻¹	
Chemical Name:	(3α,4α,8α,9β,13α,14β,16β,17Z)-16-(Acetyloxy)-3-hydroxy-29-nordammara-17(20),24-dien-21-oic Acid	



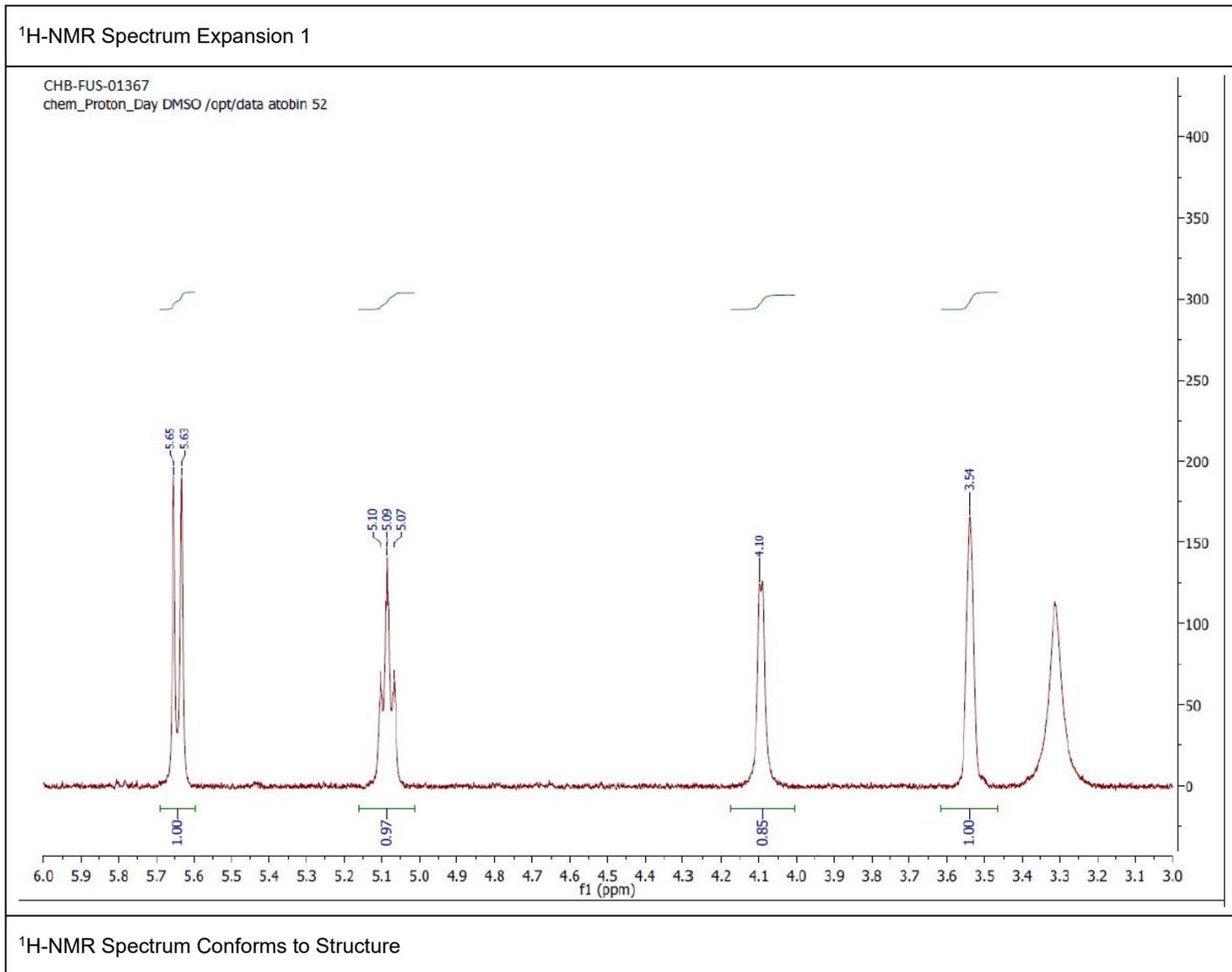
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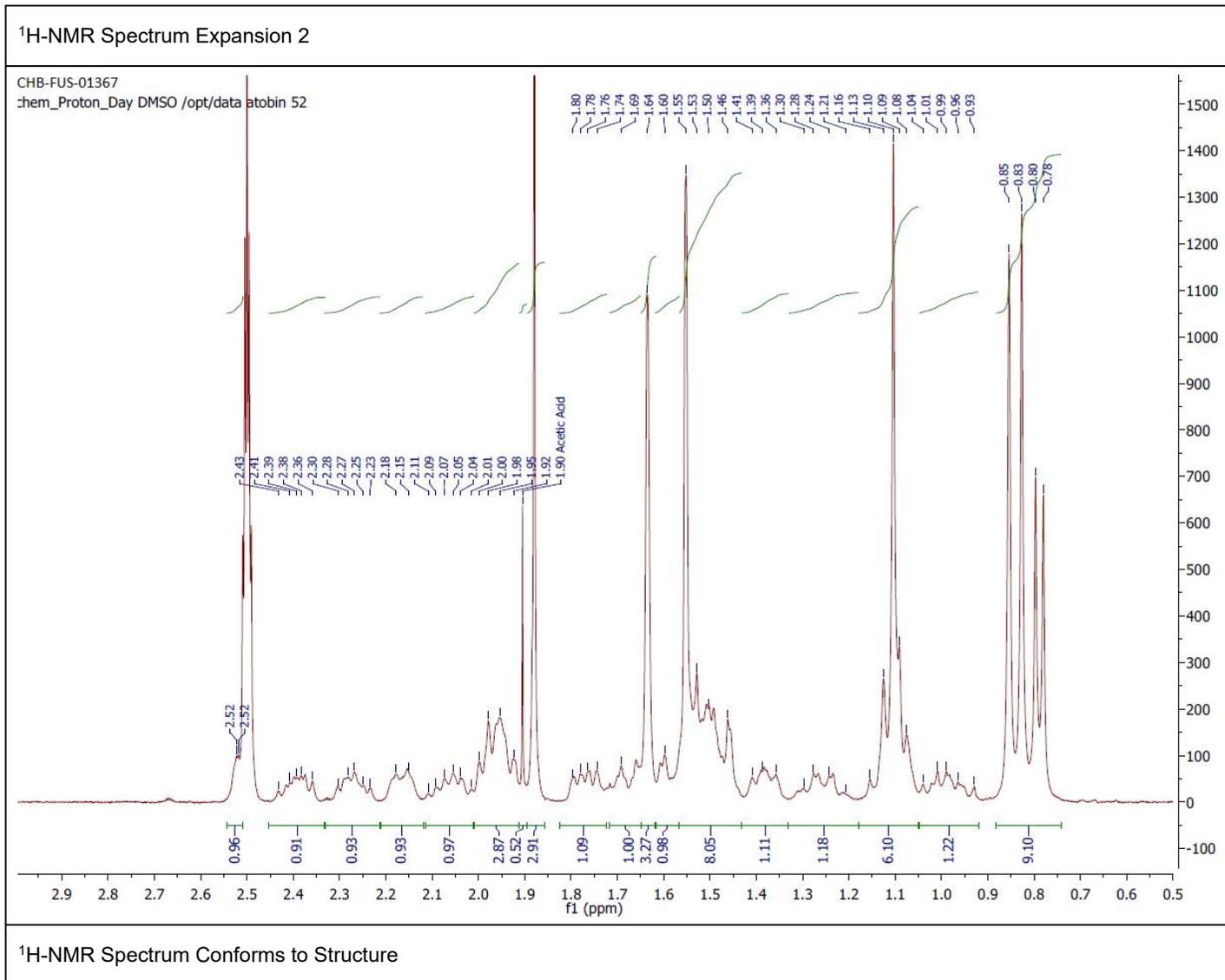


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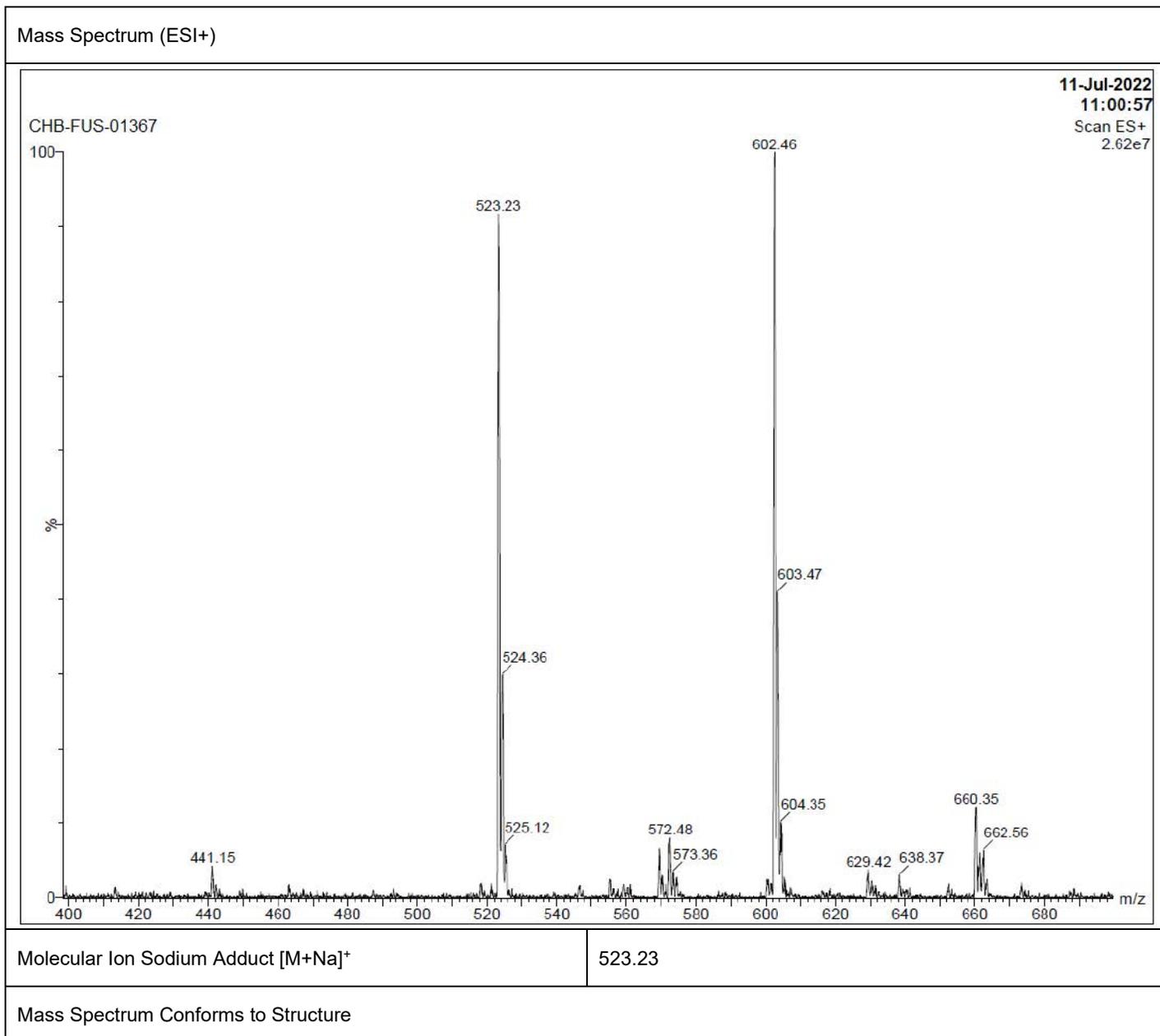
Analytical Summary



Analytical Summary



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Analytical Summary

