

Supporting Information:

Moluccensins A-G, Phragmalins with a Conjugated C-30 Carbonyl group from a Krishna Mangrove *Xylocarpus moluccensis*

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[§]Graduate University of Chinese Academy of Sciences, 19 Yuquan Road, Beijing 100049, China

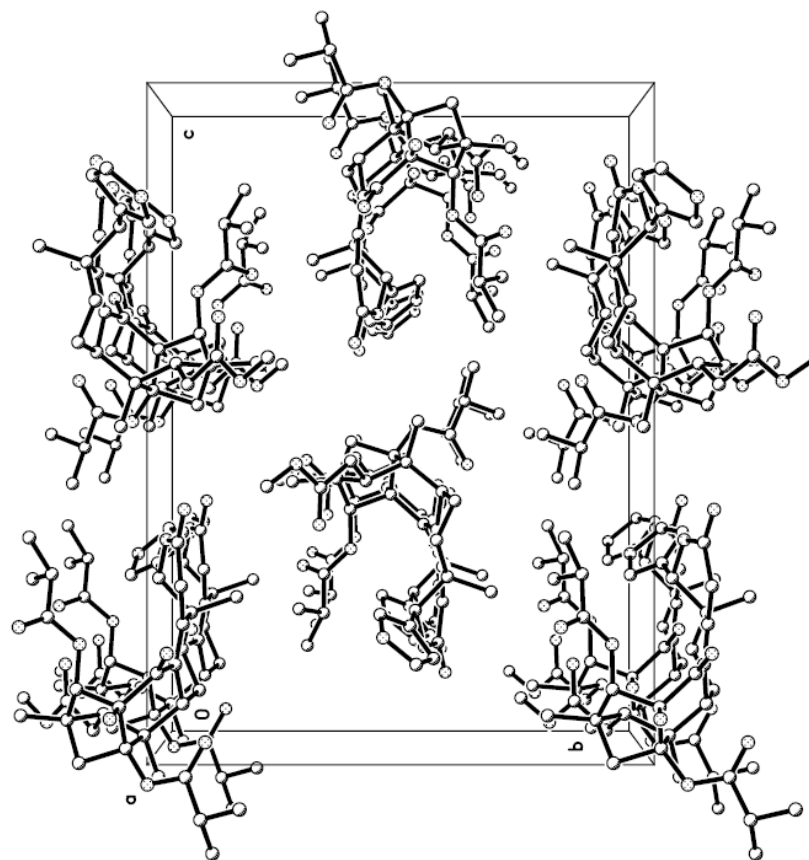
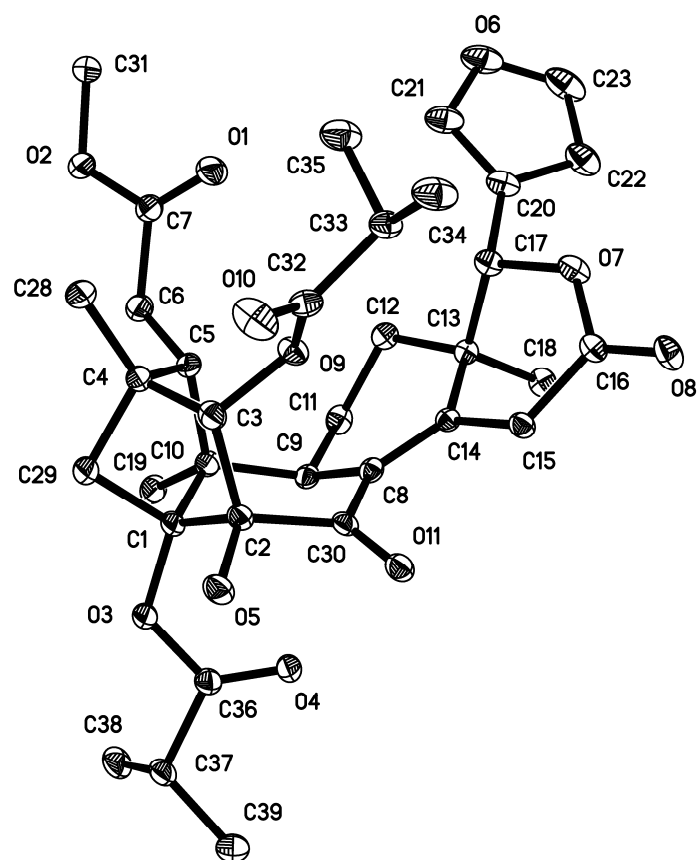
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^{||}Institute of Organic Chemistry, Jiangxi Science & Technology Normal University, Nanchang 330013, China

[∇]Government Degree College at Amadala valasa, Srikakulam District, Andhra Pradesh, India

*Correspondence author. E-mail: wwujun2003@yahoo.com

Copies of HR-TOFMS, ¹H and ¹³C NMR spectra of moluccensins A-G (1-7).



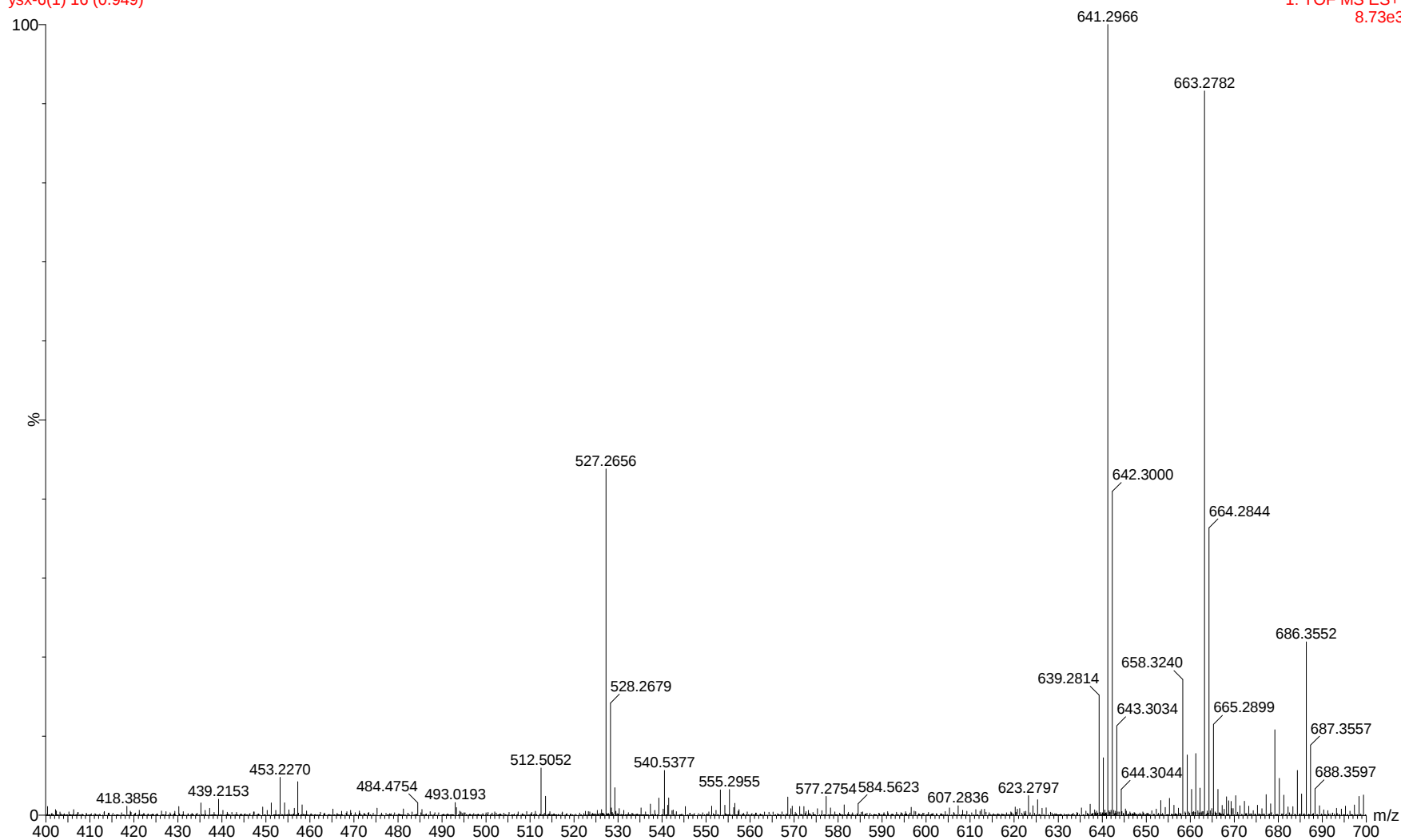
X-ray crystal structure of moluccensin A (**1**)

HR-TOFMS of moluccensin A (1)

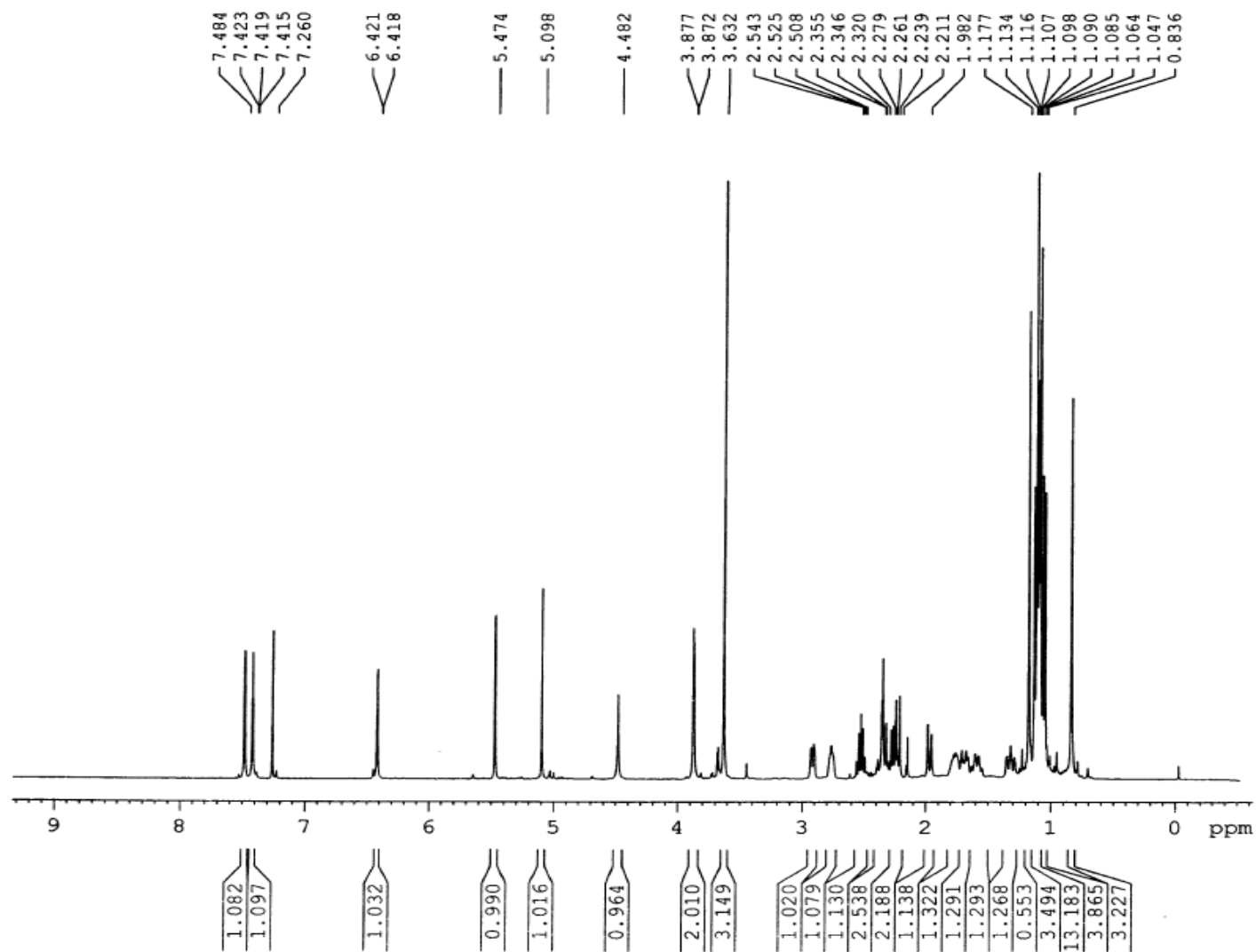
MS+31-May-2009

ysx-6(1) 16 (0.949)

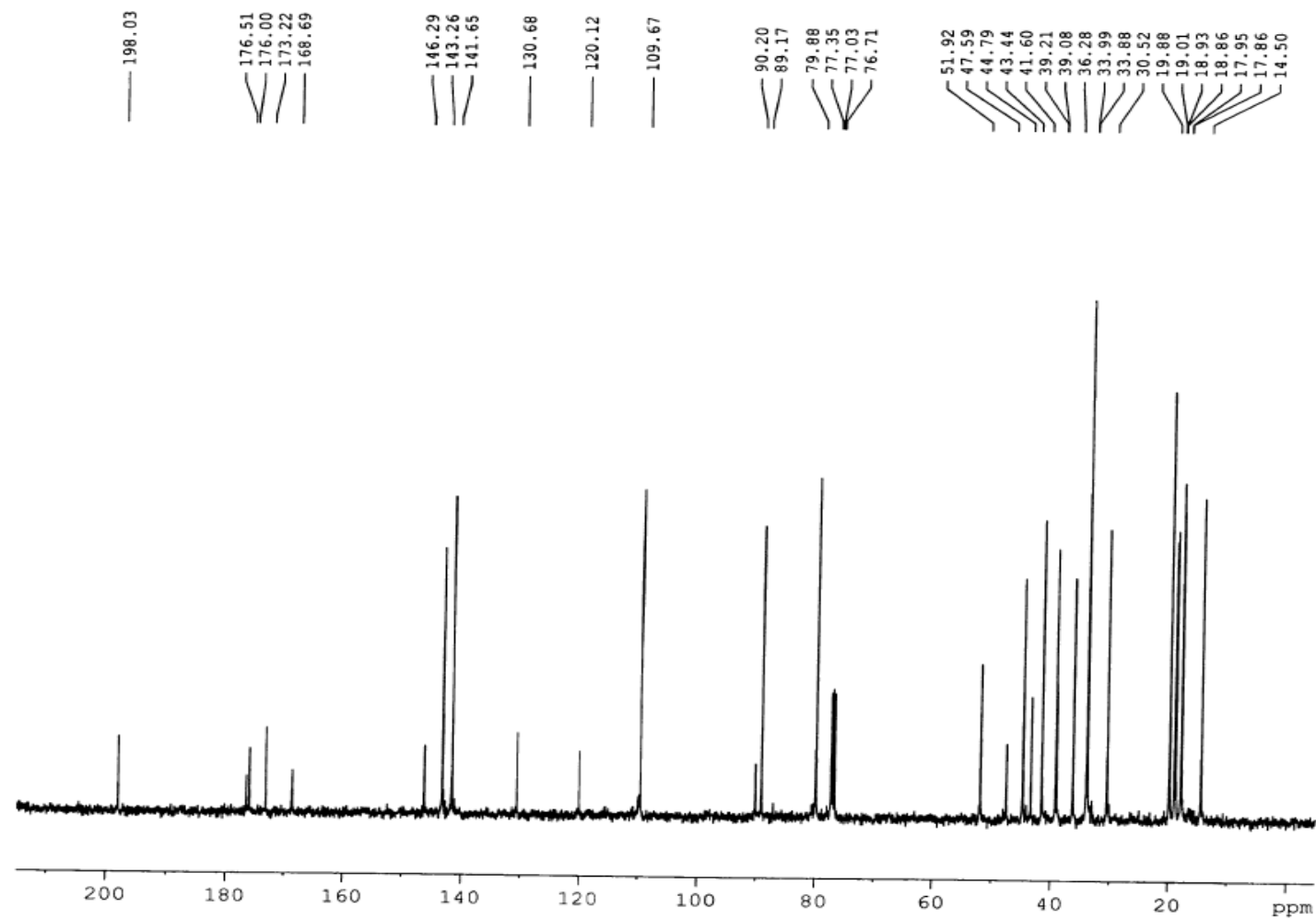
1: TOF MS ES+
8.73e3



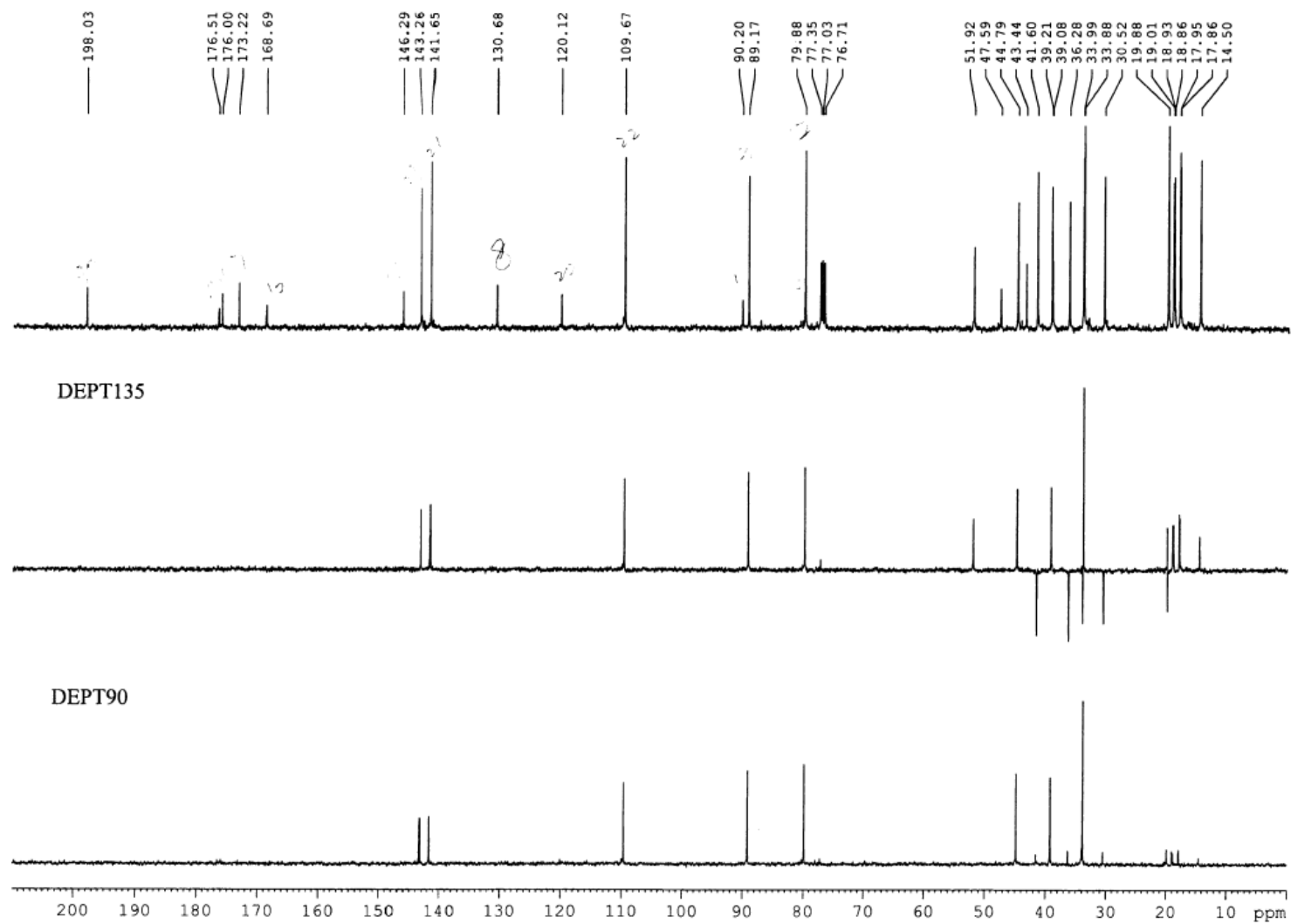
^1H NMR (400 MHz) spectra of moluccensin A (**1**) in CDCl_3



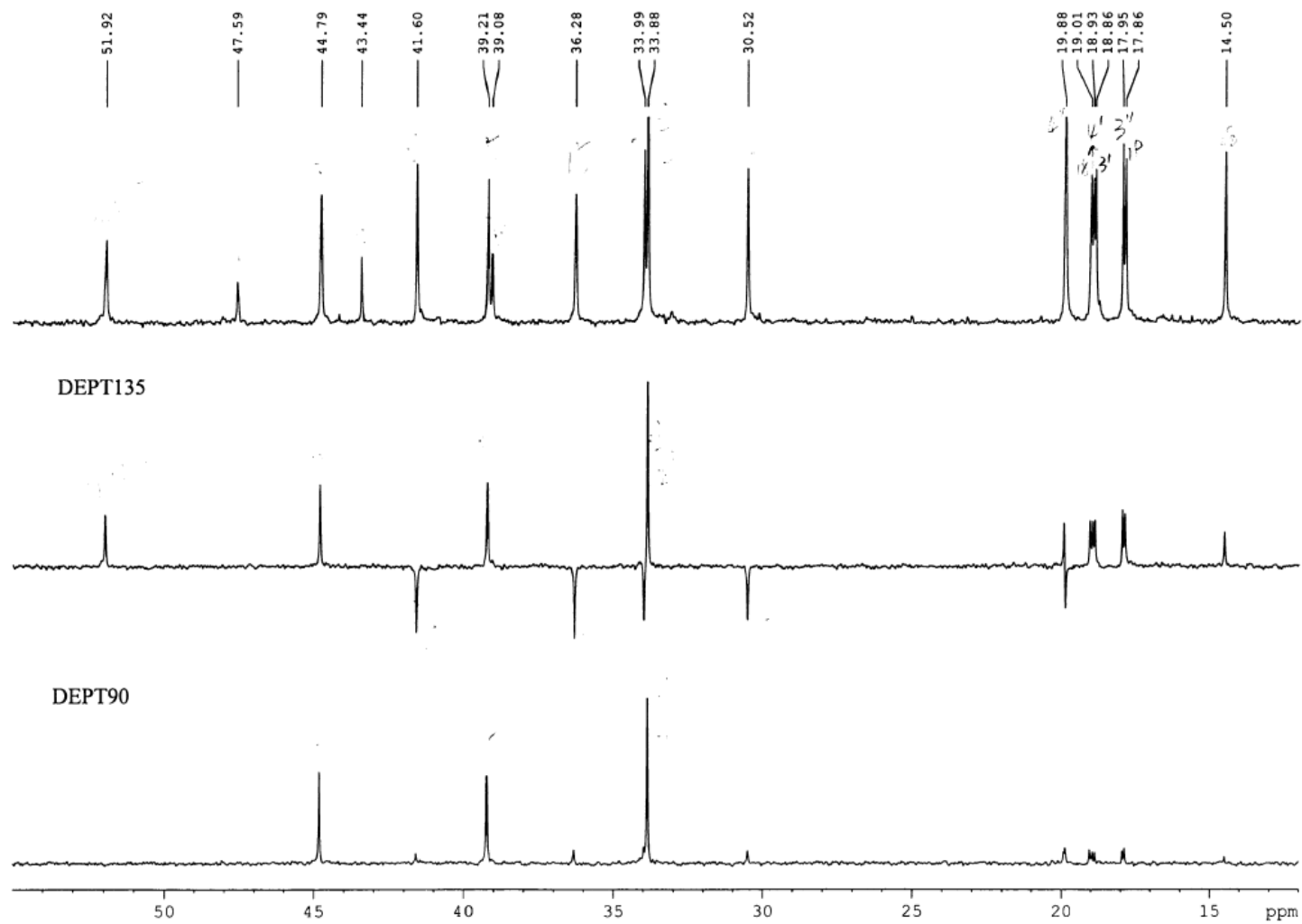
^{13}C NMR (400 MHz) spectrum of moluccensin A (**1**) in CDCl_3



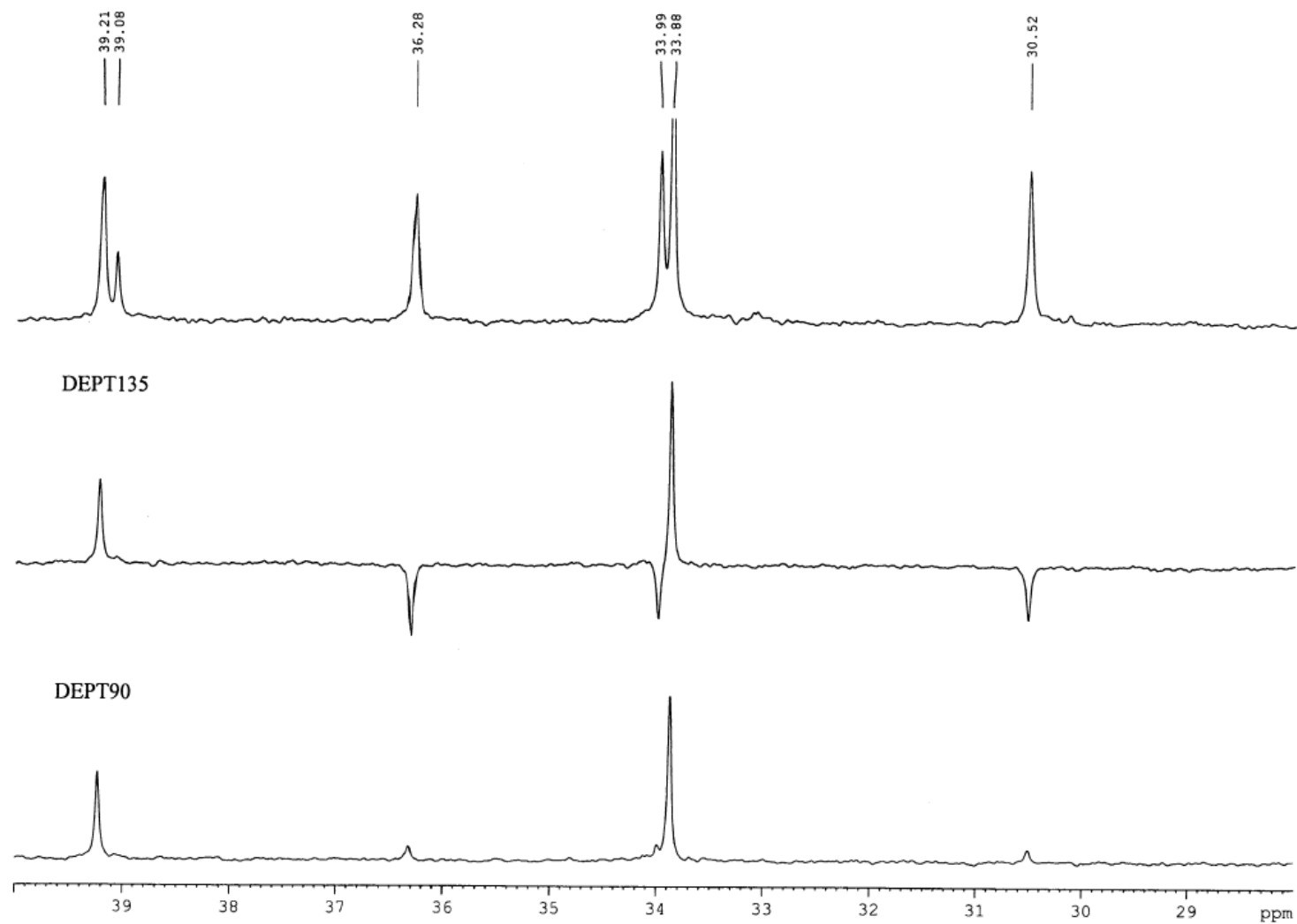
^{13}C NMR (400 MHz) and DEPT spectra of moluccensin A (**1**) in CDCl_3



Enlarged segment of ^{13}C NMR (400 MHz) and DEPT spectra of moluccensin A (**1**) in CDCl_3



Enlarged segment of ^{13}C NMR (400 MHz) and DEPT spectra of moluccensin A (**1**) in CDCl_3

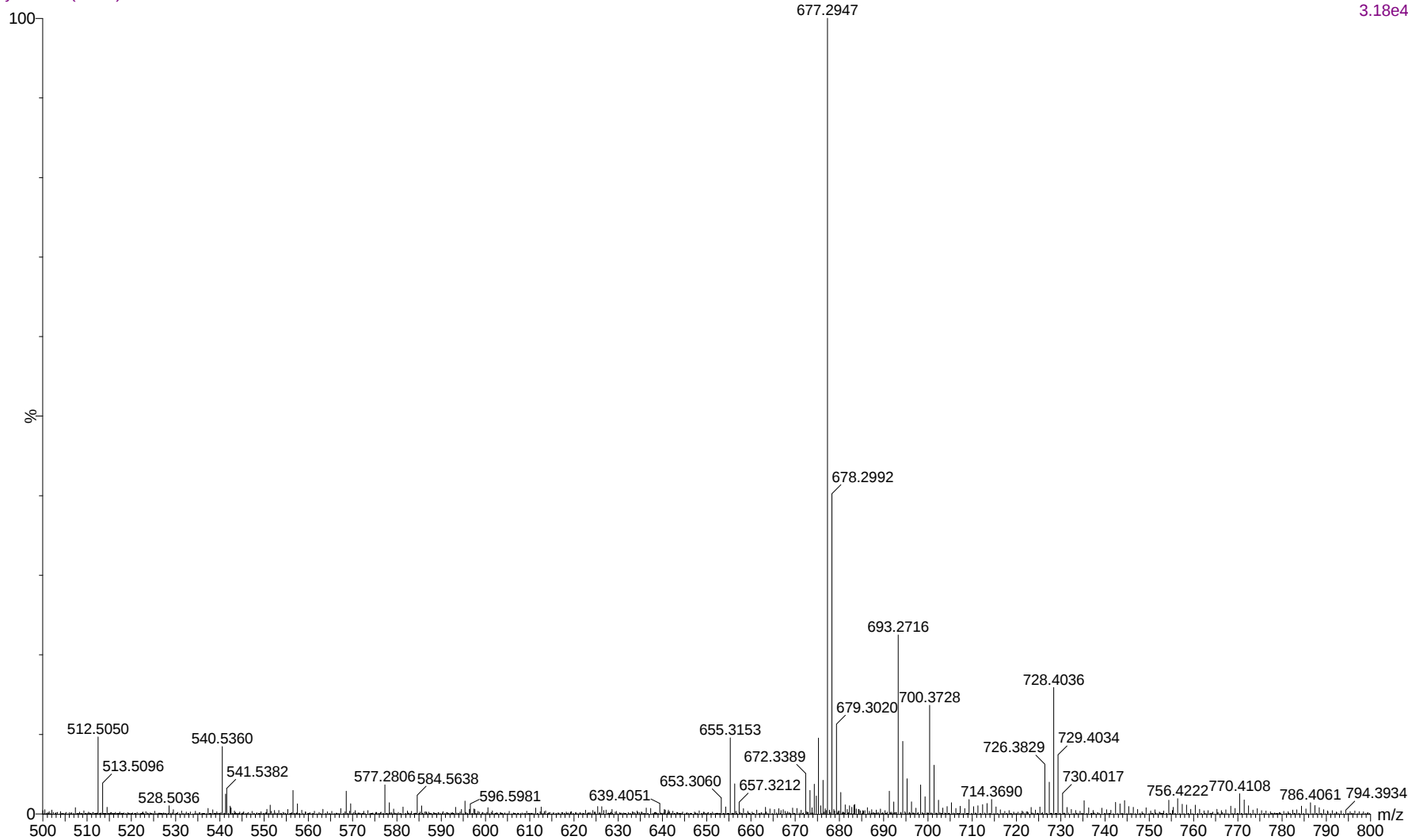


HR-TOFMS of moluccensin B (2)

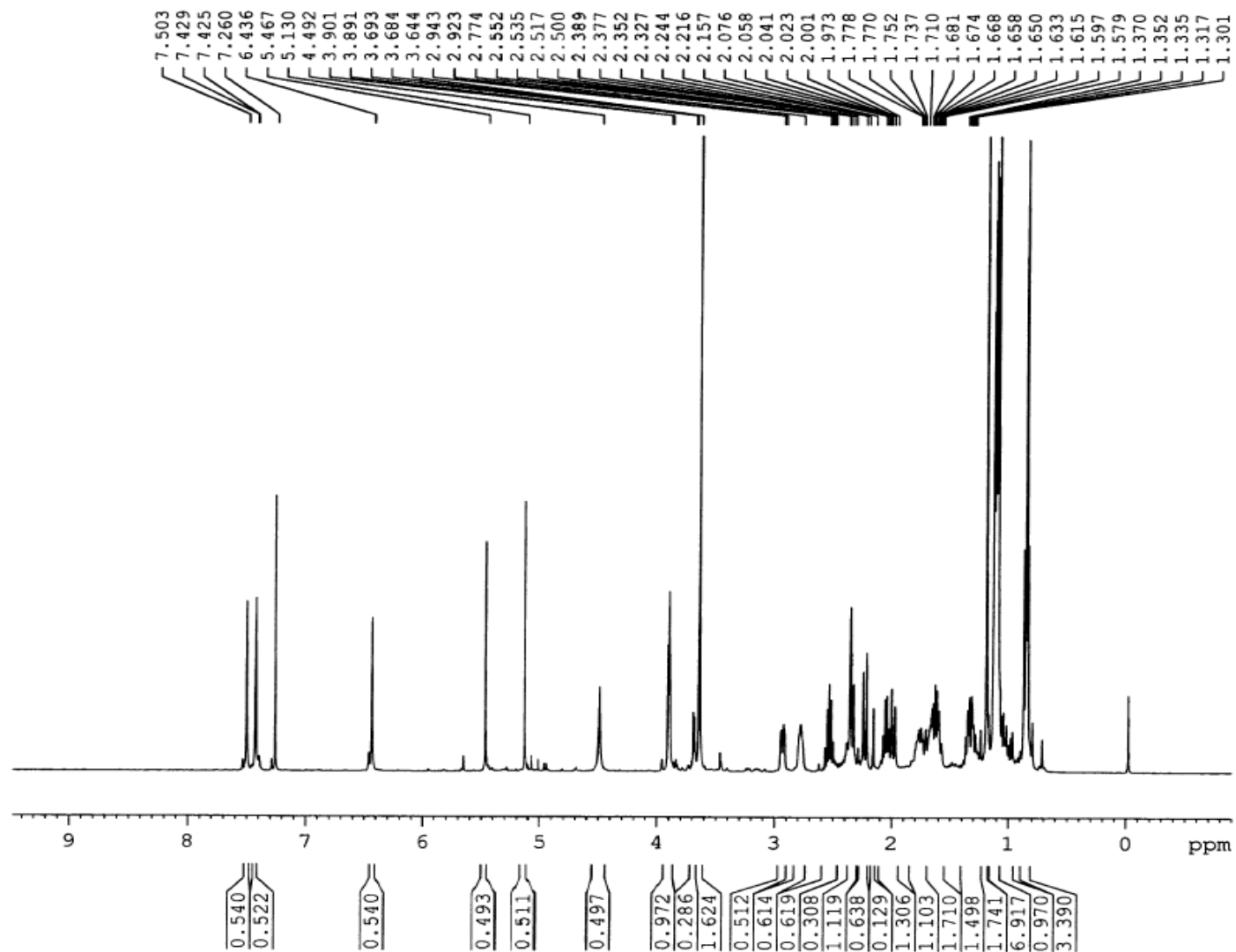
MS+31-May-2009

ysx-8 28 (1.671)

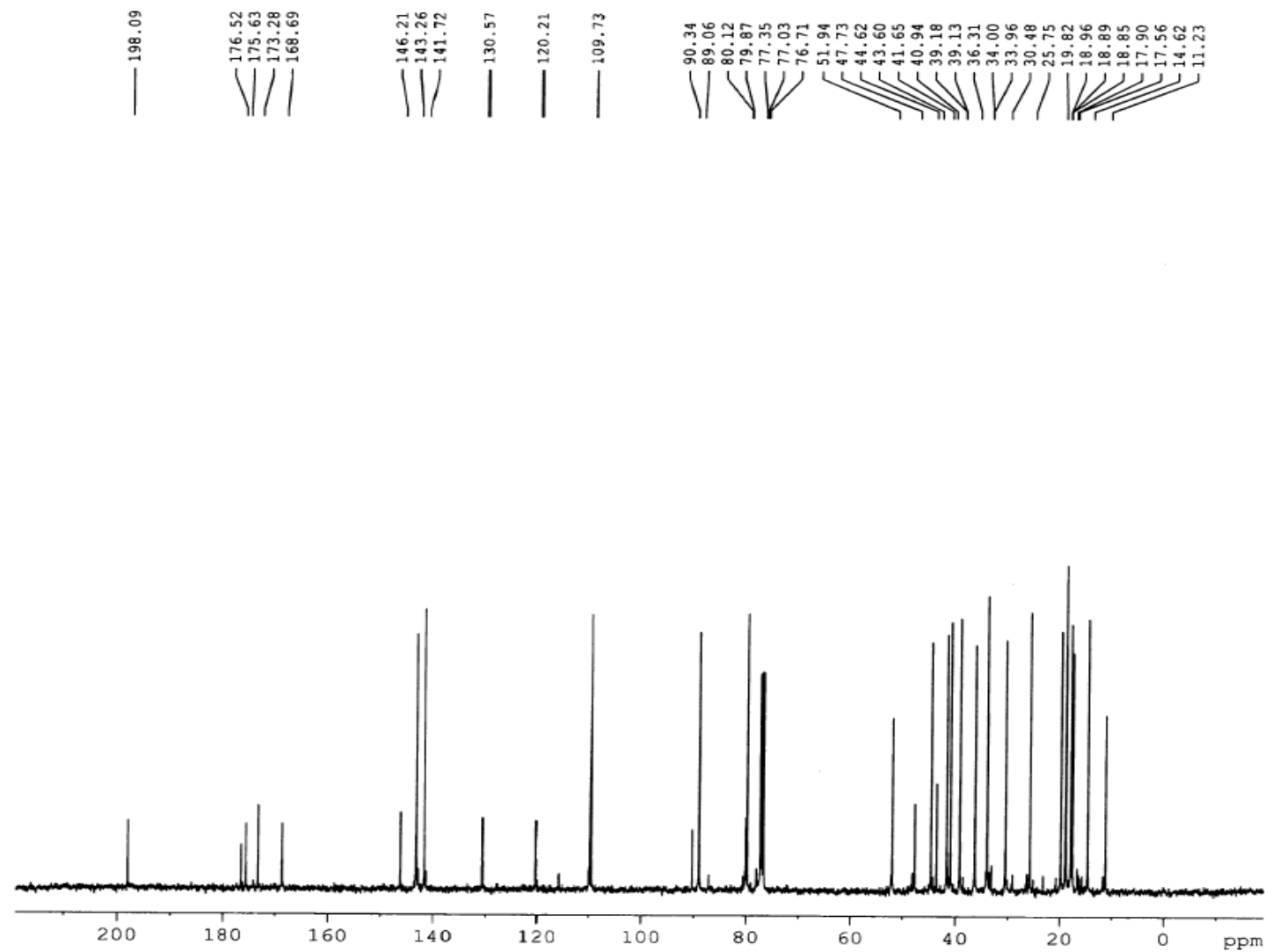
1: TOF MS ES+
3.18e4



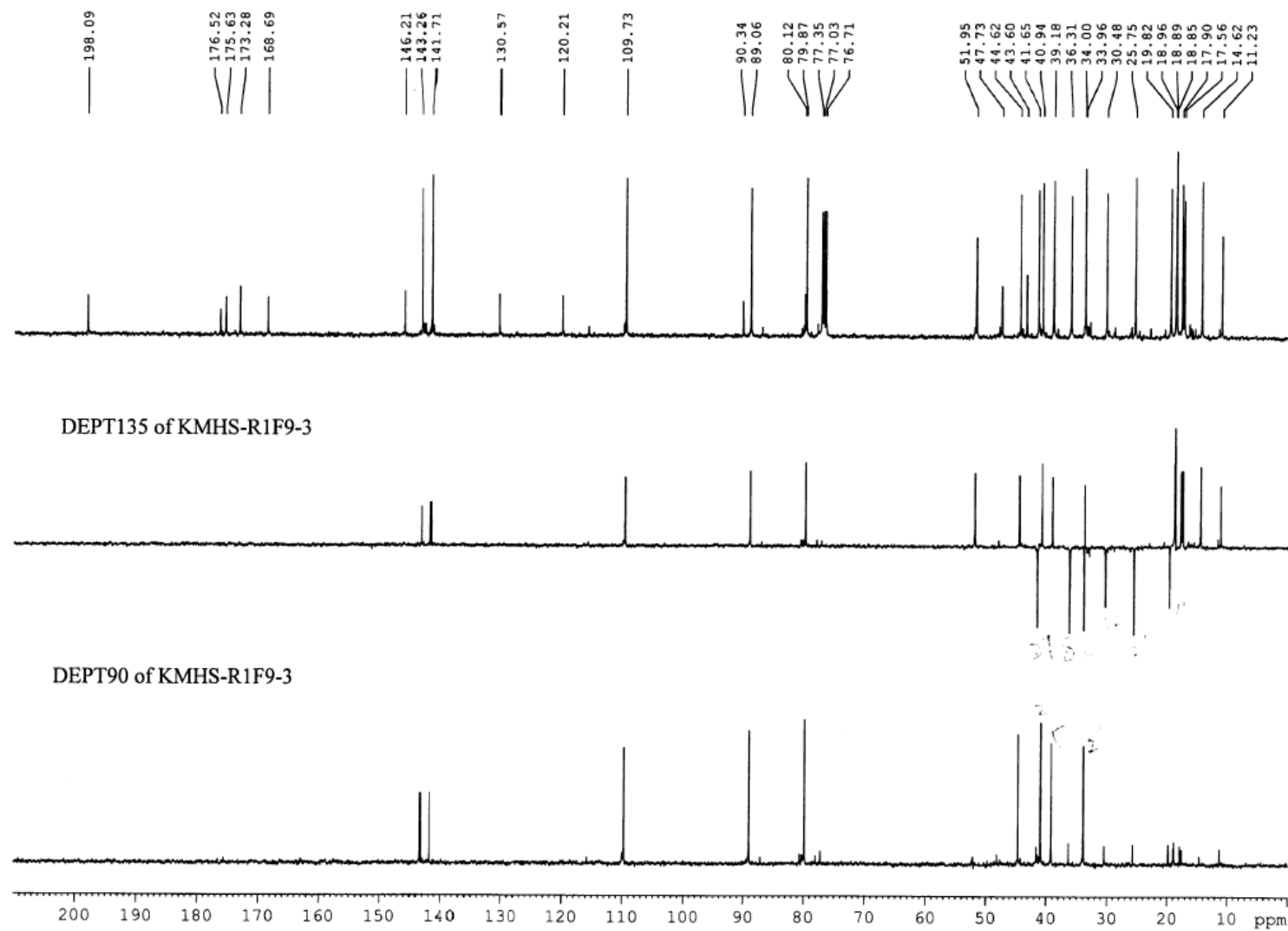
^1H NMR (400 MHz) of moluccensin B (2) in CDCl_3



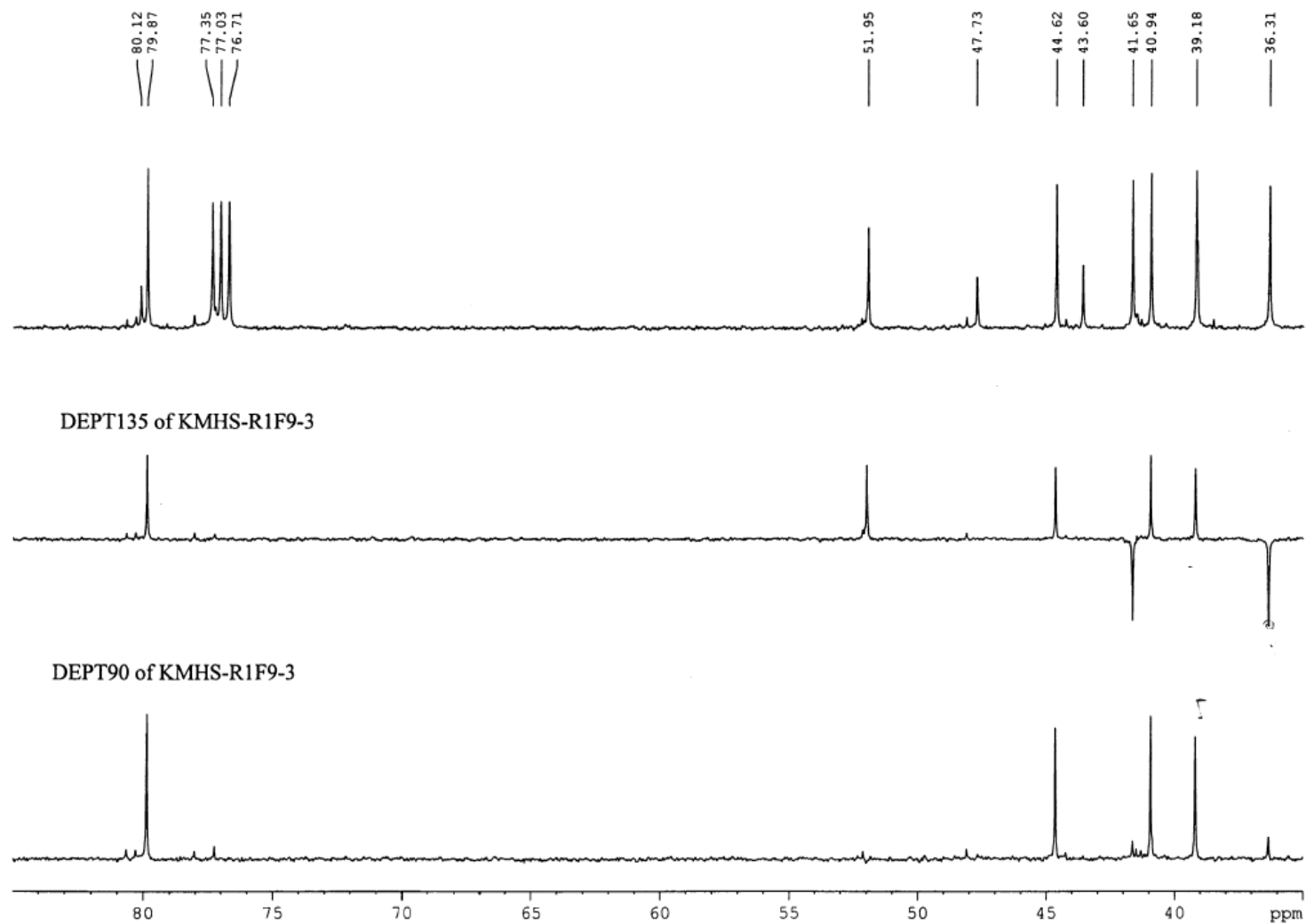
^{13}C NMR (400 MHz) spectrum of moluccensin B (2) in CDCl_3



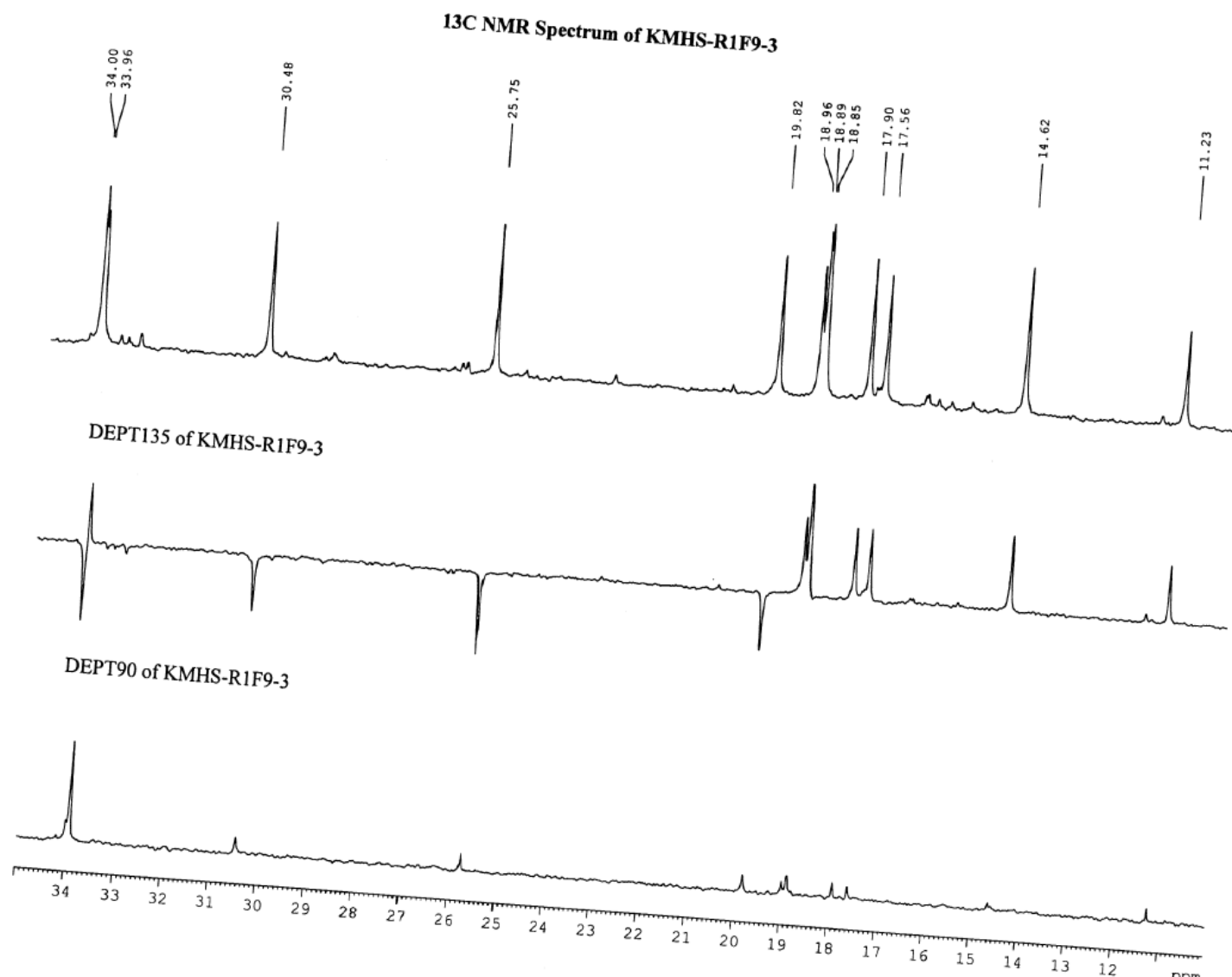
^{13}C NMR (400 MHz) and DEPT spectra of moluccensin B (2) in CDCl_3



Enlarged segment of ^{13}C NMR (400 MHz) and DEPT spectra of moluccensin B (**2**) in CDCl_3



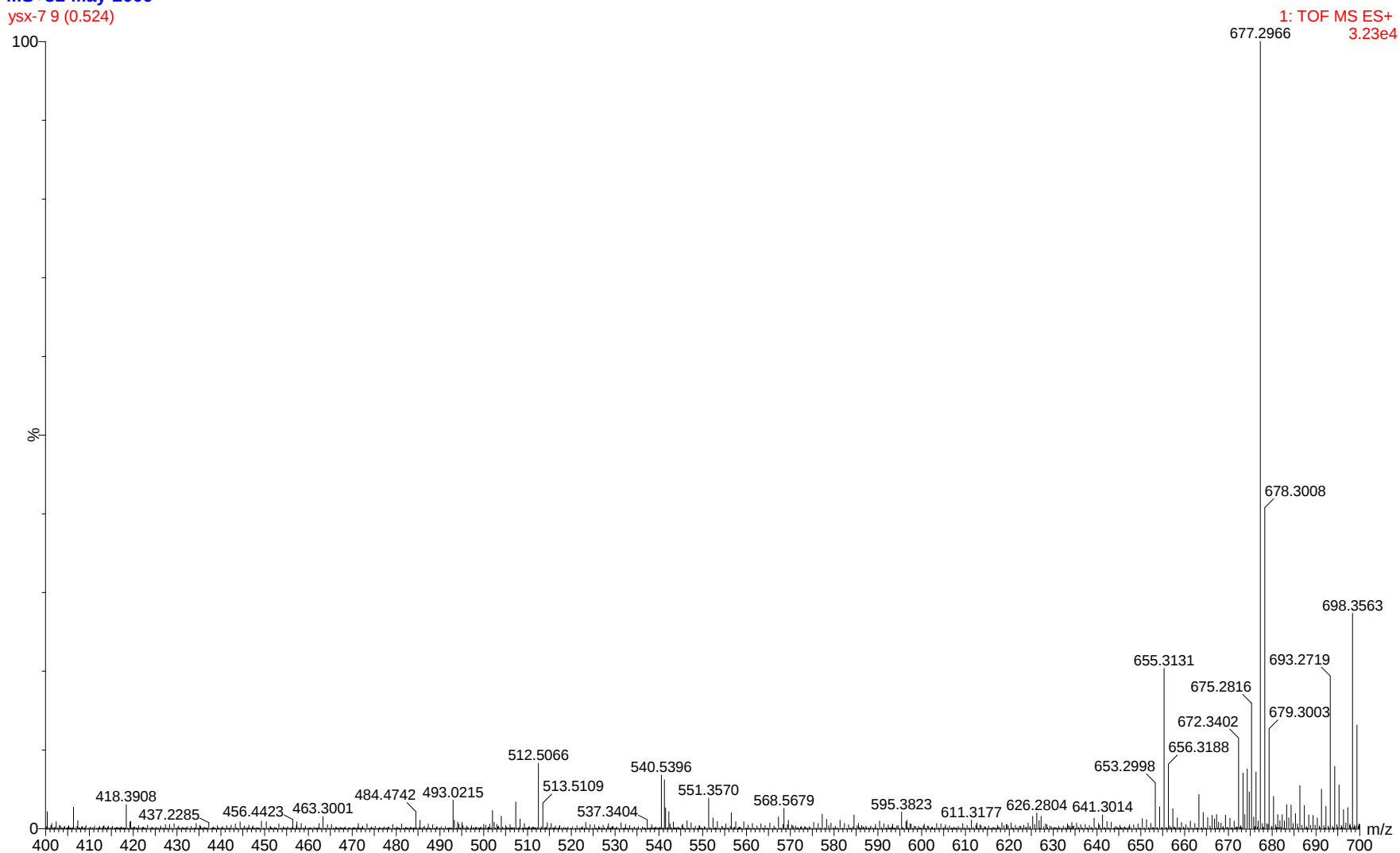
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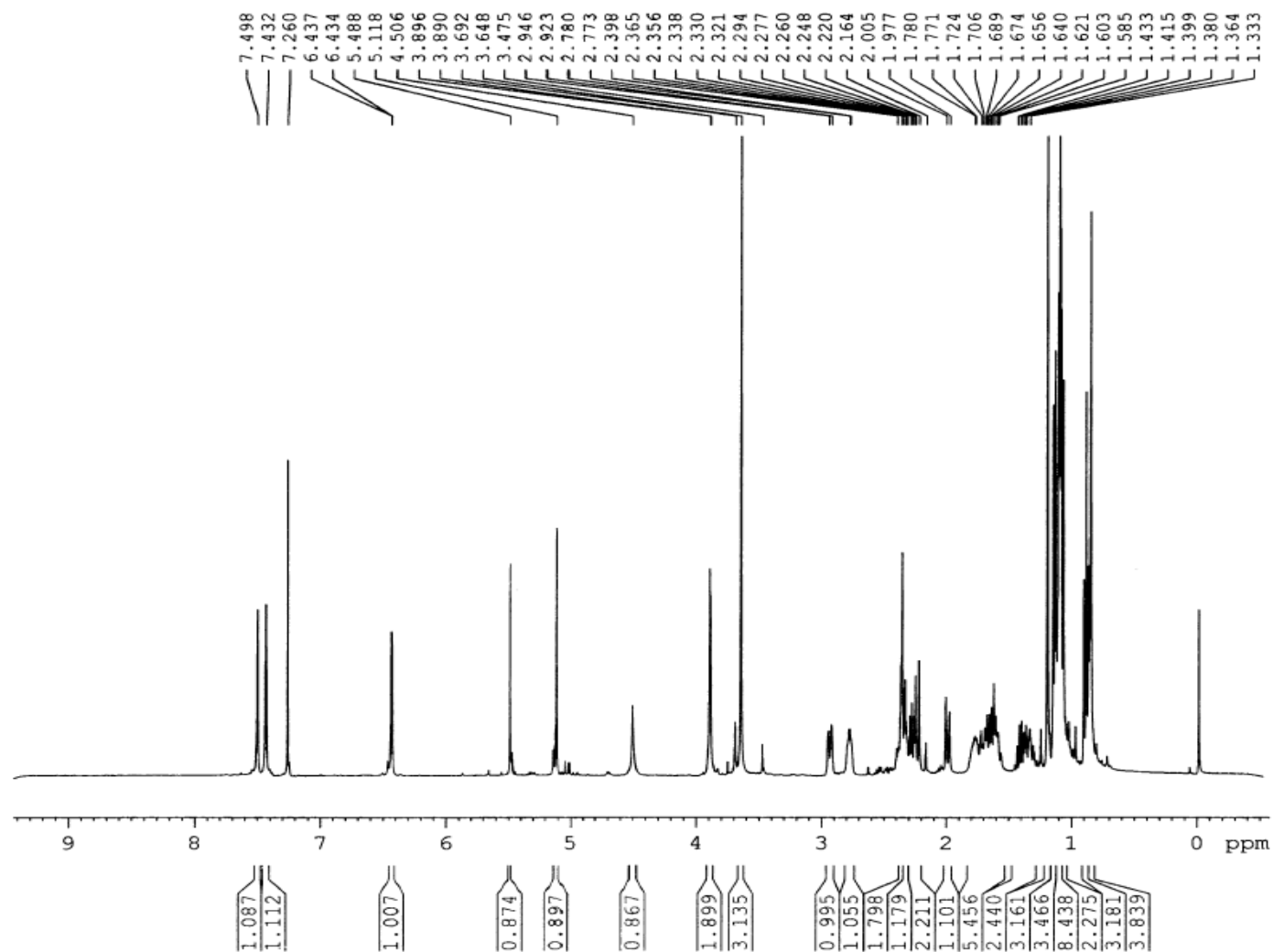
HR-TOFMS of moluccensin C (3)

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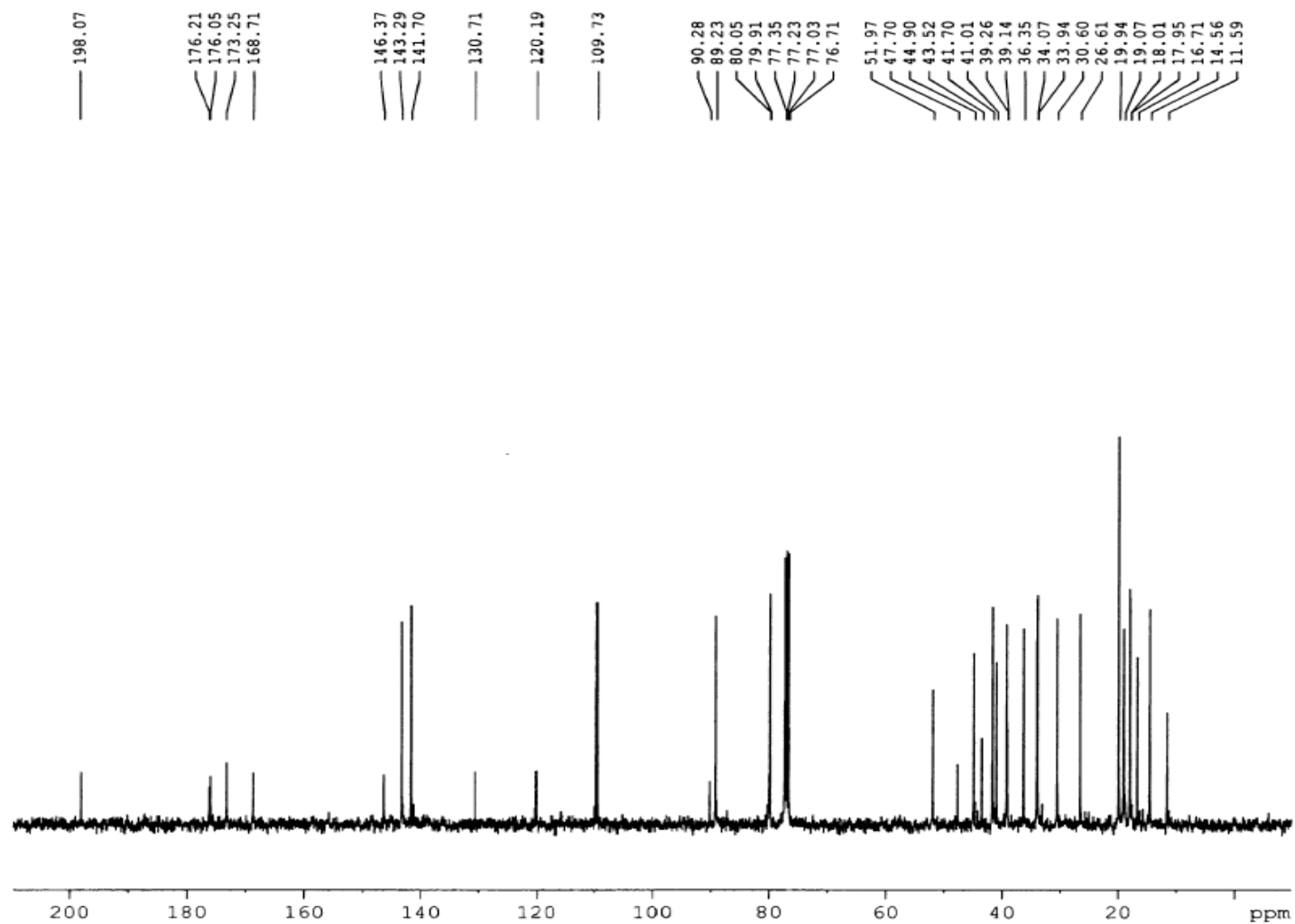
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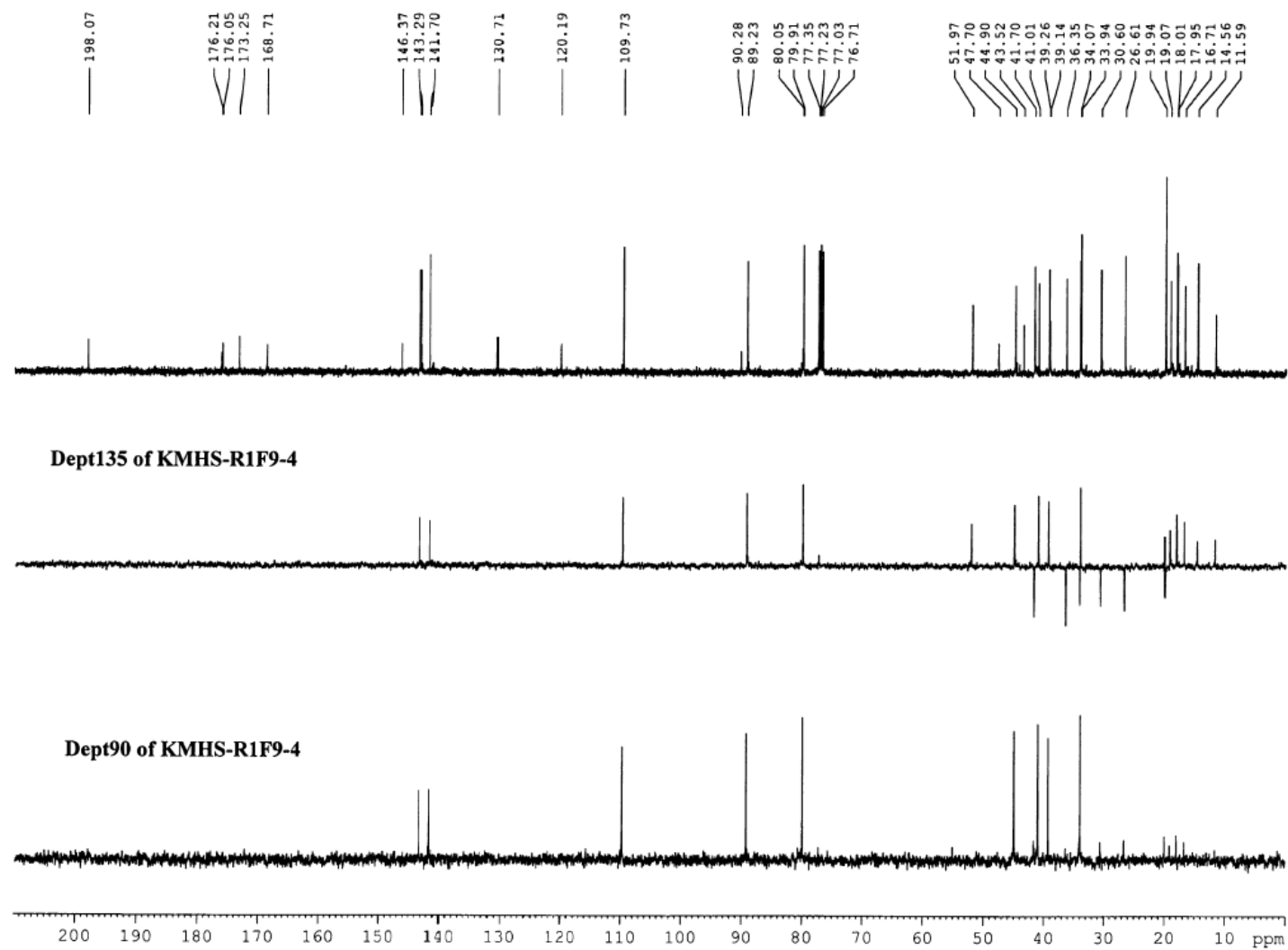
^1H NMR (400 MHz) spectrum of moluccensin C (**3**) in CDCl_3



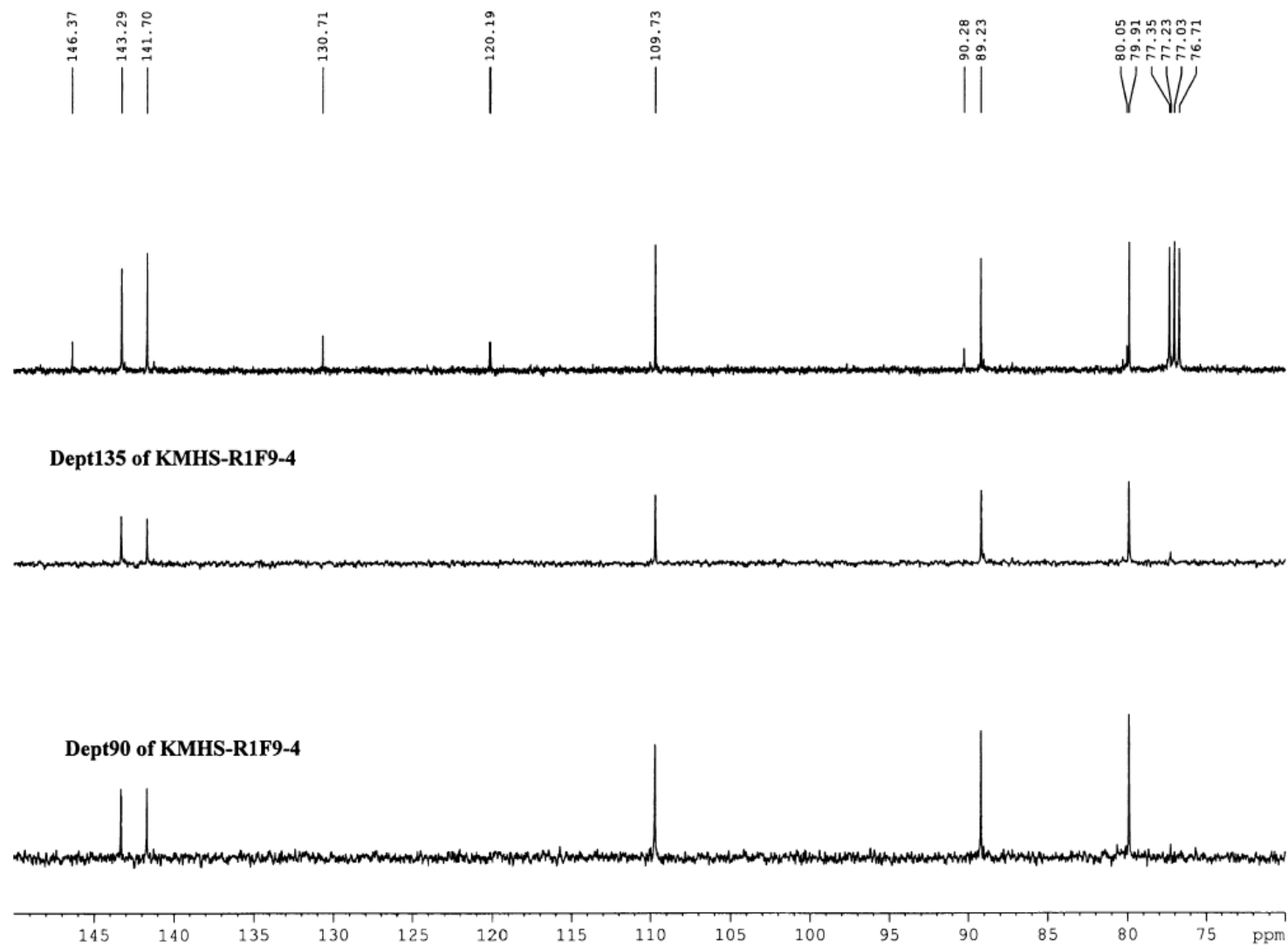
^{13}C NMR (400 MHz) spectrum of moluccensin C (**3**) in CDCl_3



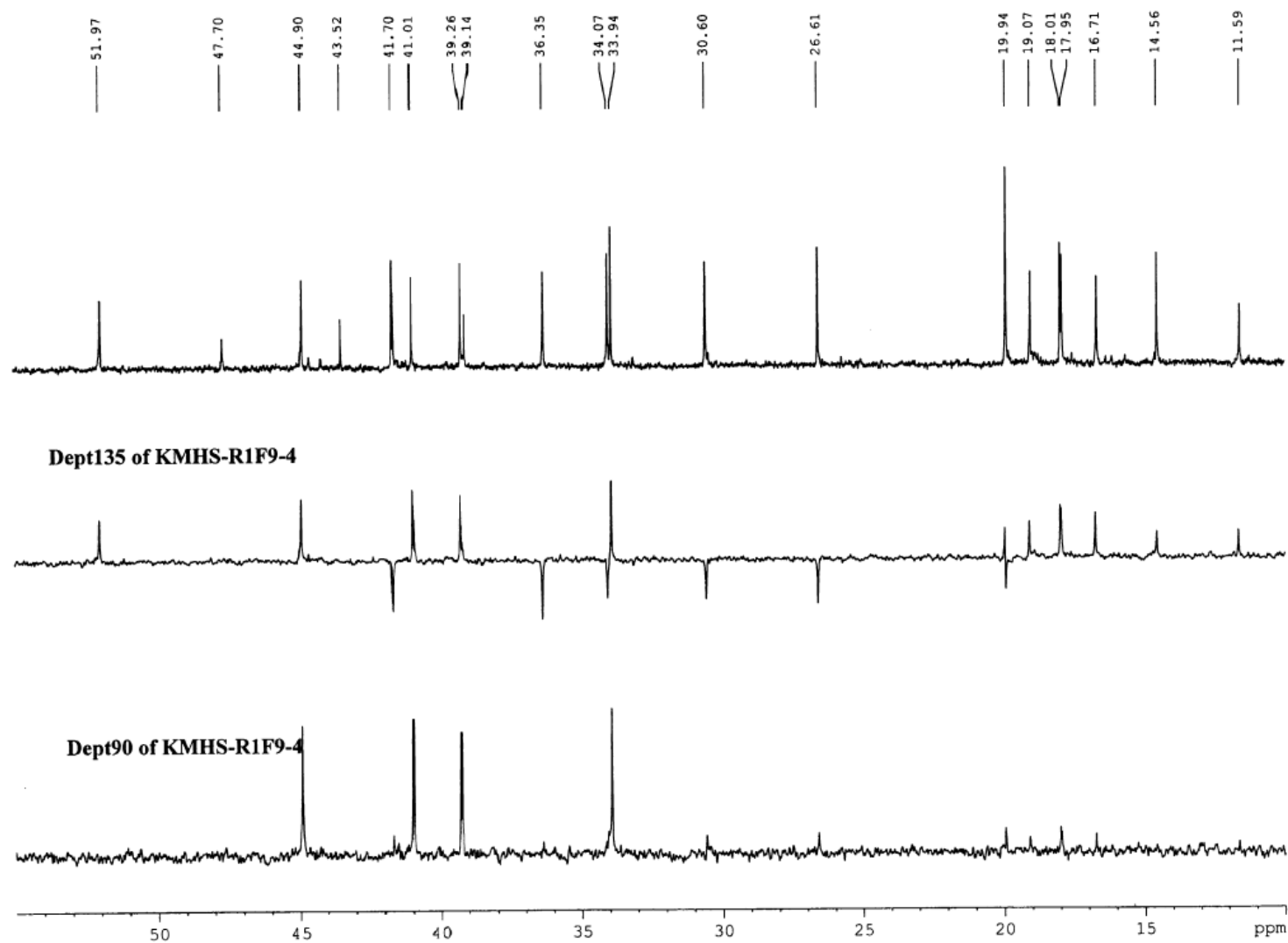
^{13}C NMR (400 MHz) and DEPT spectra of moluccensin C (**3**) in CDCl_3



Enlarged segment of ^{13}C NMR (400 MHz) and DEPT spectra of moluccensin C (**3**) in CDCl_3

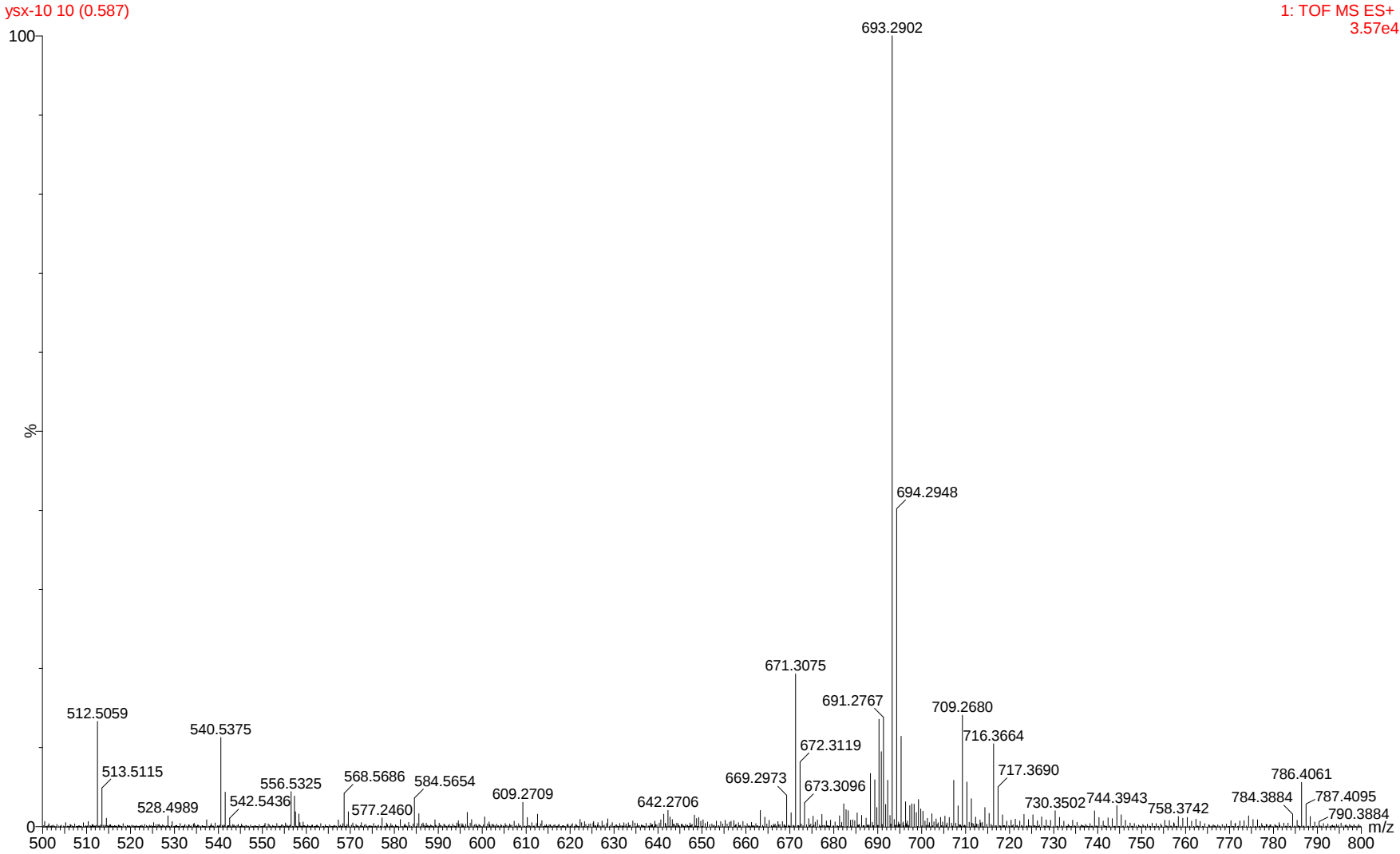


Enlarged segment of ^{13}C NMR (400 MHz) and DEPT spectra of moluccensin C (**3**) in CDCl_3

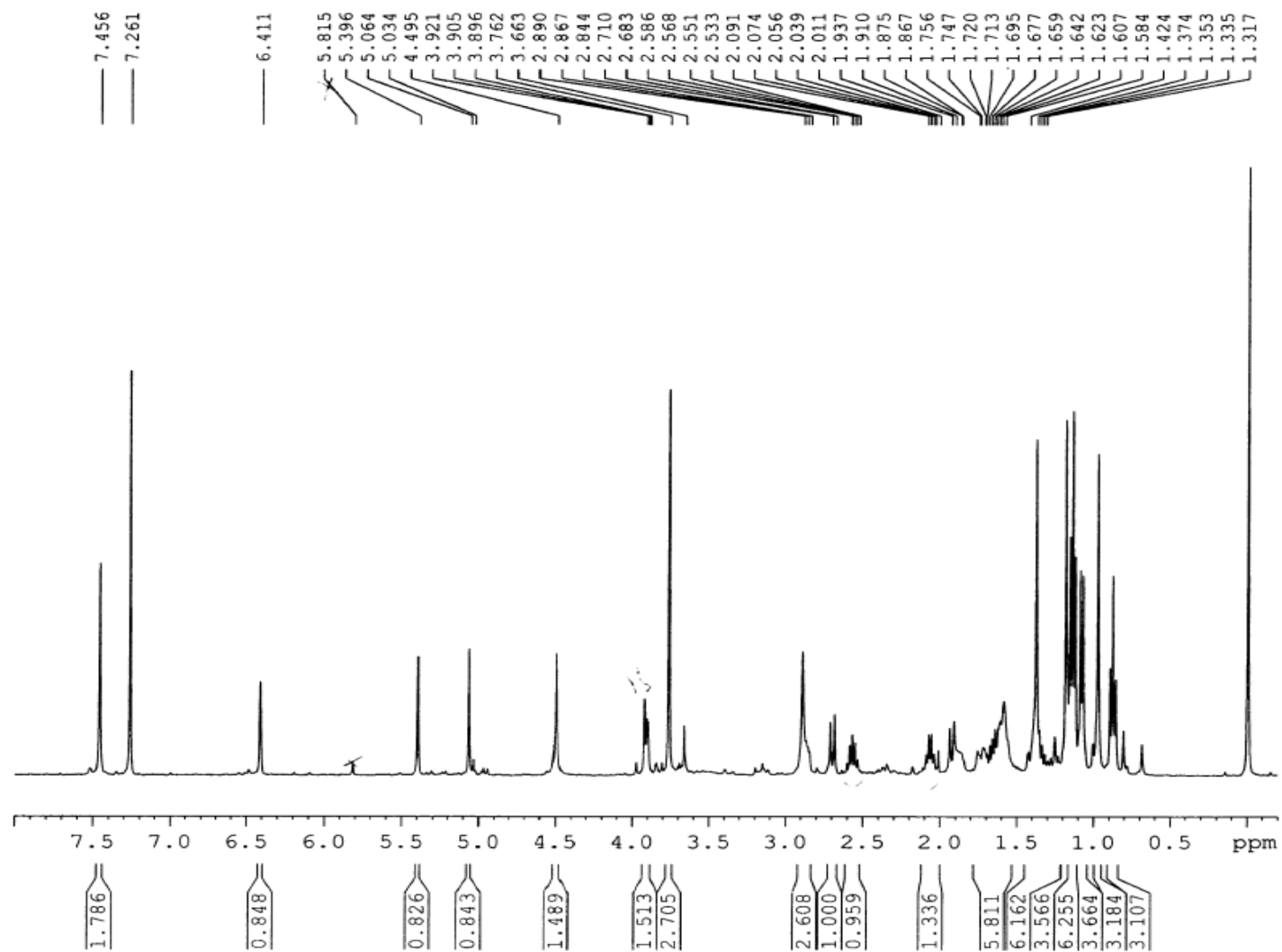


HR-TOFMS of moluccensin D (4)

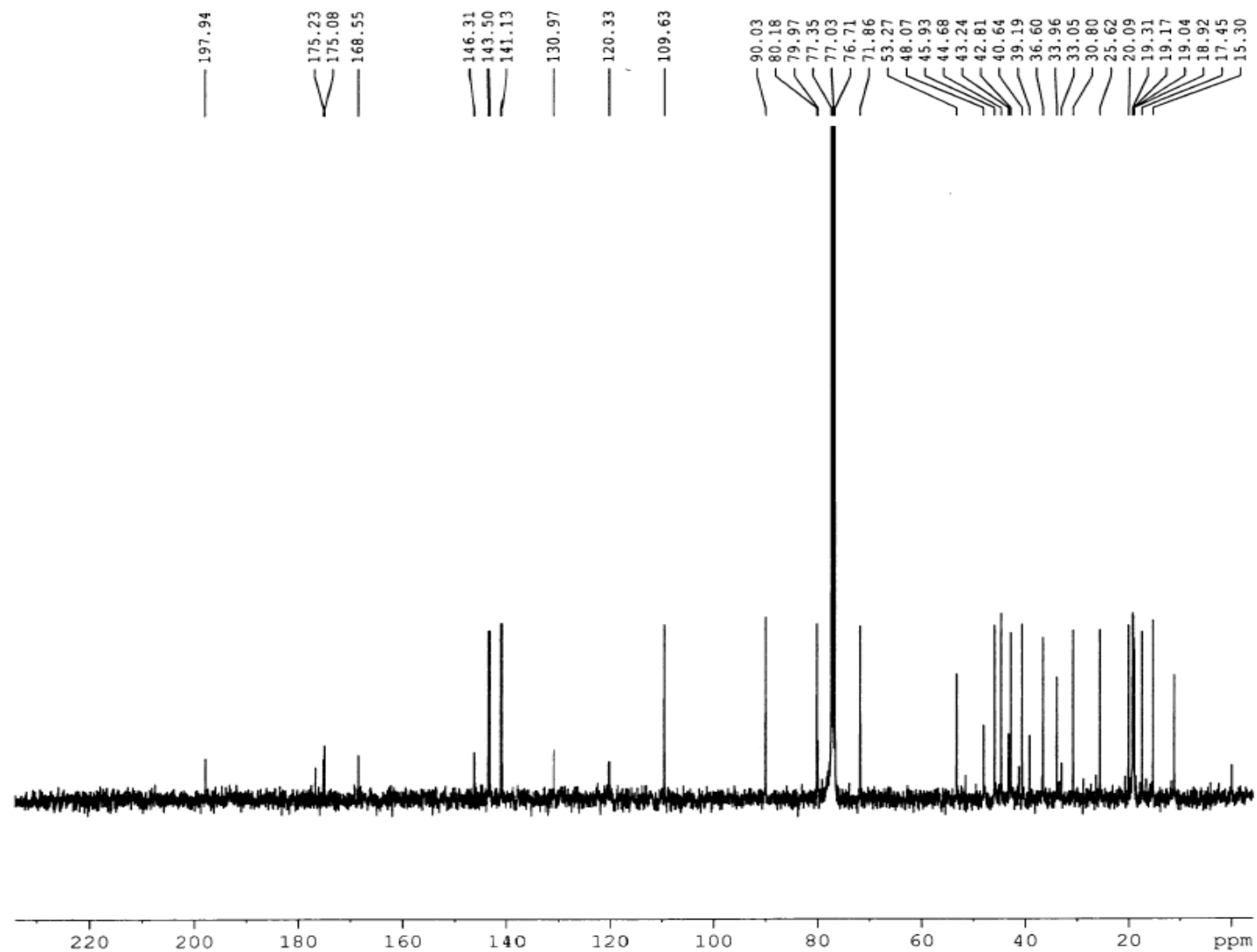
MS+31-May-2009
ysx-10 10 (0.587)



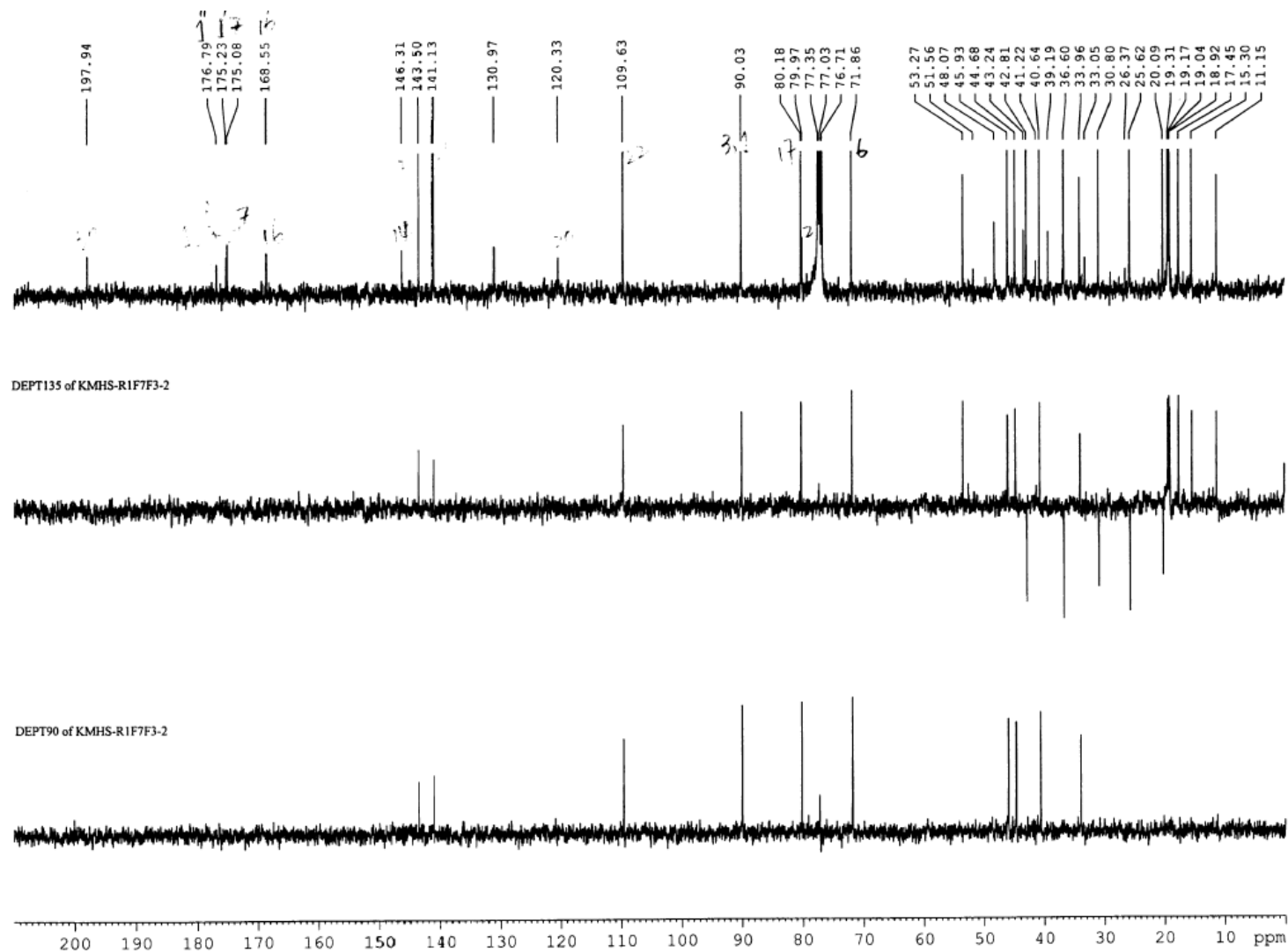
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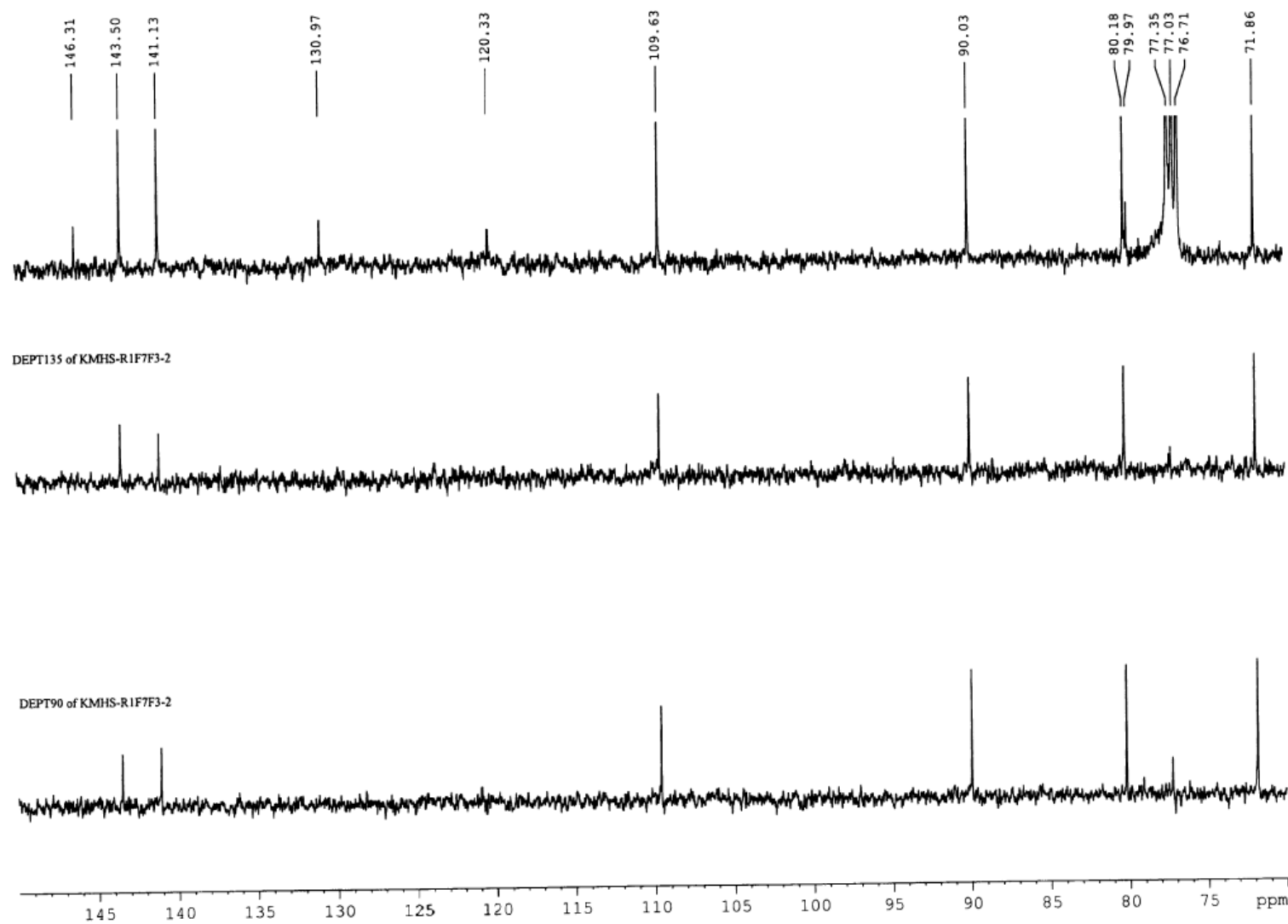
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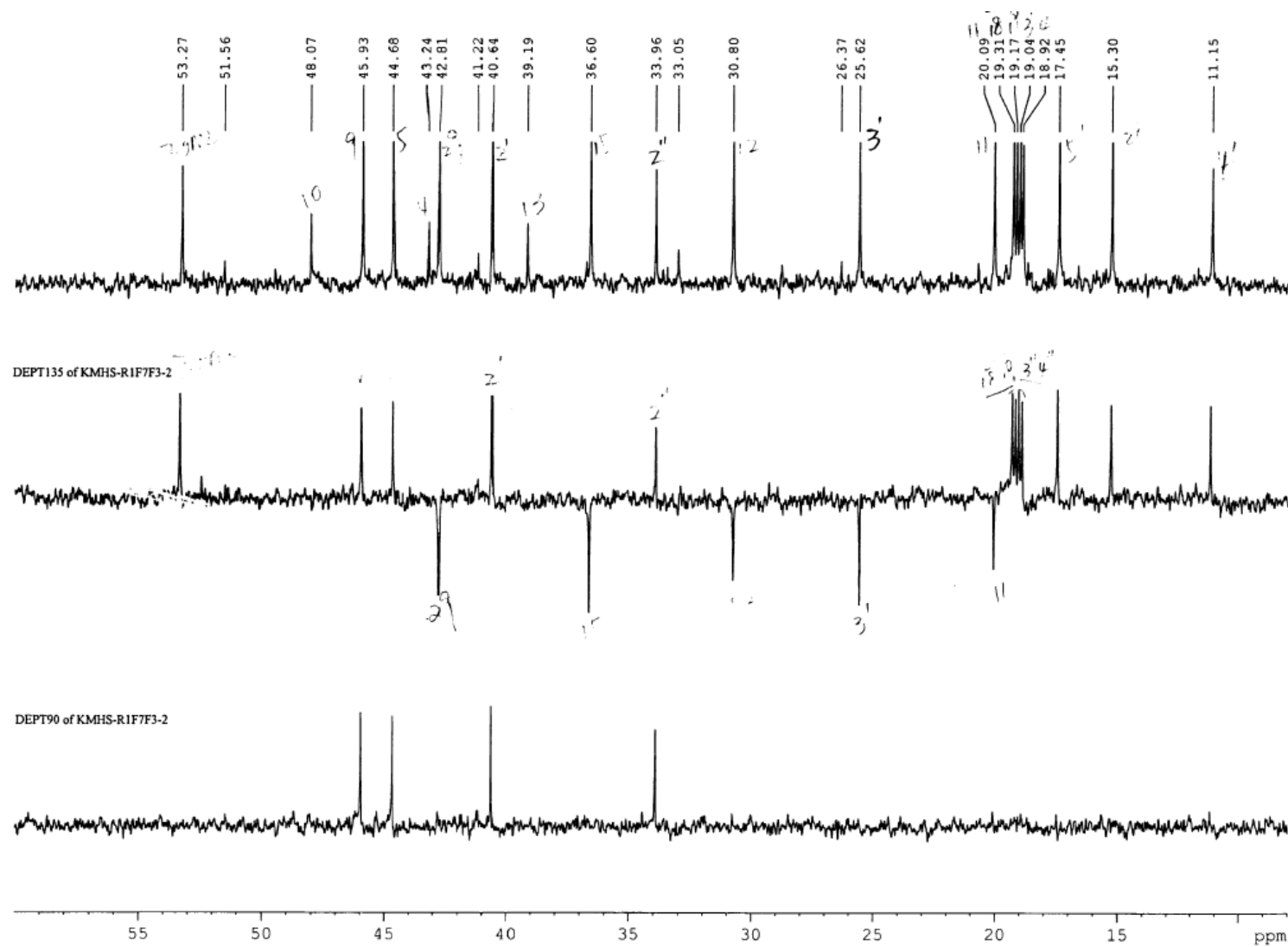
^{13}C NMR (400 MHz) and DEPT spectra of moluccensin D (4) in CDCl_3



Enlarged segment of ^{13}C NMR (400 MHz) and DEPT spectra of moluccensin D (**4**) in CDCl_3



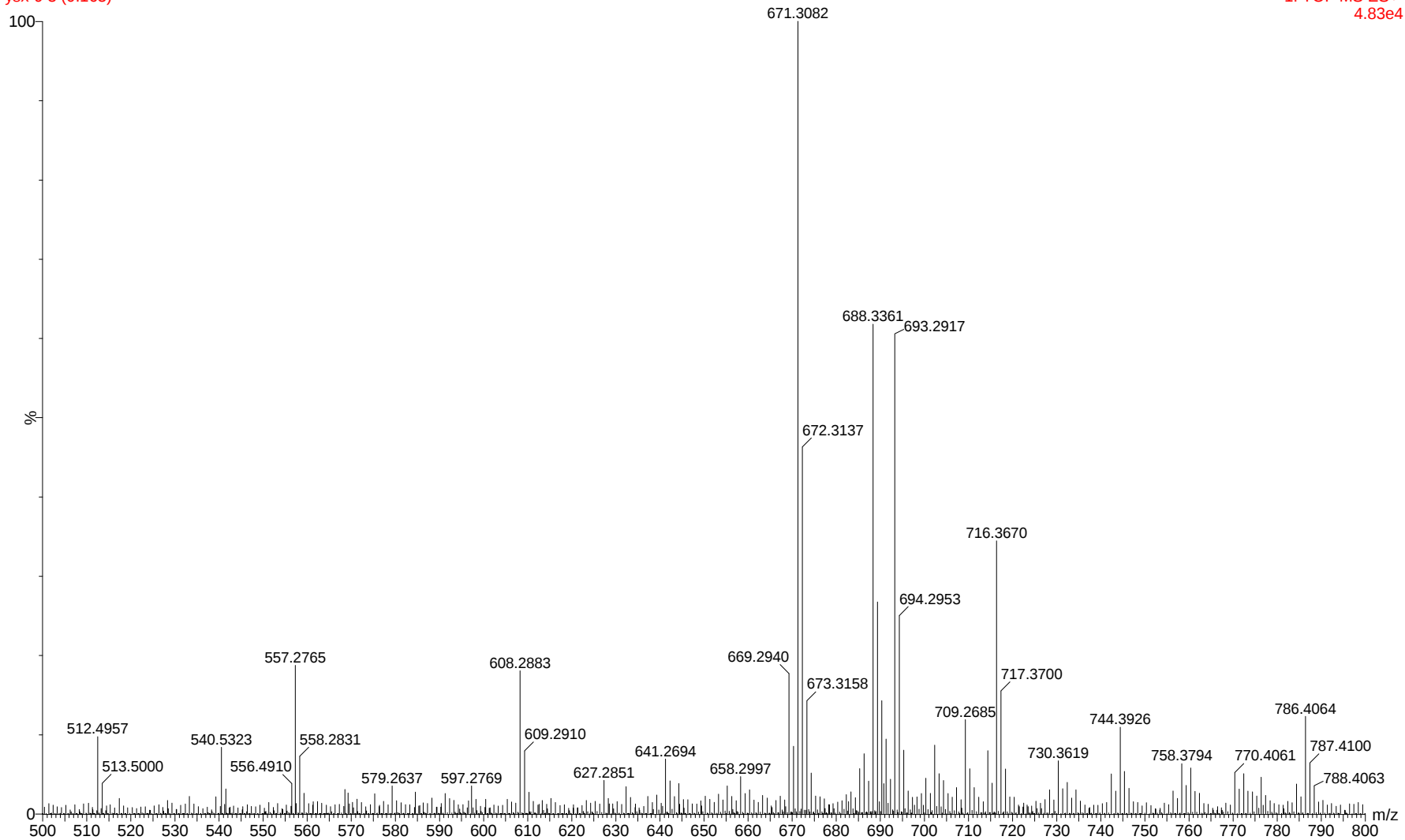
Enlarged segment of ^{13}C NMR (400 MHz) and DEPT spectra of moluccensin D (**4**) in CDCl_3



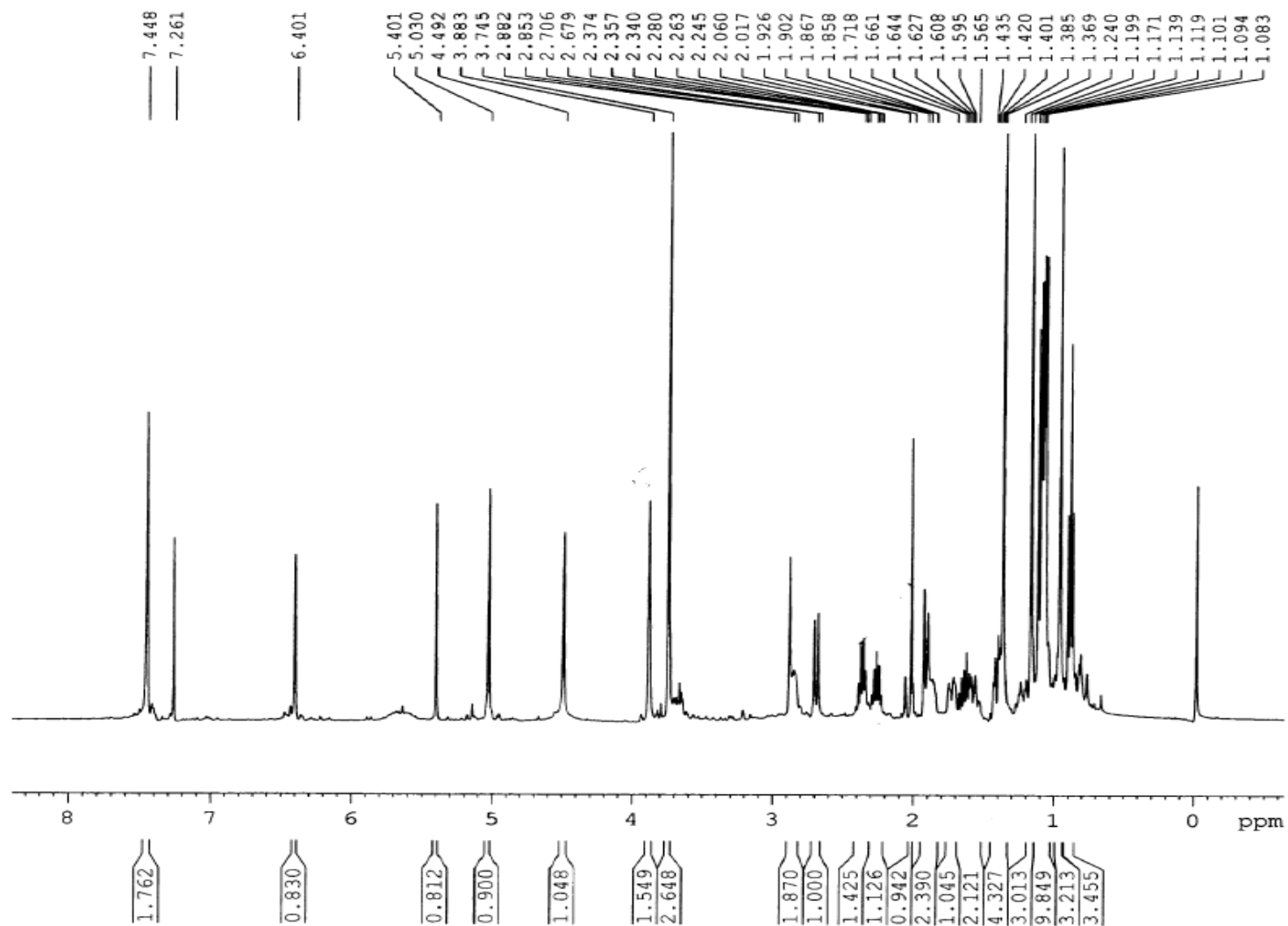
HR-TOFMS of moluccensin E (5)

MS+31-May-2009
ysx-9 3 (0.163)

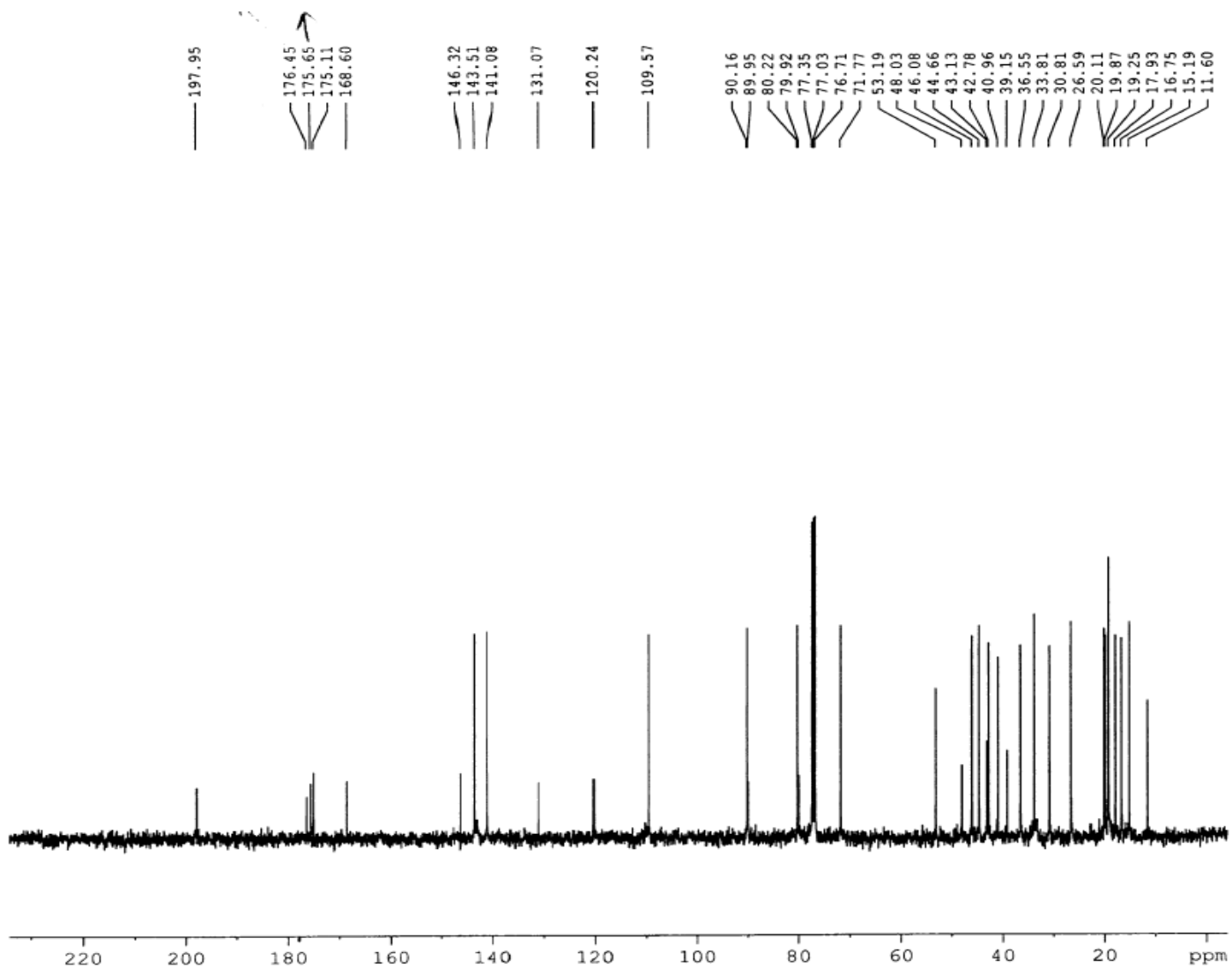
1: TOF MS ES+
4.83e4



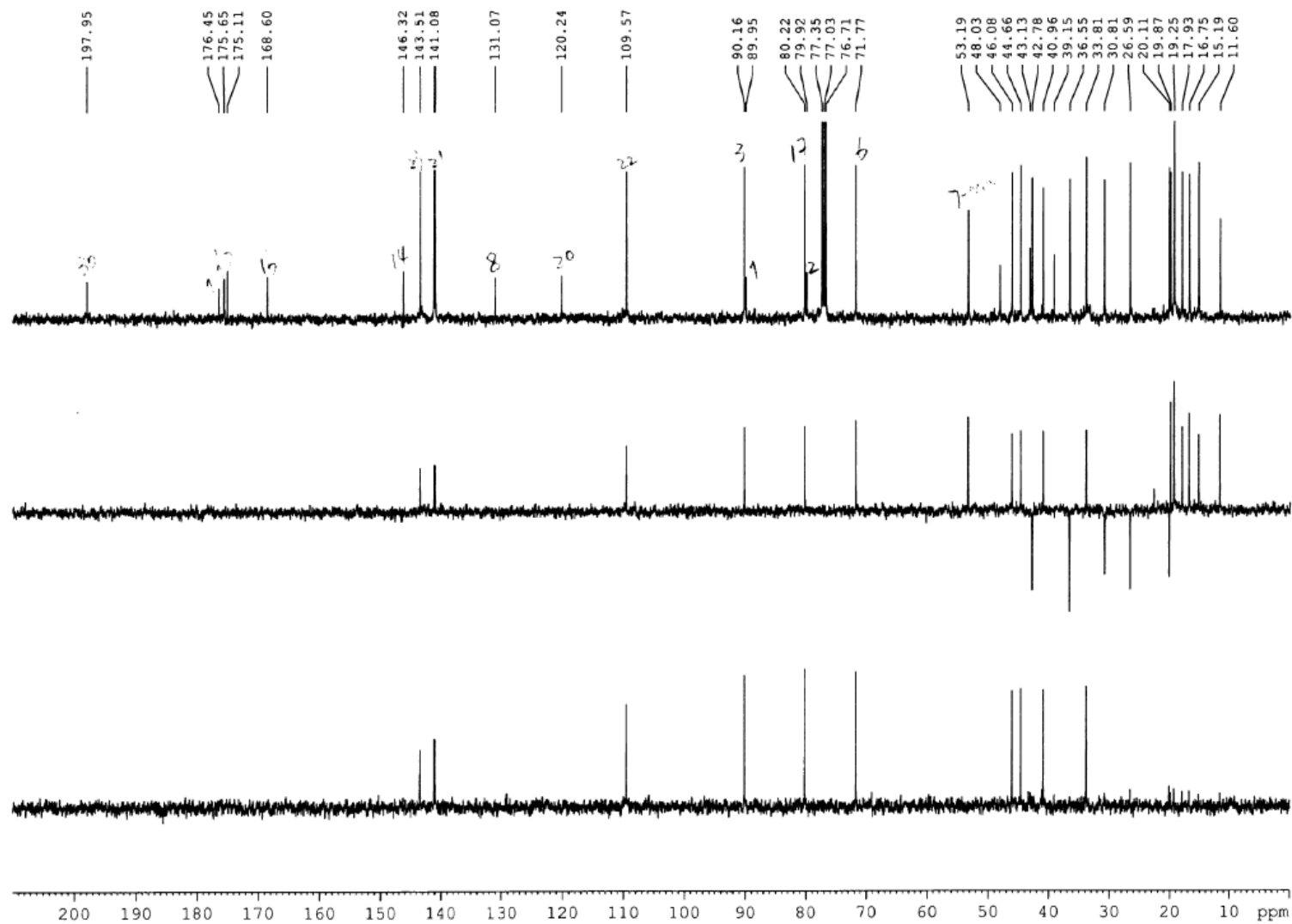
^1H NMR (400 MHz) spectrum of moluccensin E (**5**) in CDCl_3



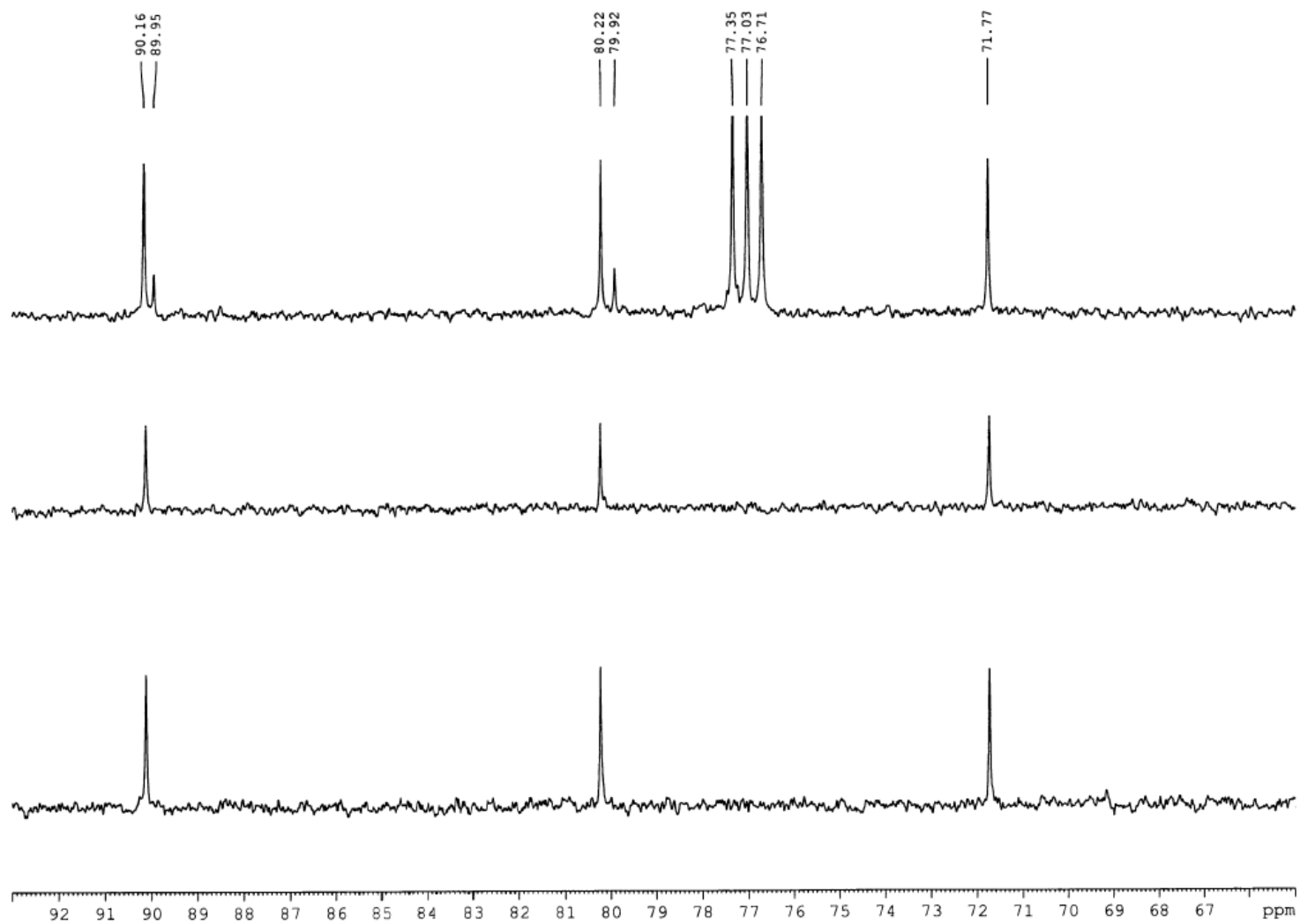
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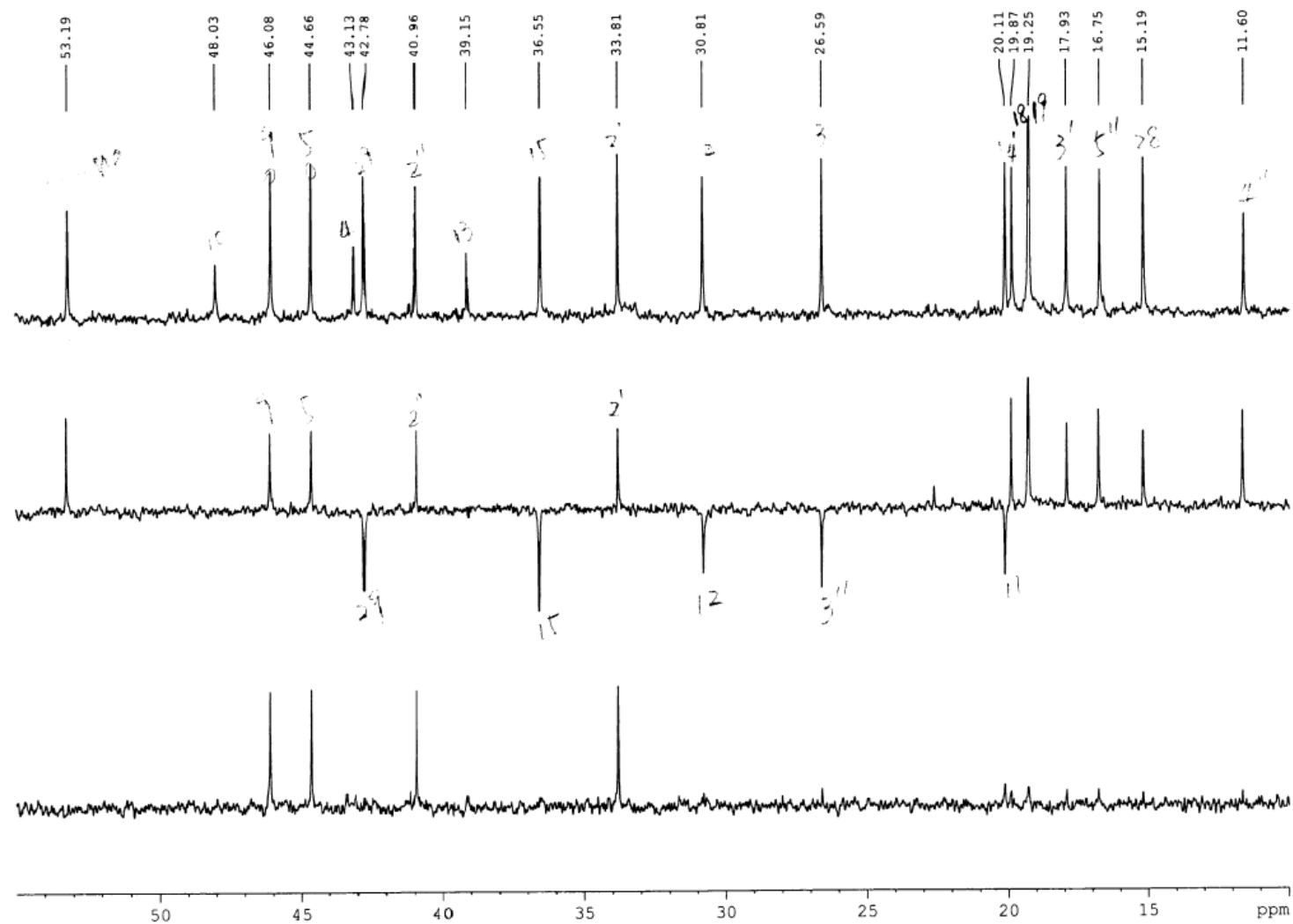
^{13}C NMR (400 MHz) and DEPT spectra of moluccensin E (5) in CDCl_3



Enlarged segment of ^{13}C NMR (400 MHz) and DEPT spectra of moluccensin E (5) in CDCl_3

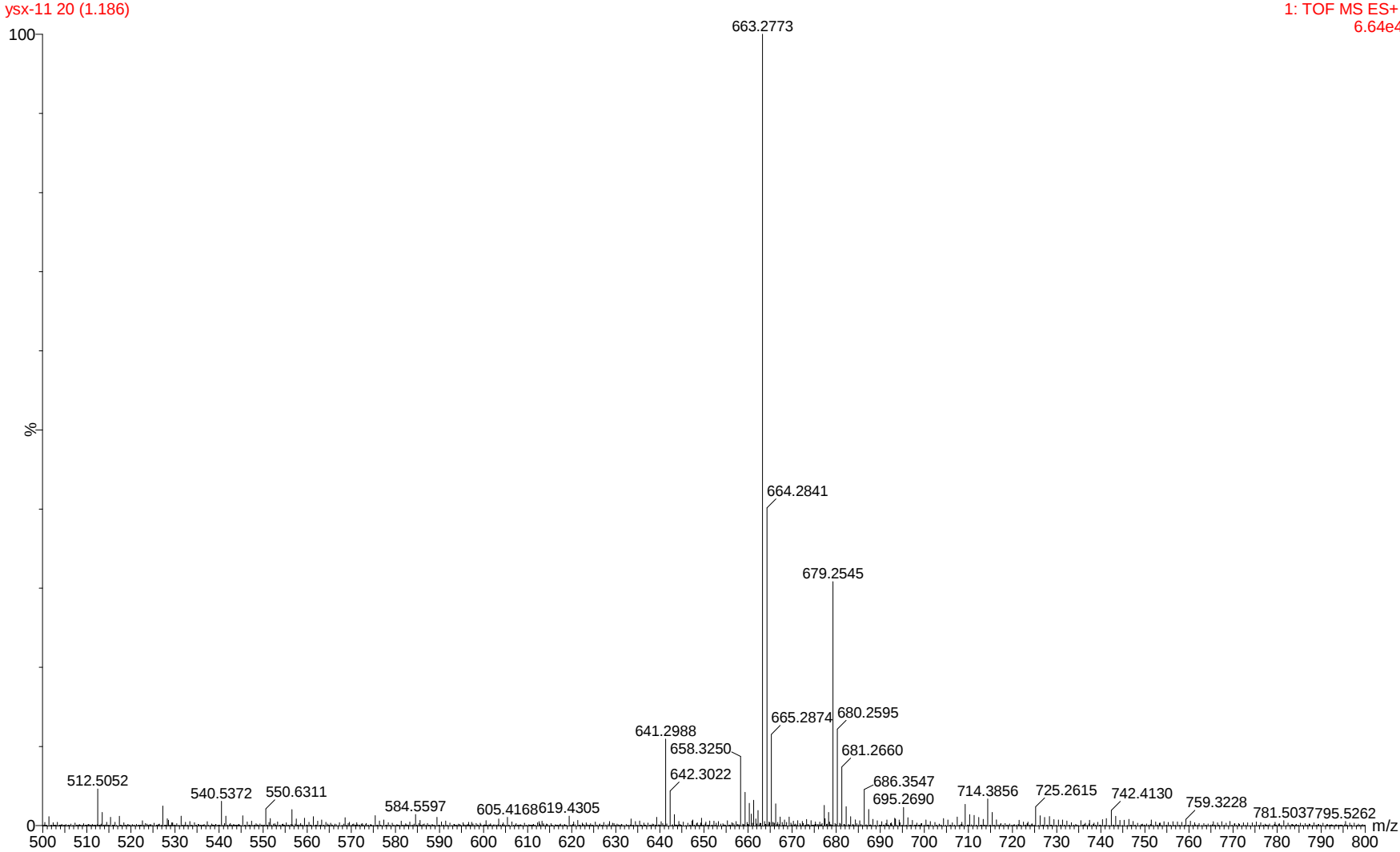


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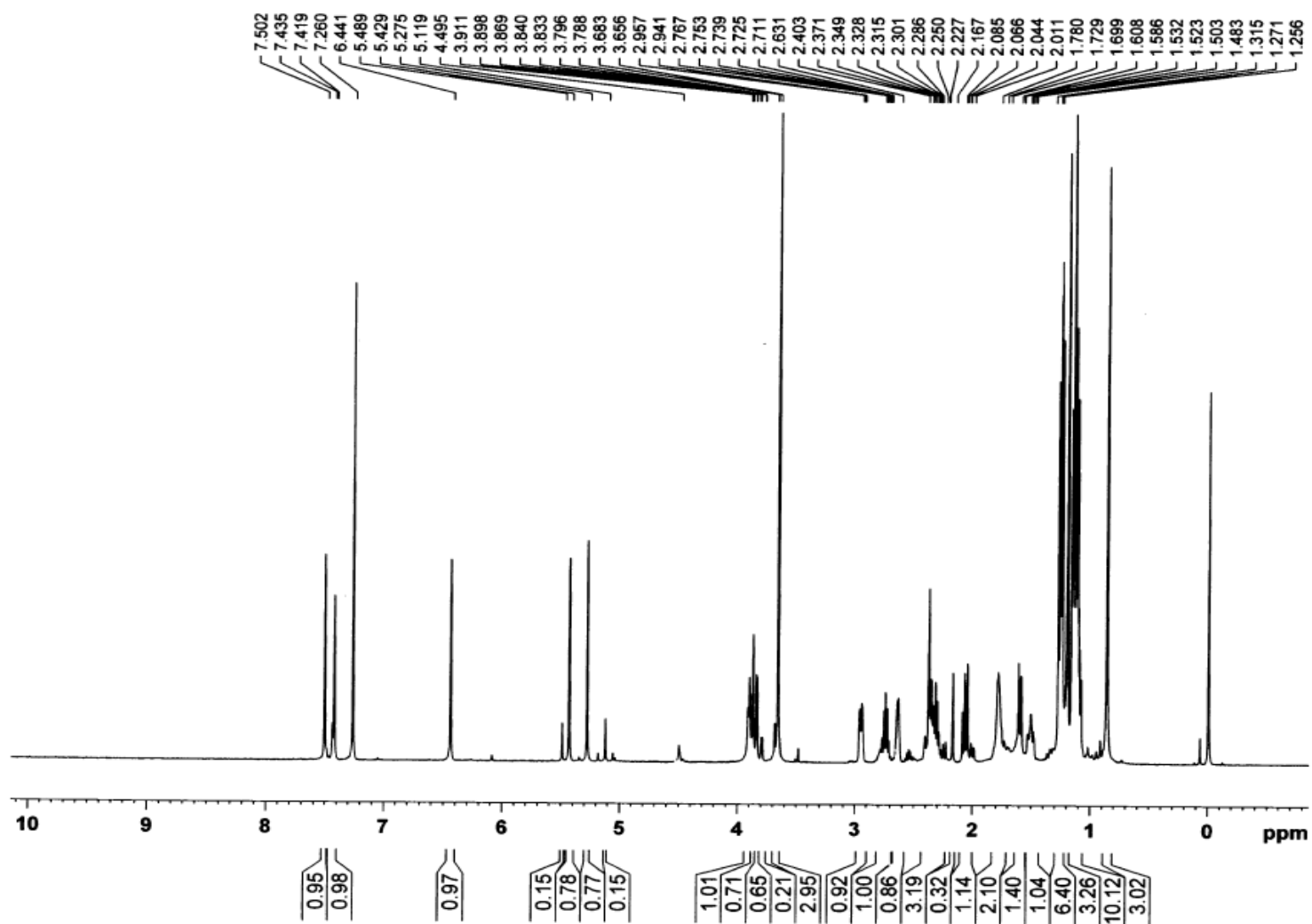


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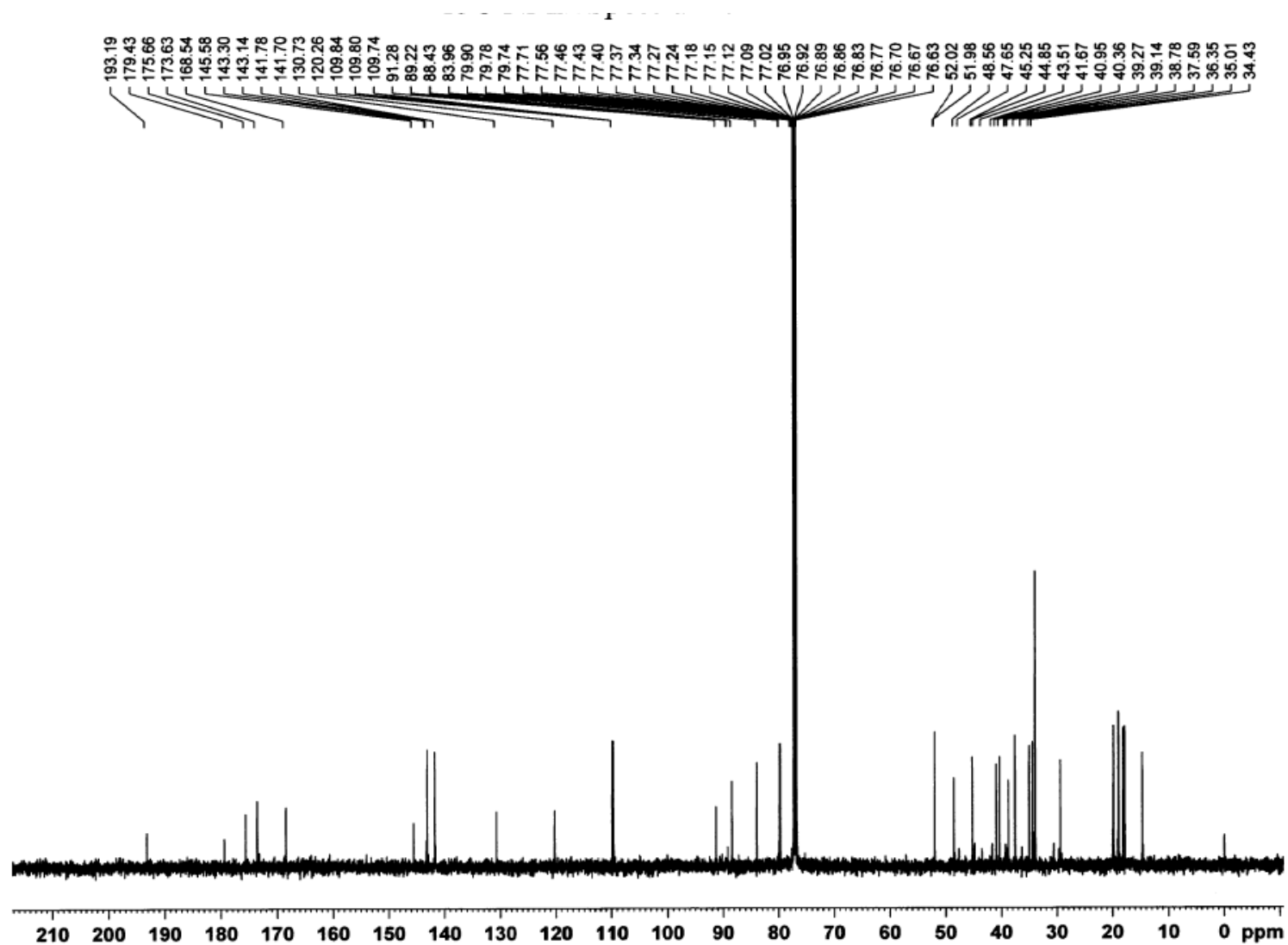
MS+31-May-2009
ysx-11 20 (1.186)



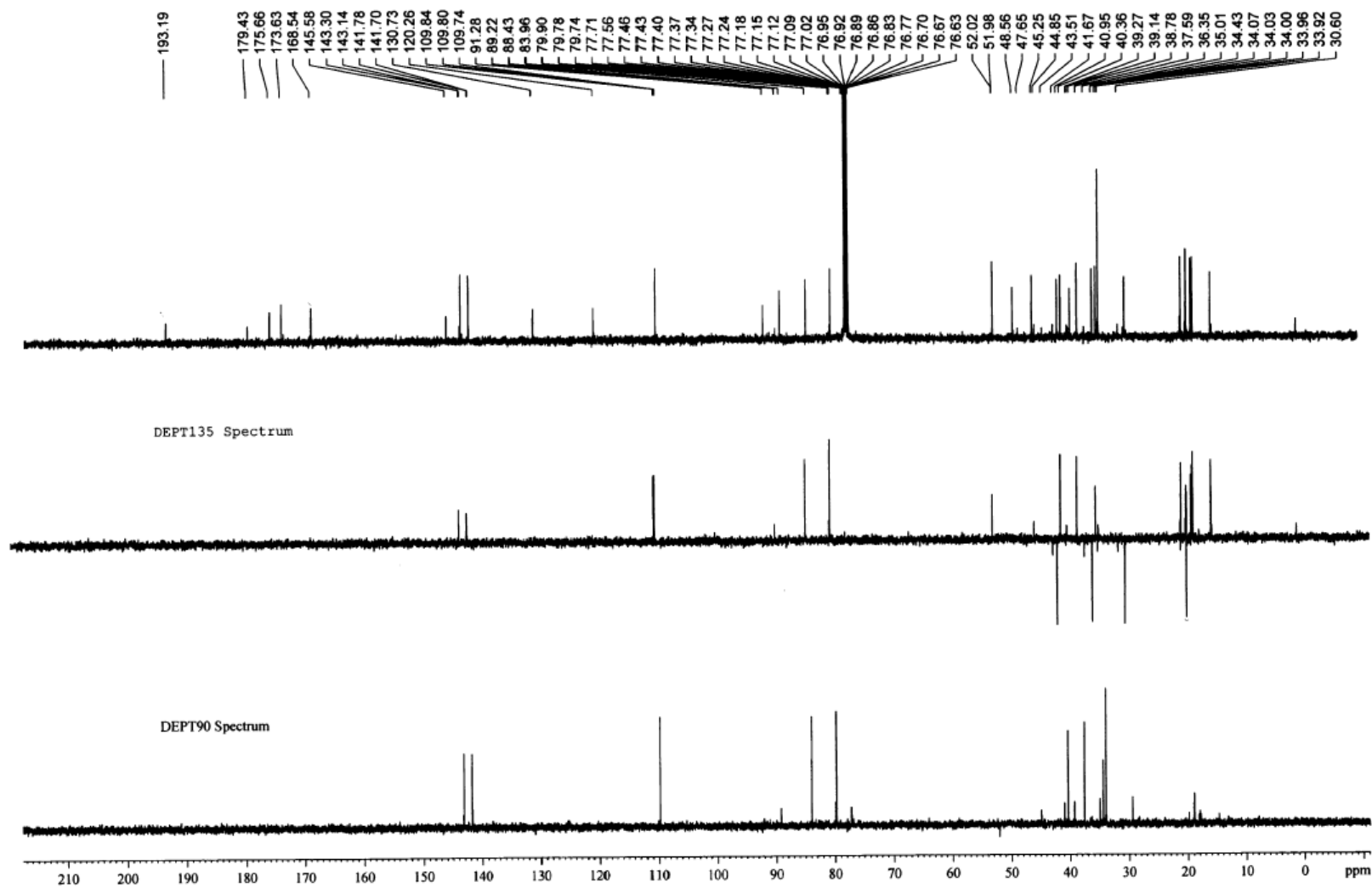
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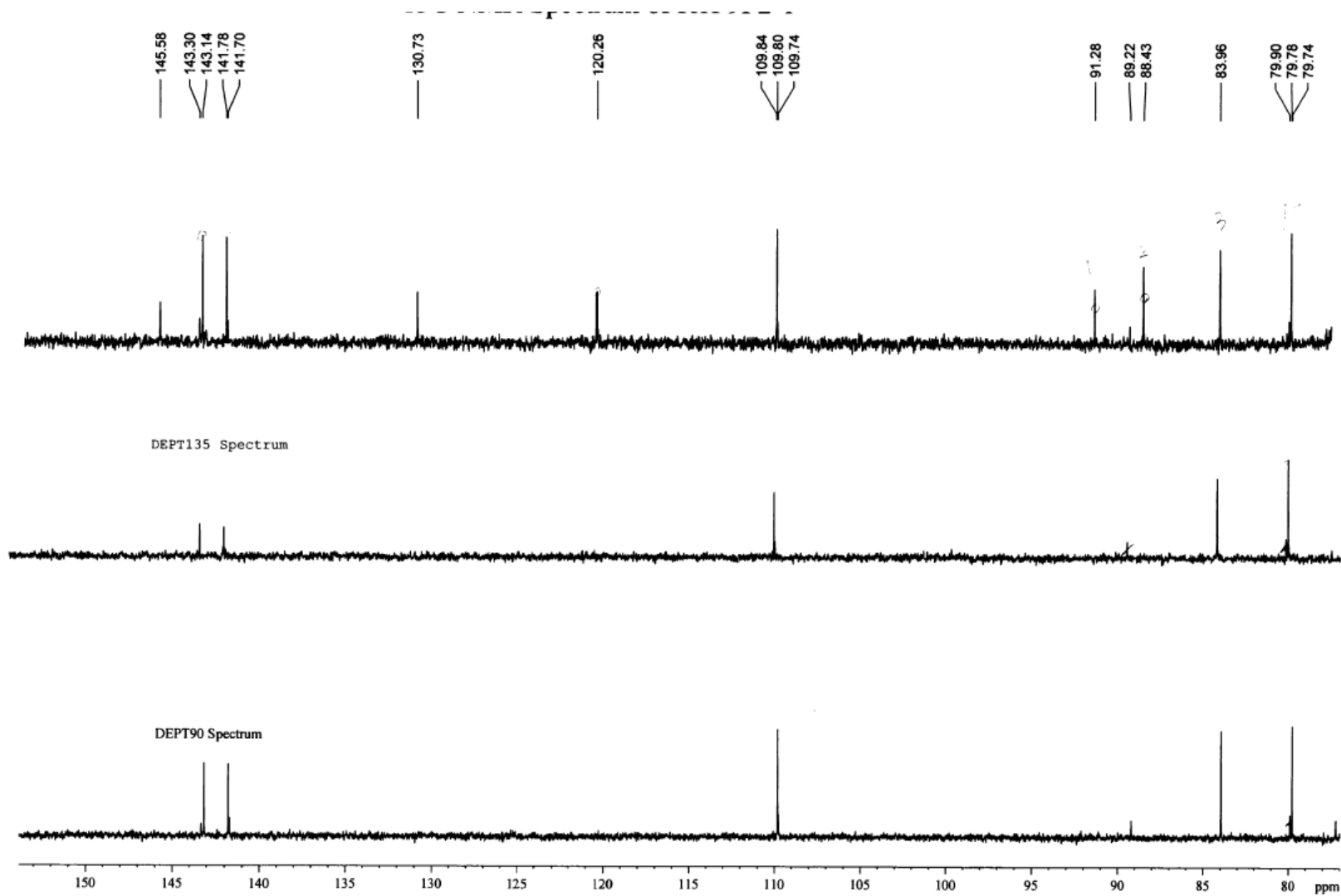
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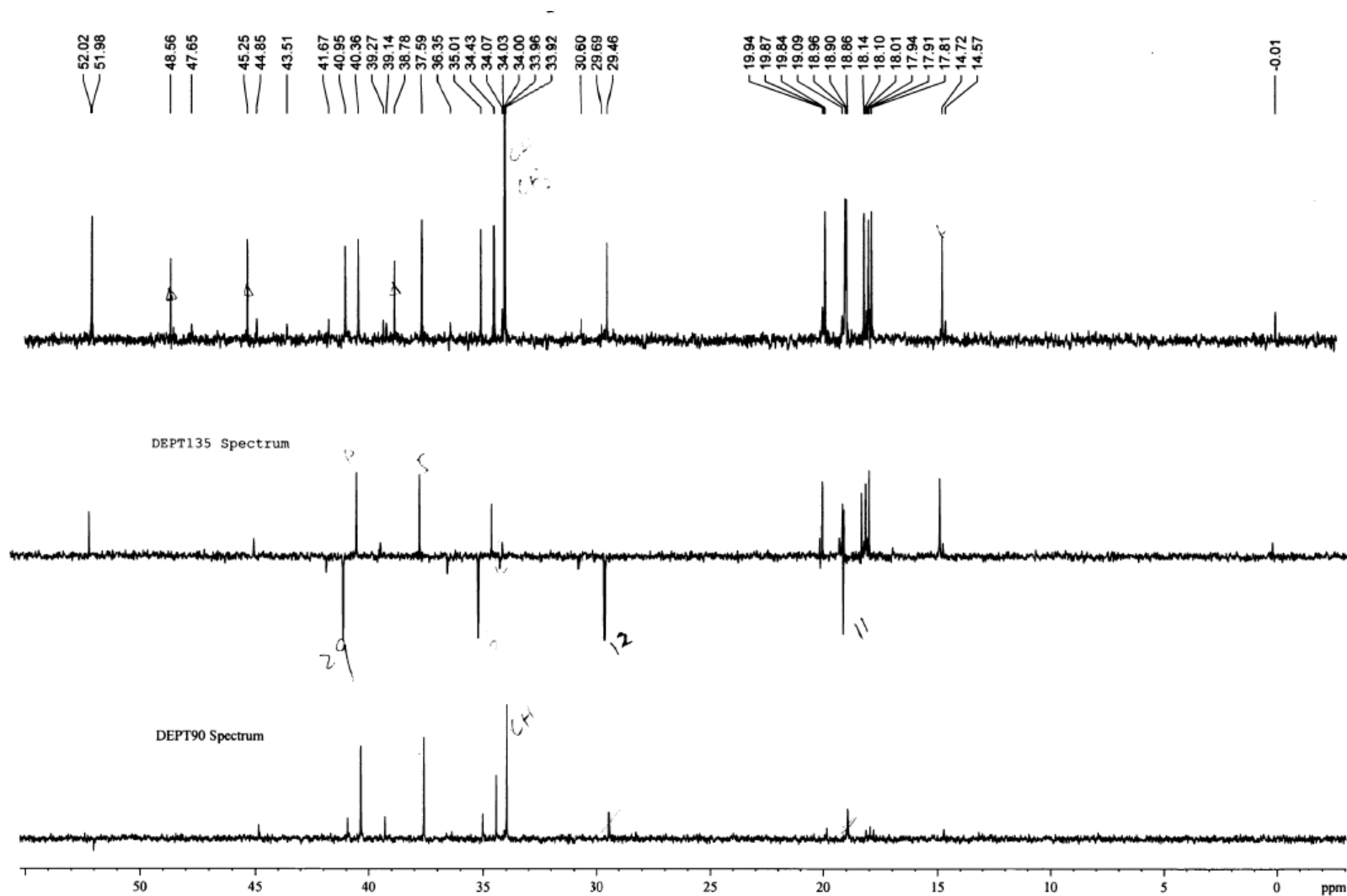
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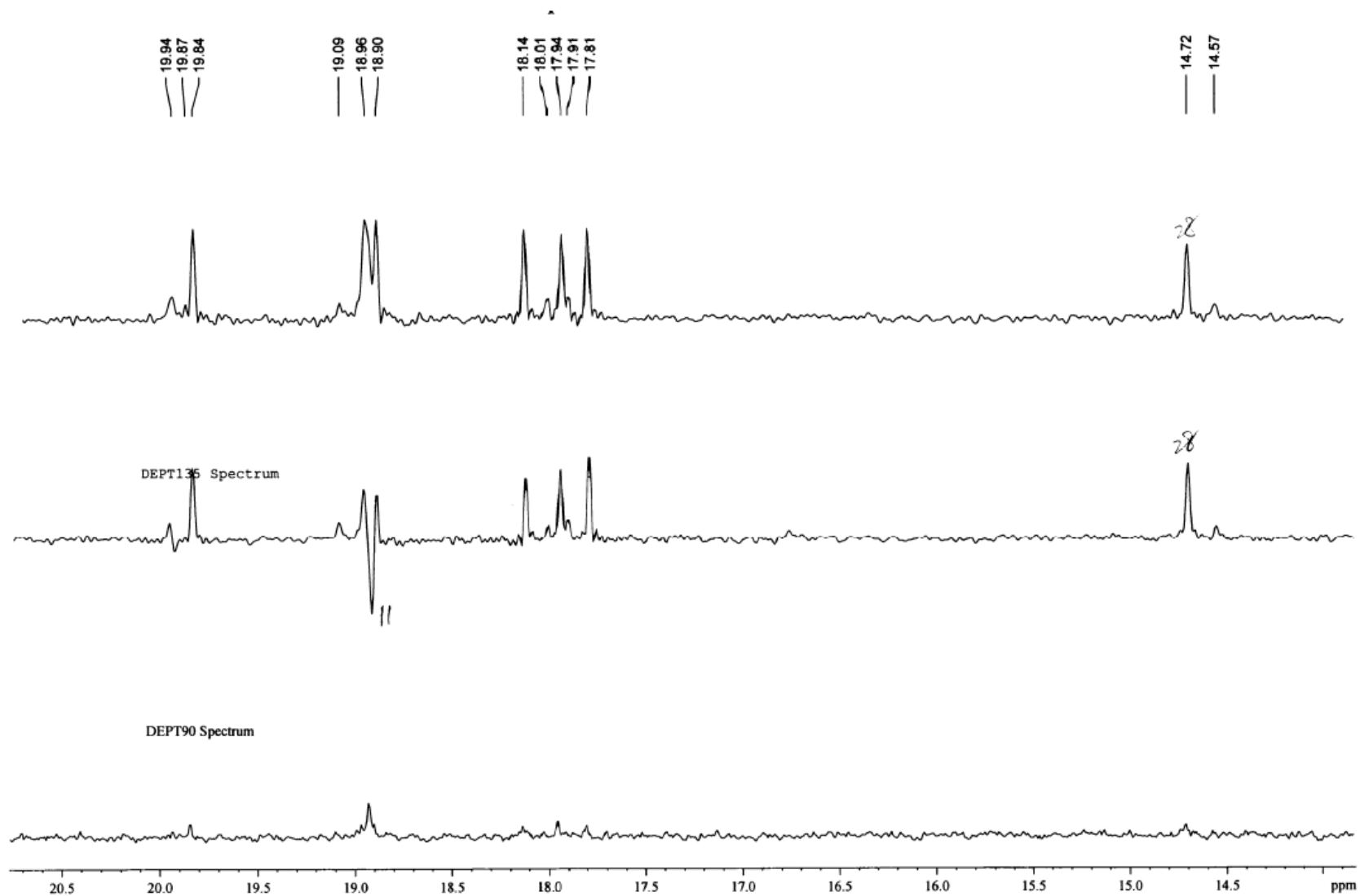
Enlarged segment of ^{13}C NMR (400 MHz) and DEPT spectra of moluccensin F (**6**) in CDCl_3



Enlarged segment of ^{13}C NMR (400 MHz) and DEPT spectra of moluccensin F (**6**) in CDCl_3

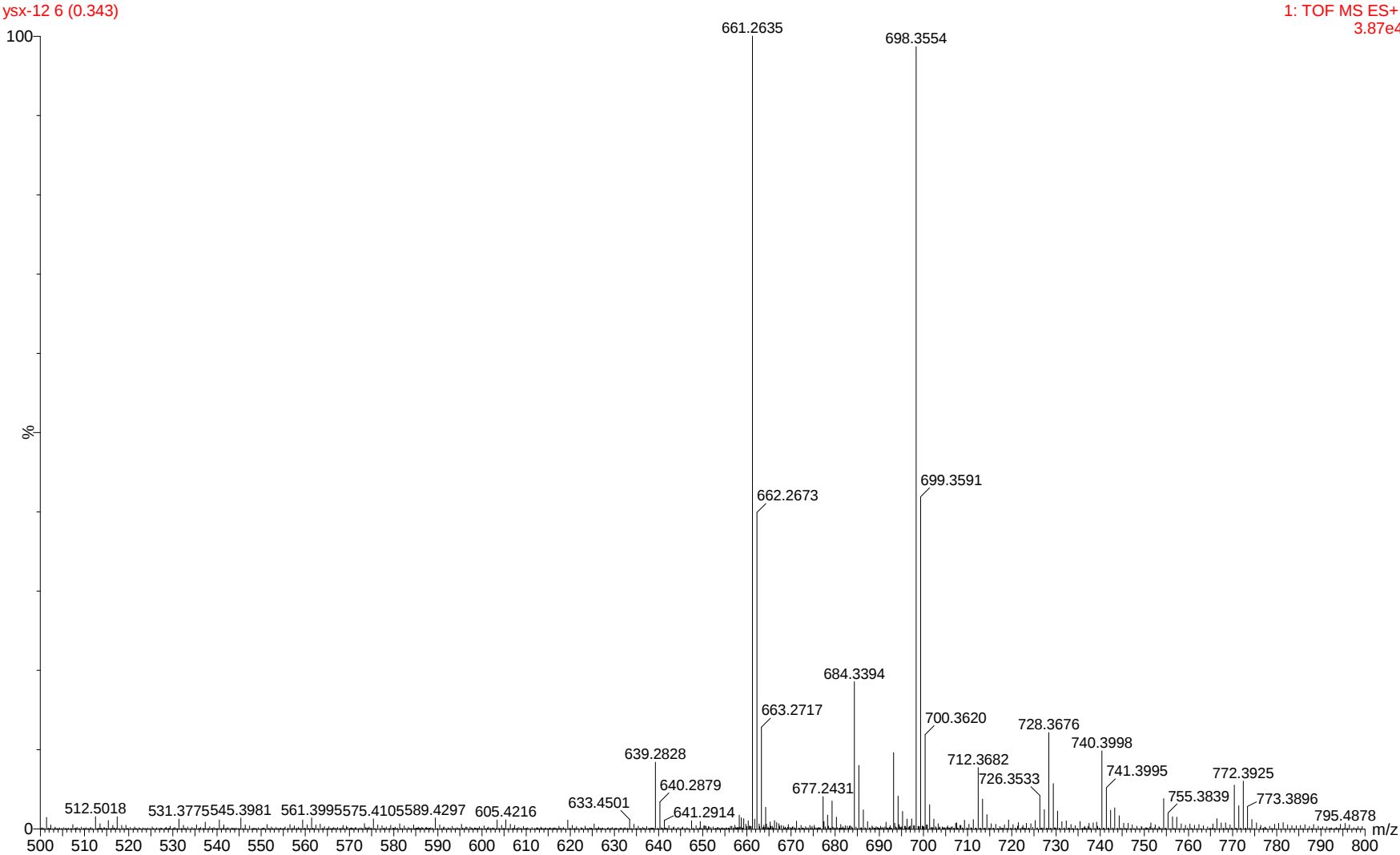


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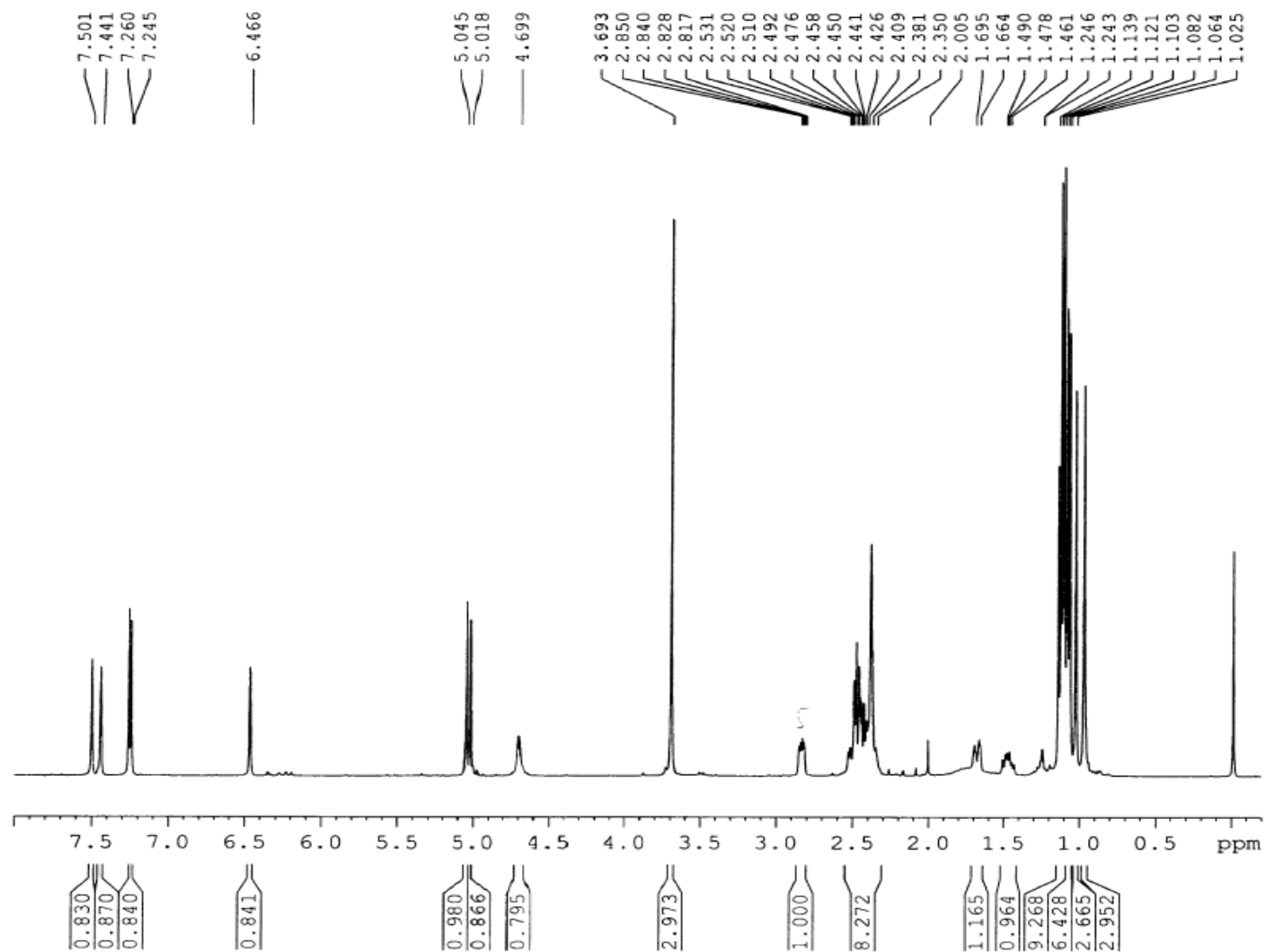


HR-TOFMS of moluccensin G (7)

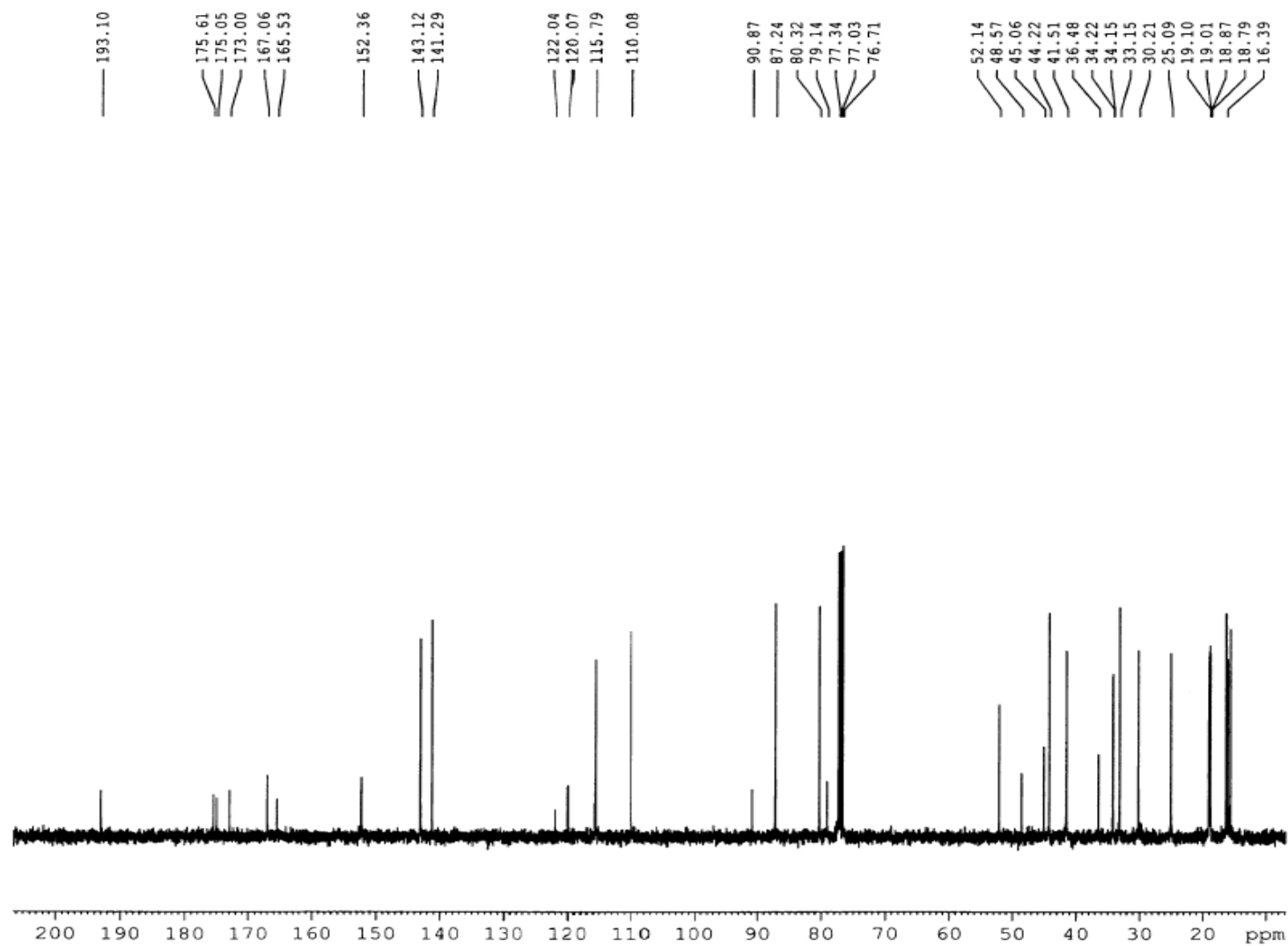
MS+31-May-2009
ysx-12 6 (0.343)



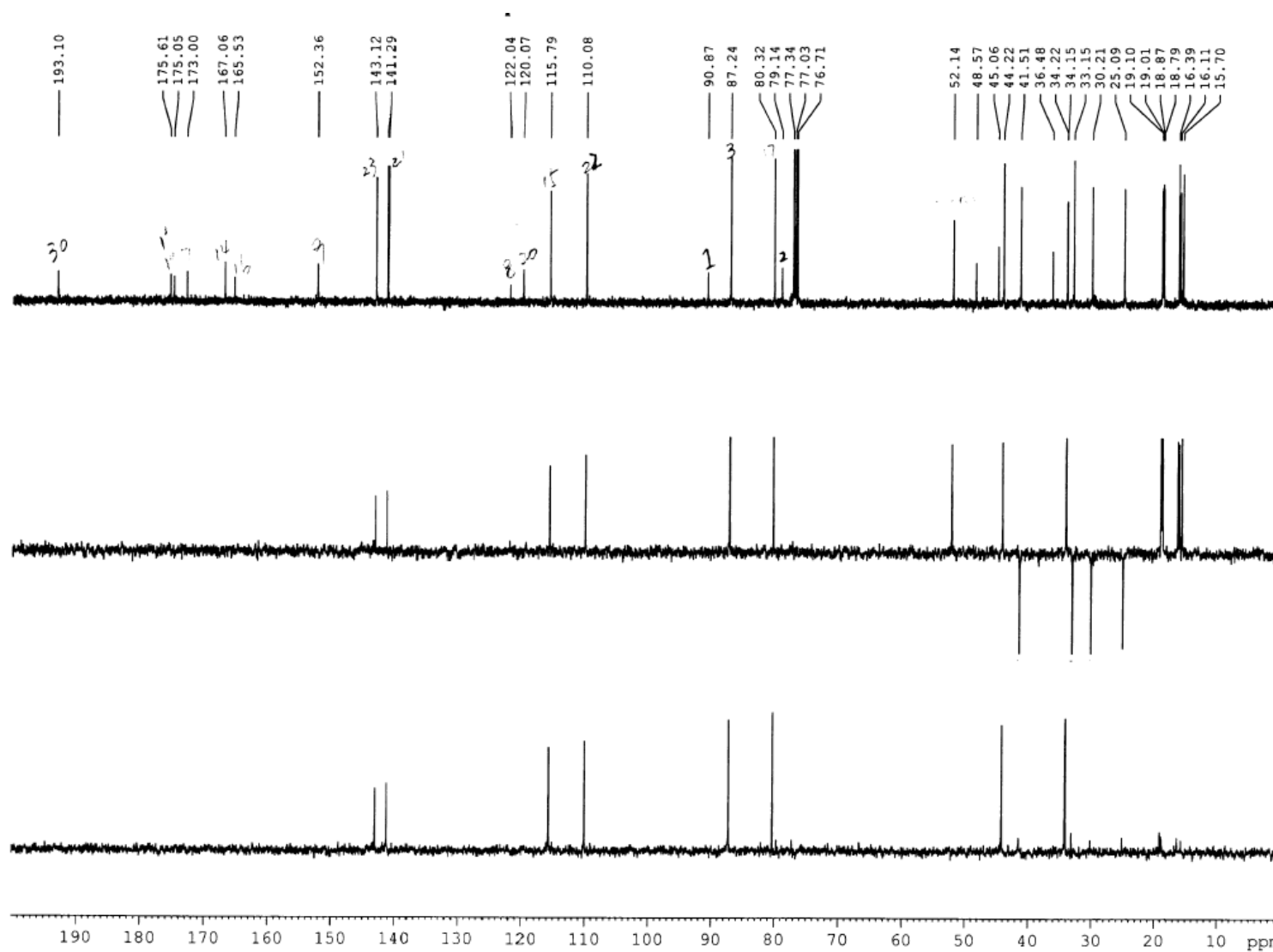
^1H NMR (400 MHz) spectrum of moluccensin G (**7**) in CDCl_3



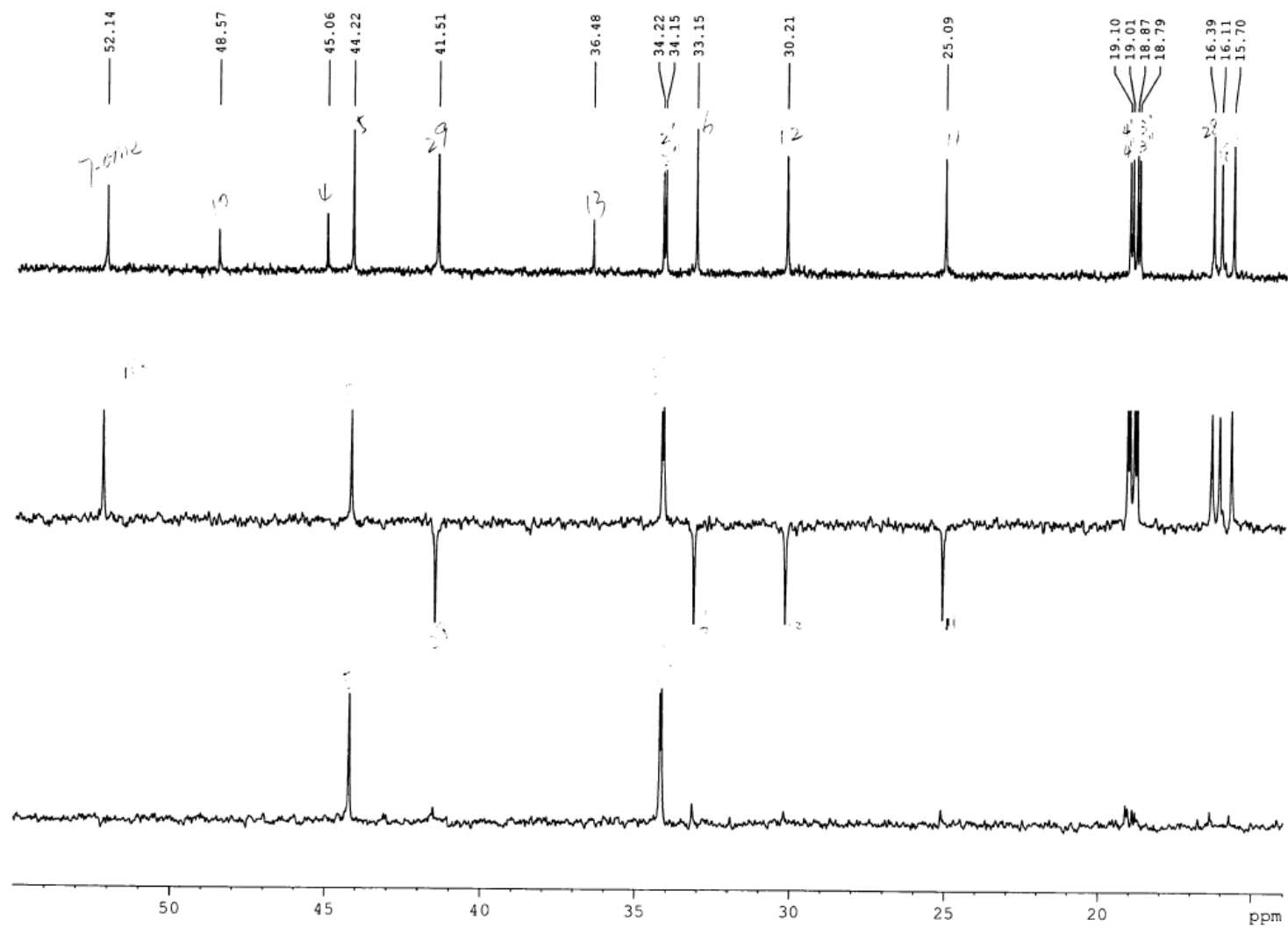
^{13}C NMR (400 MHz) spectrum of moluccensin G (**7**) in CDCl_3



^{13}C NMR (400 MHz) and DEPT spectra of moluccensin G (7) in CDCl_3



Enlarged segment of ^{13}C NMR (400 MHz) and DEPT spectra of moluccensin G (**7**) in CDCl_3



Enlarged segment of ^{13}C NMR (400 MHz) and DEPT spectra of moluccensin G (**7**) in CDCl_3

