

Supporting Information File 2:

- ¹H- and ¹³C NMR spectra for compounds 1-6, 8, 11, 12, 16-19, 21-32

- ¹H NMR spectra for known compounds 14, 15

for

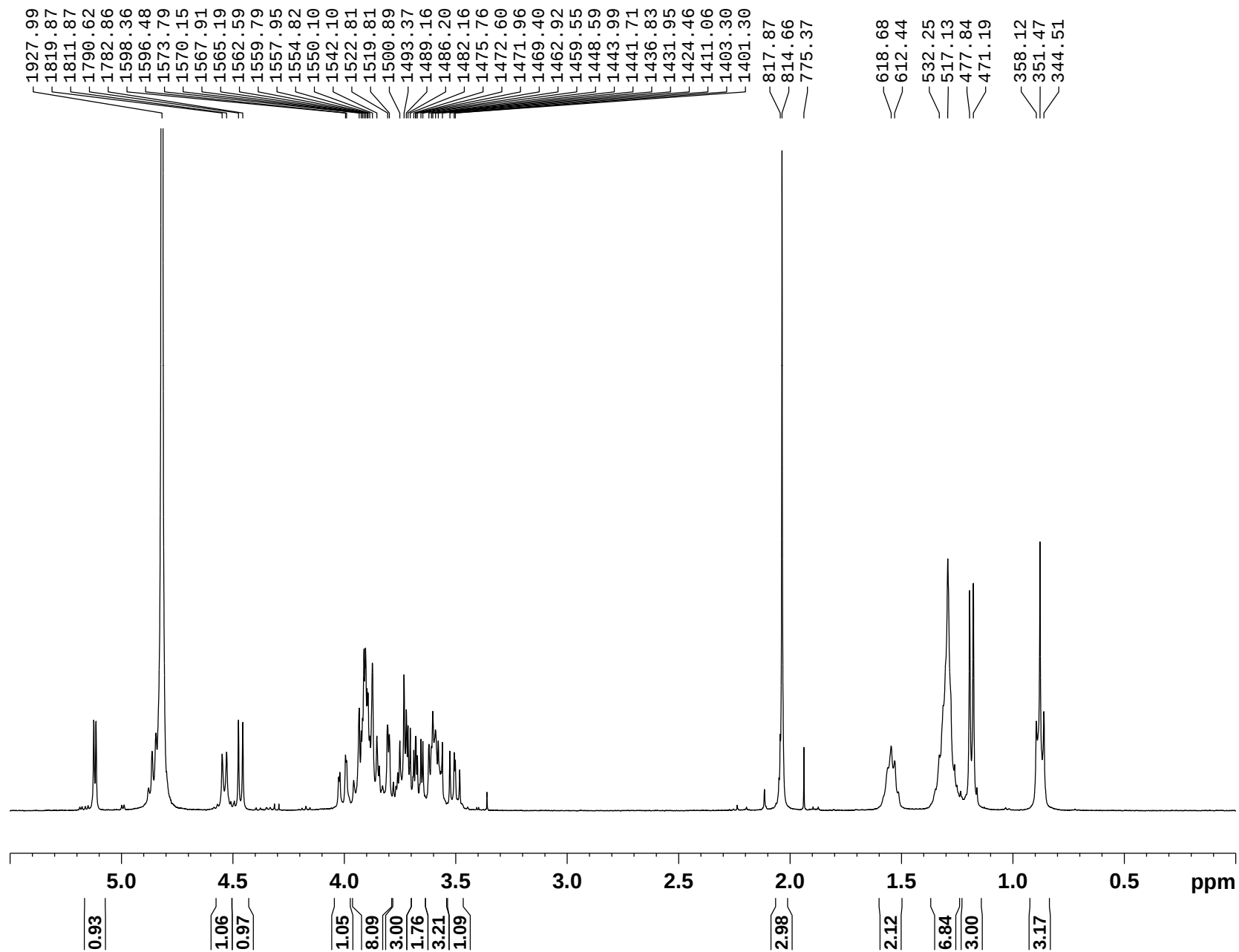
Convergent Syntheses of Le^X Analogues

*An Wang, Jenifer Hendel and France-Isabelle Auzanneau**

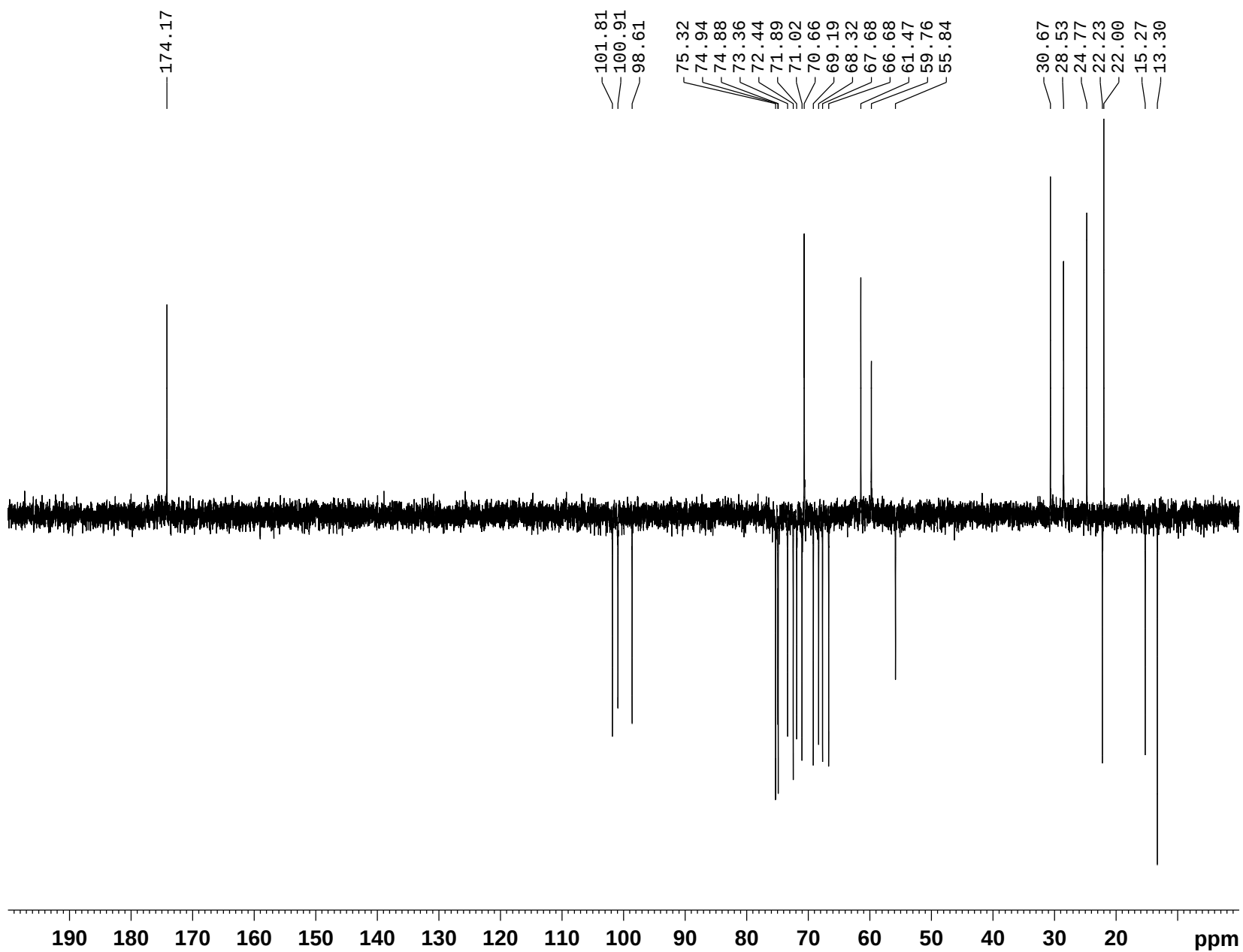
Department of Chemistry, University of Guelph, Guelph, Ontario, N1G
2W1, Canada.

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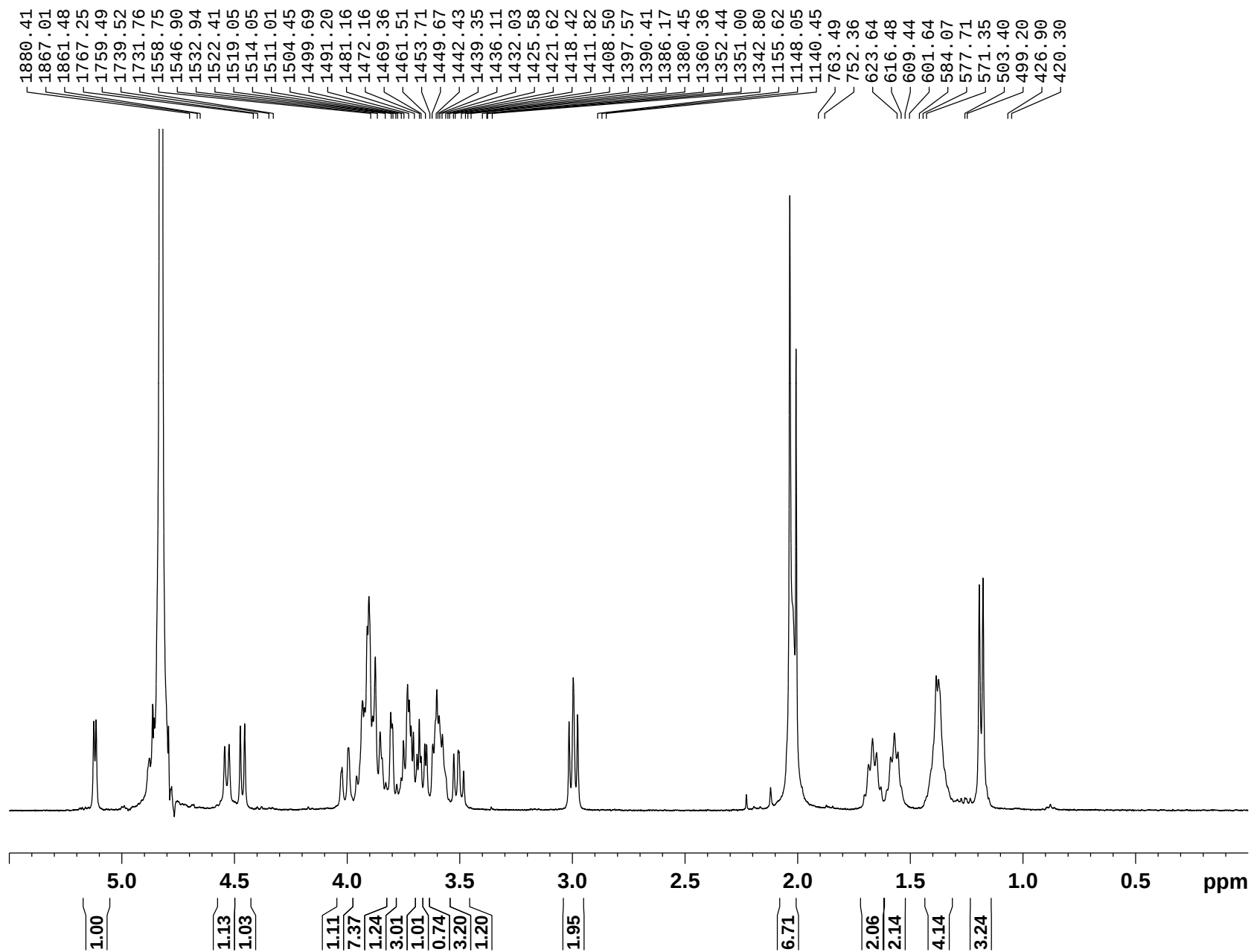
Compound **1**, 400 MHz, D₂O



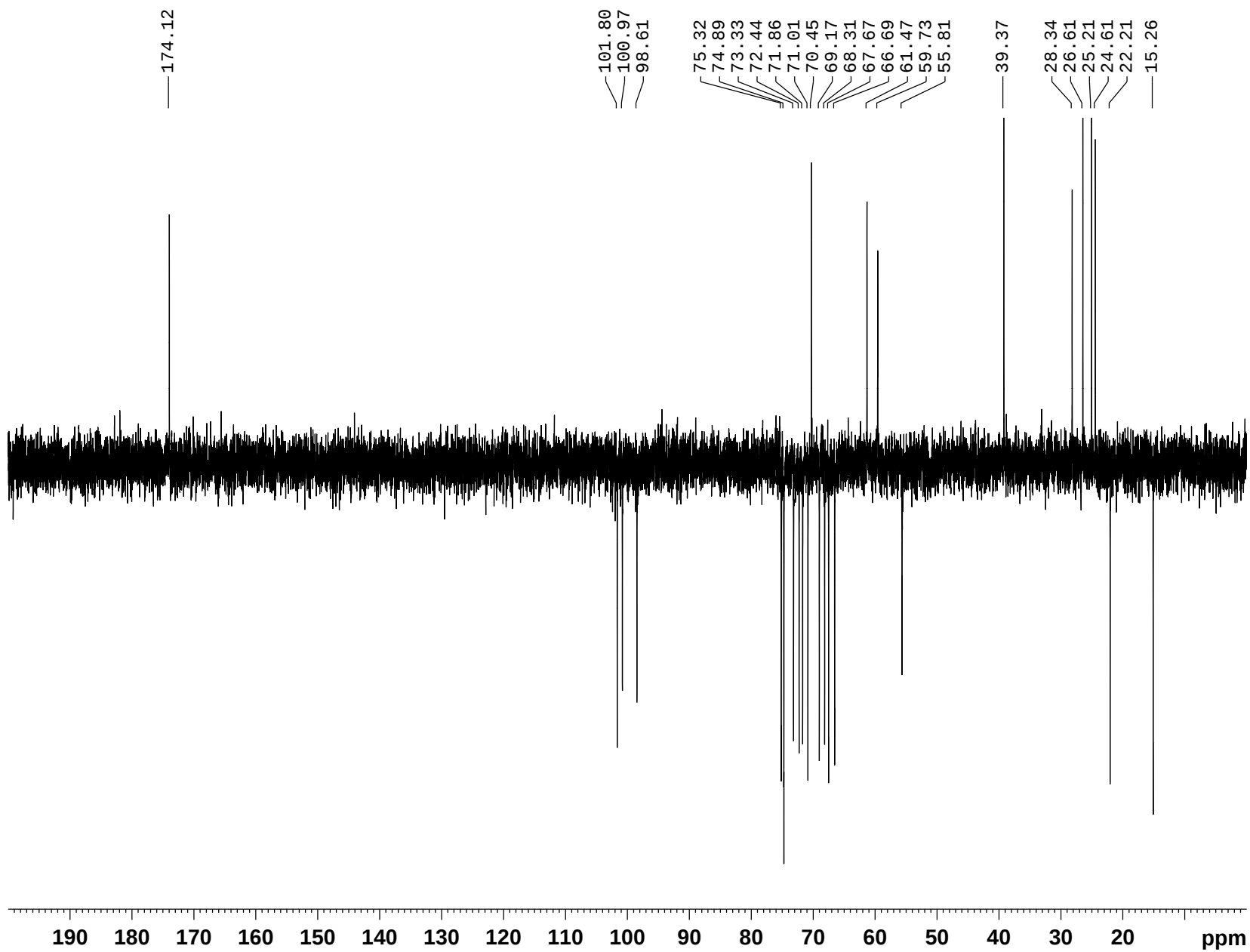
Compound **1**, 100 MHz, D₂O



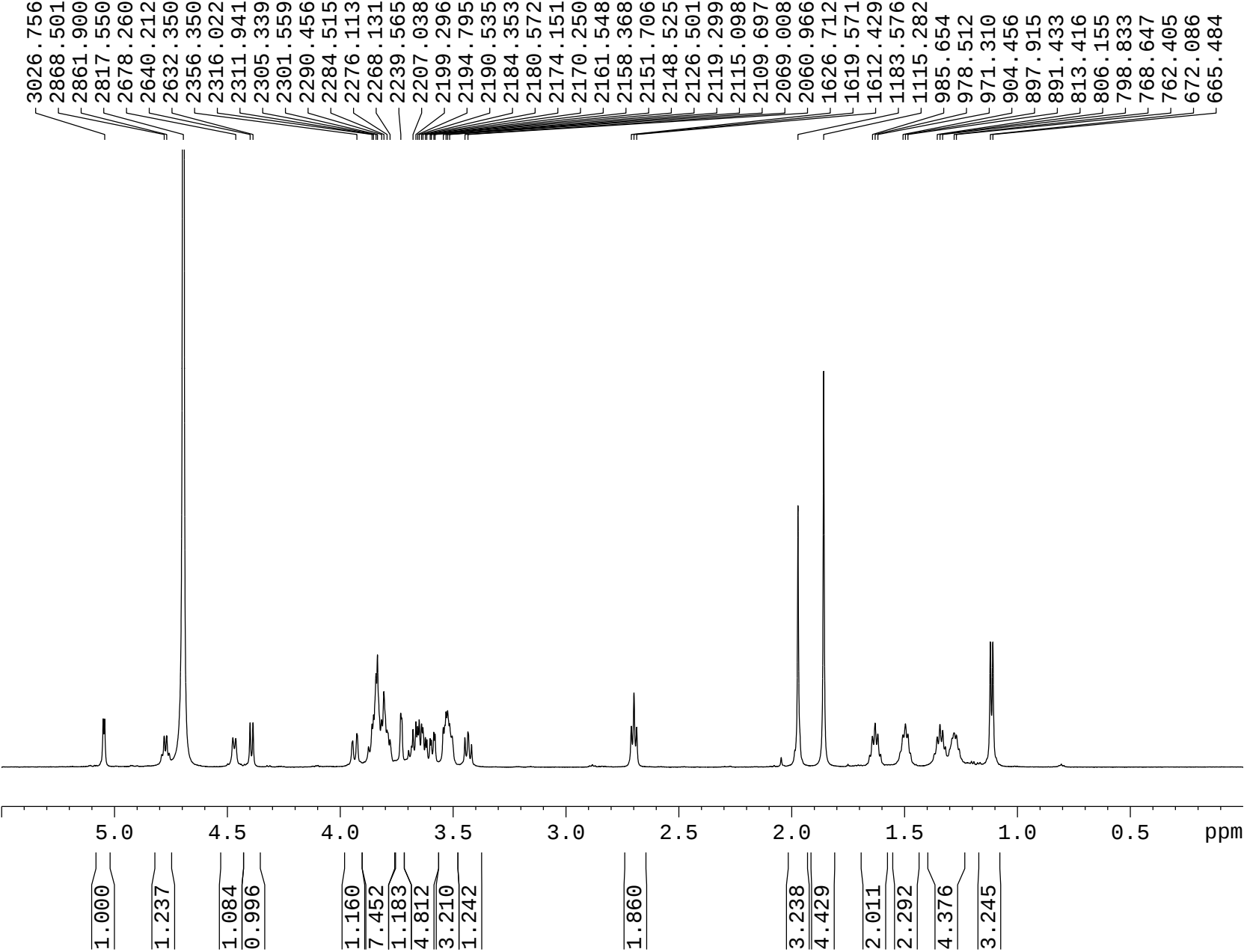
Compound **2**, 400 MHz, D₂O



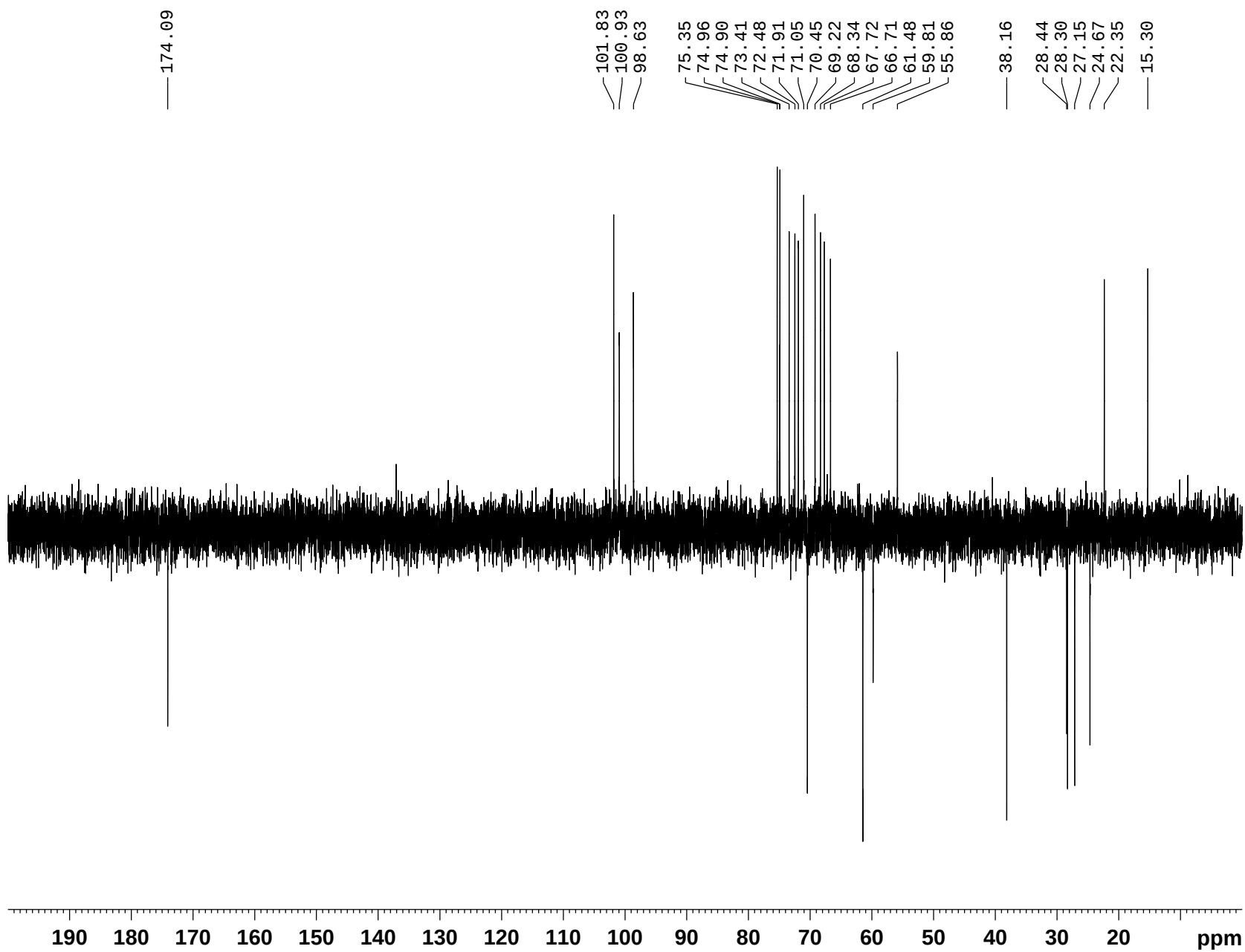
Compound **2**, 100 MHz, D₂O



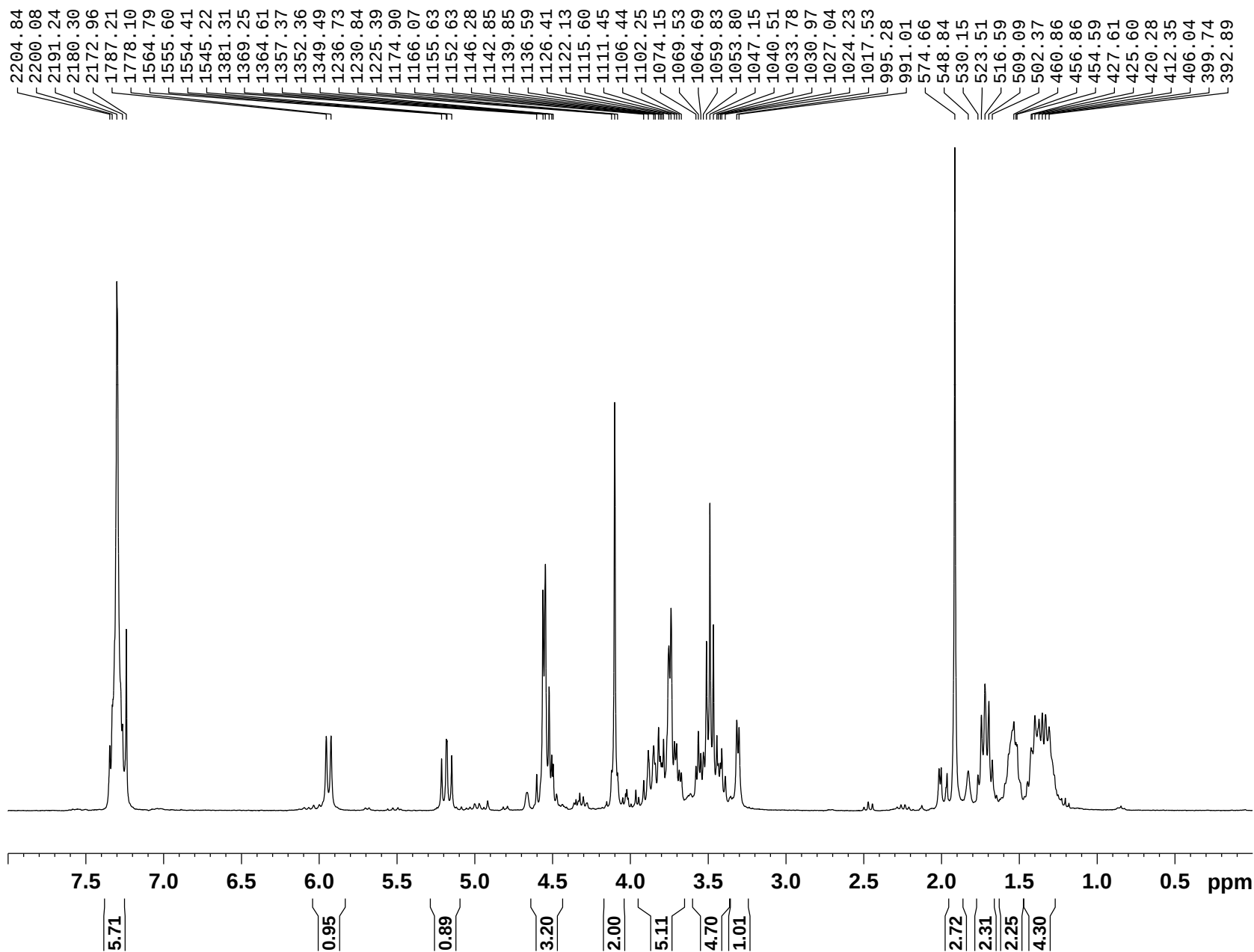
Compound **3**, 600 MHz, D₂O



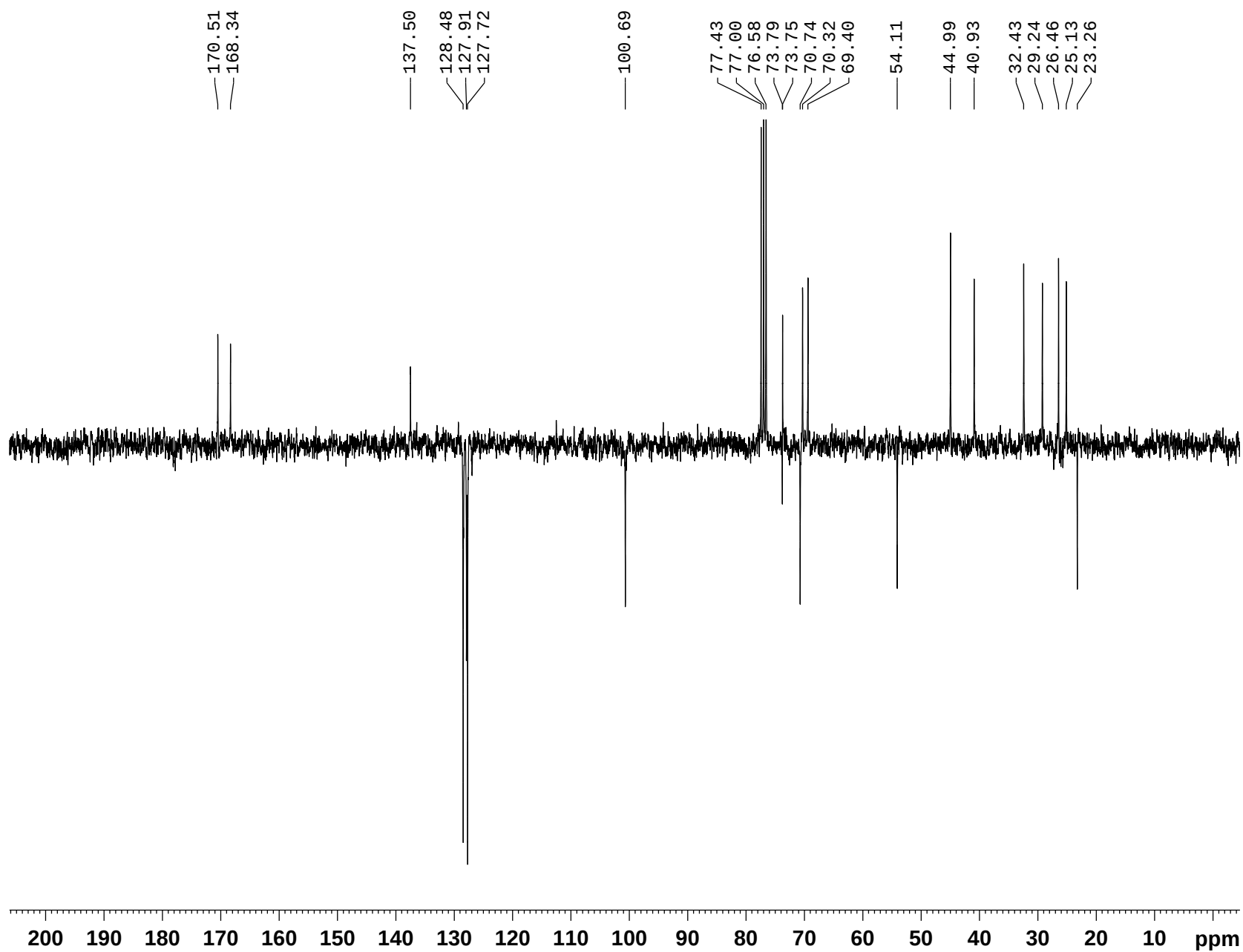
Compound **3**, 150 MHz, D₂O



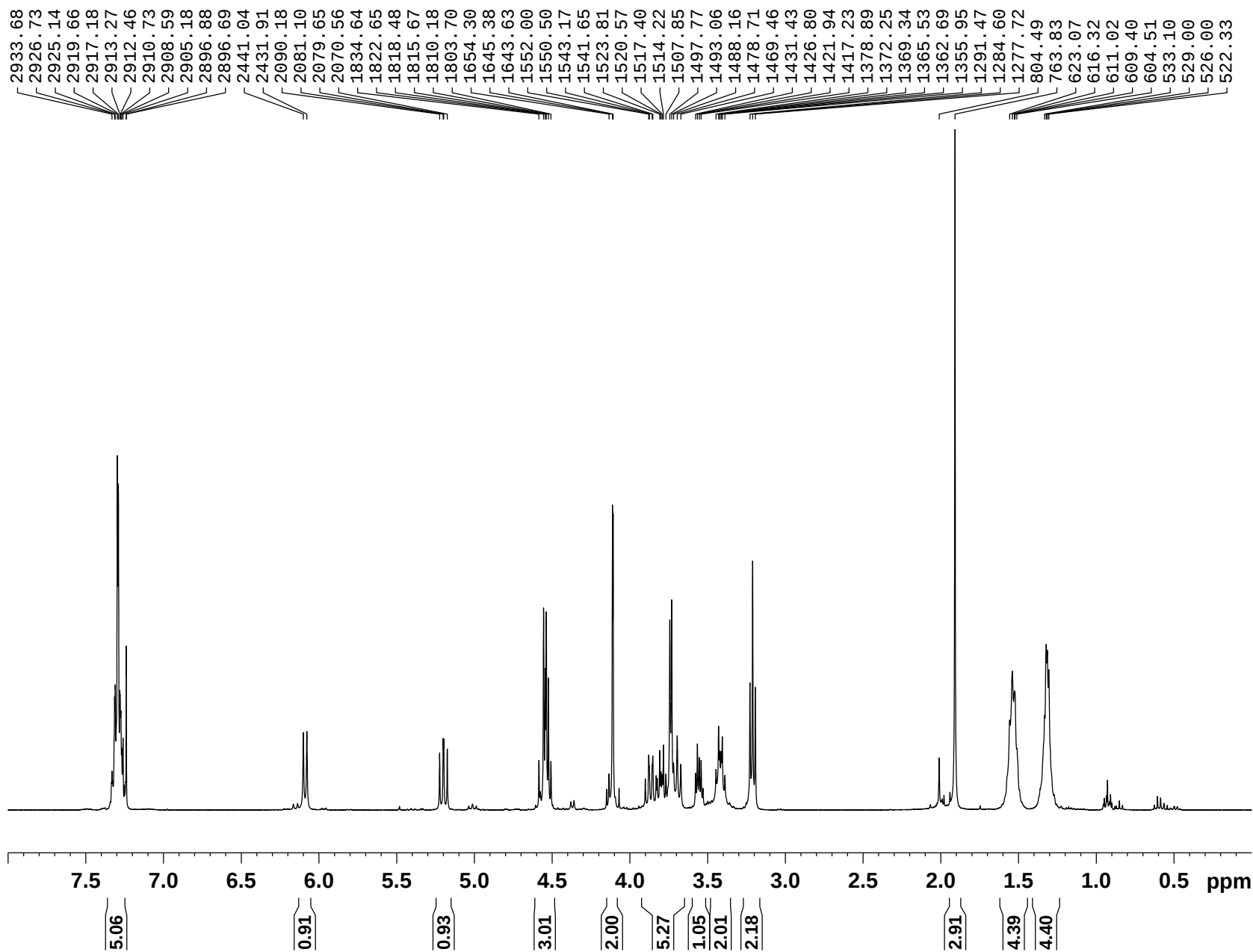
Compound **4**, 300 MHz, CDCl₃



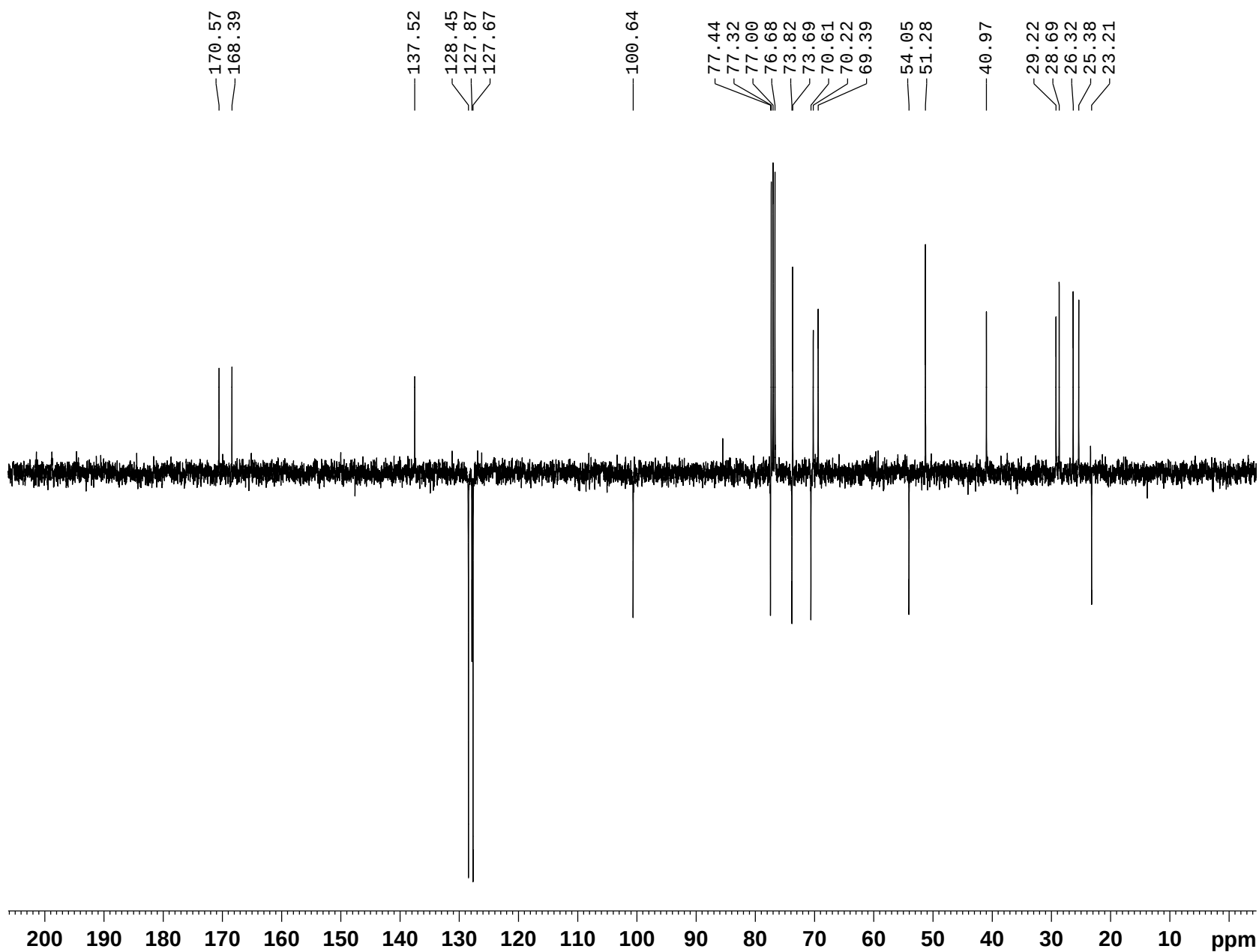
Compound **4**, 75 MHz, CDCl₃



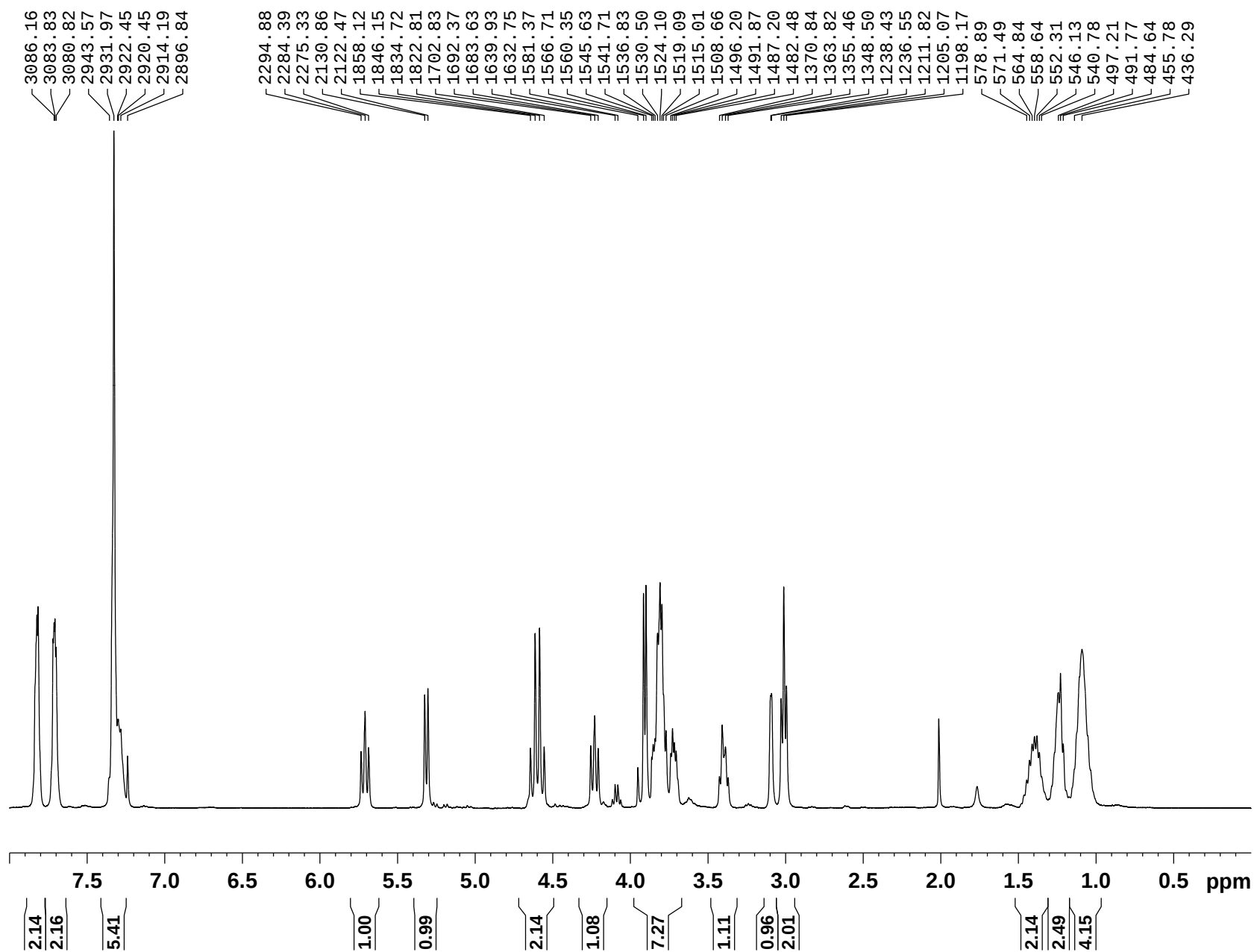
Compound **5**, 400 MHz, CDCl₃



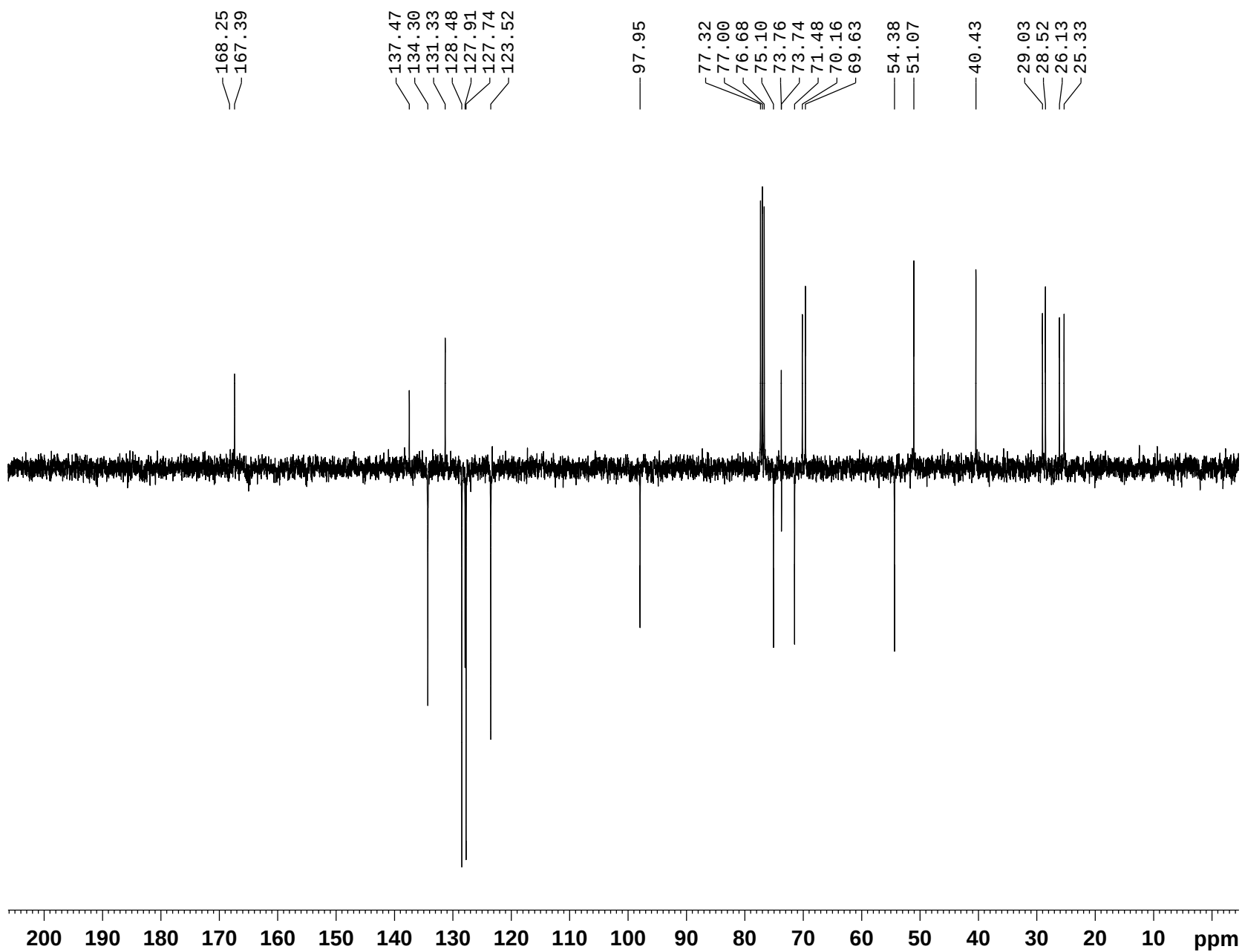
Compound **5**, 100 MHz, CDCl₃



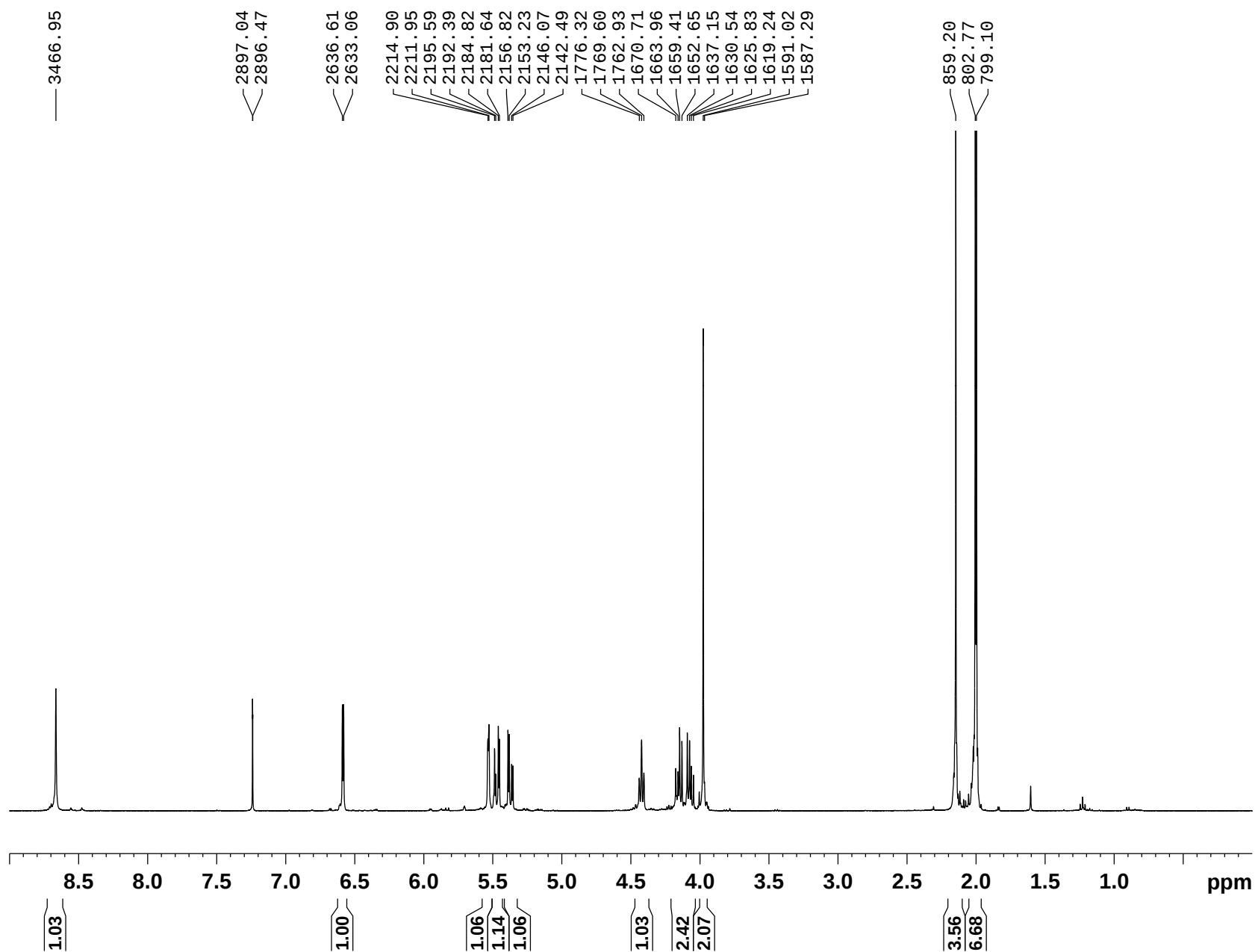
Compound **6**, 400 MHz, CDCl₃



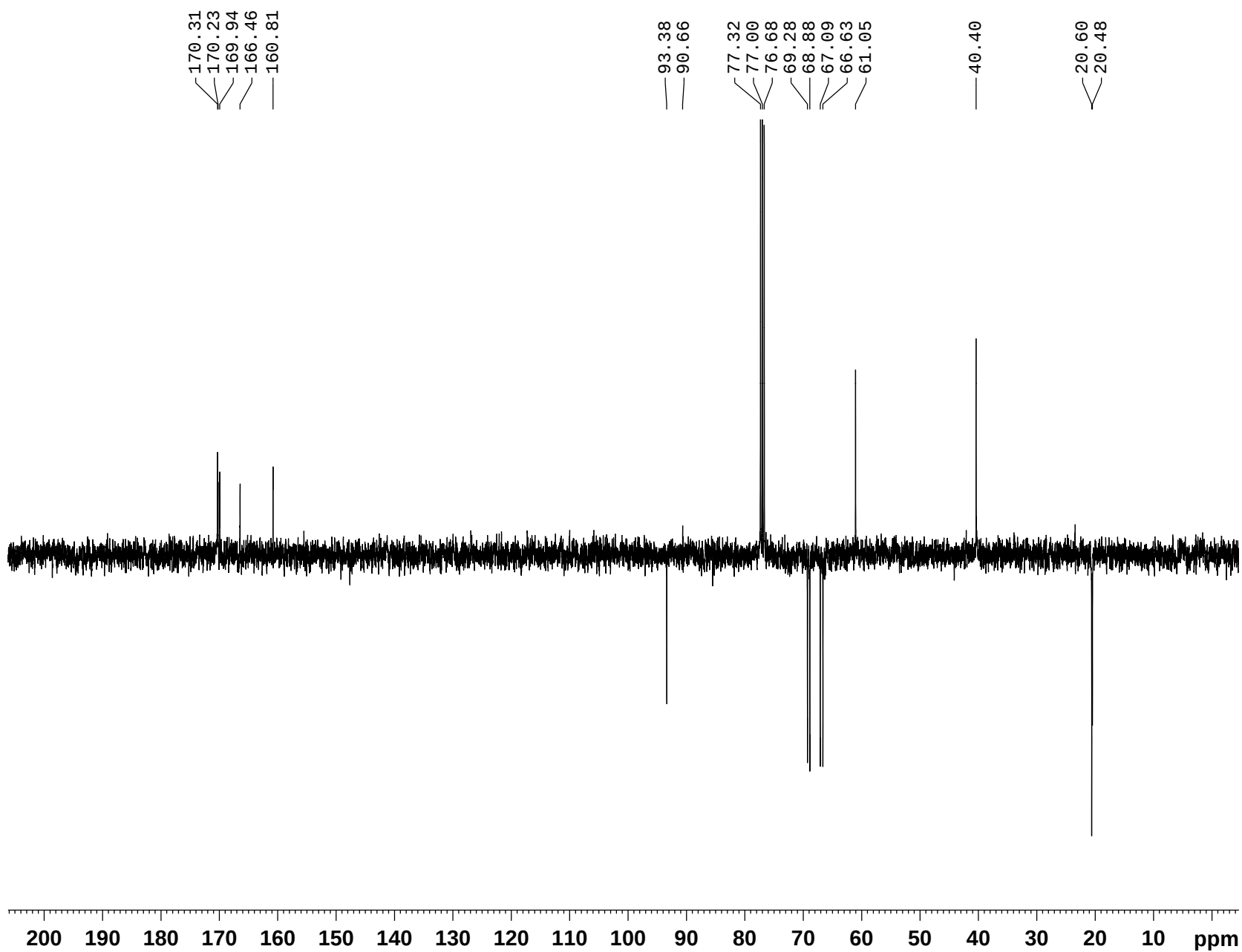
Compound **6**, 100 MHz, CDCl₃



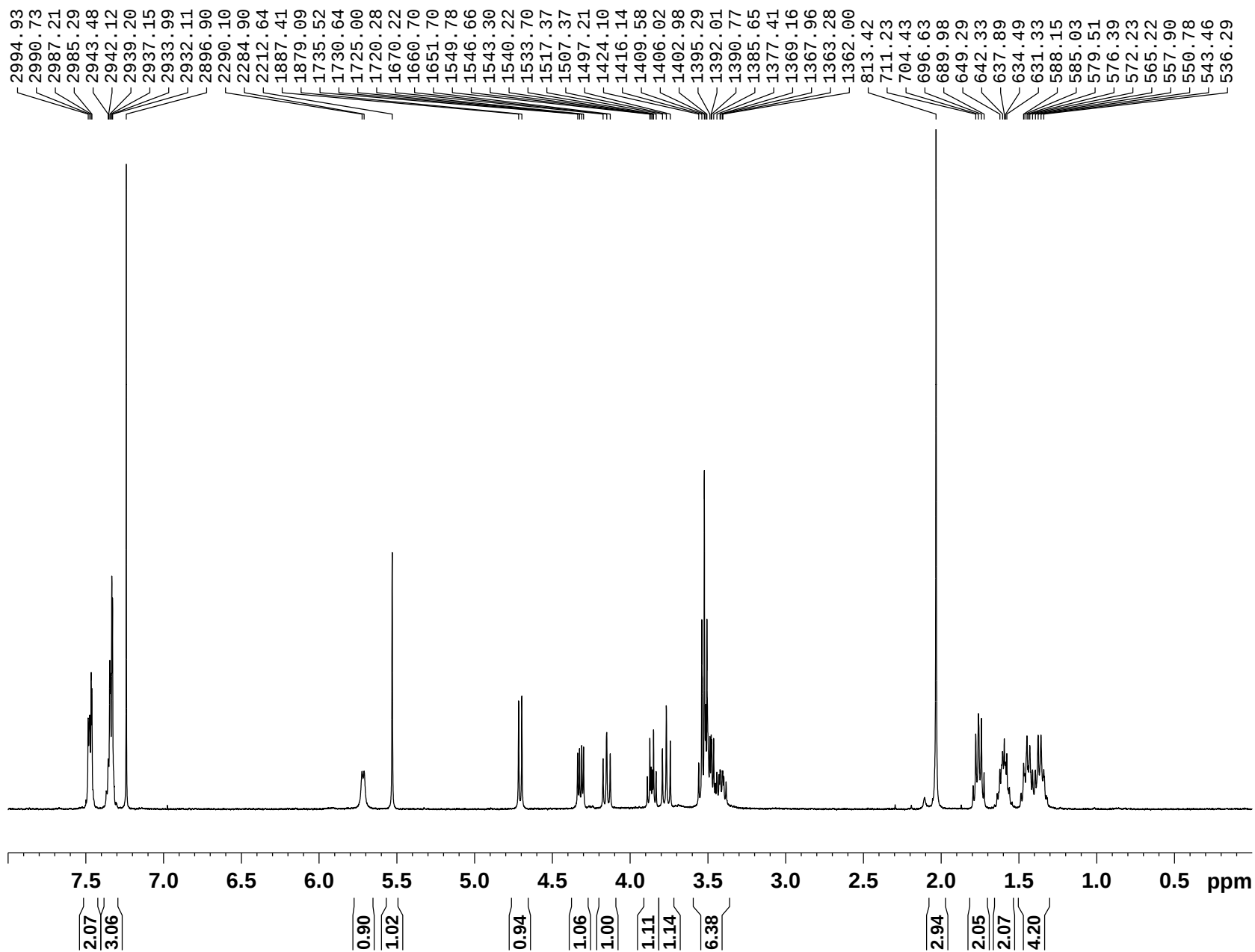
Compound **8**, 400 MHz, CDCl₃



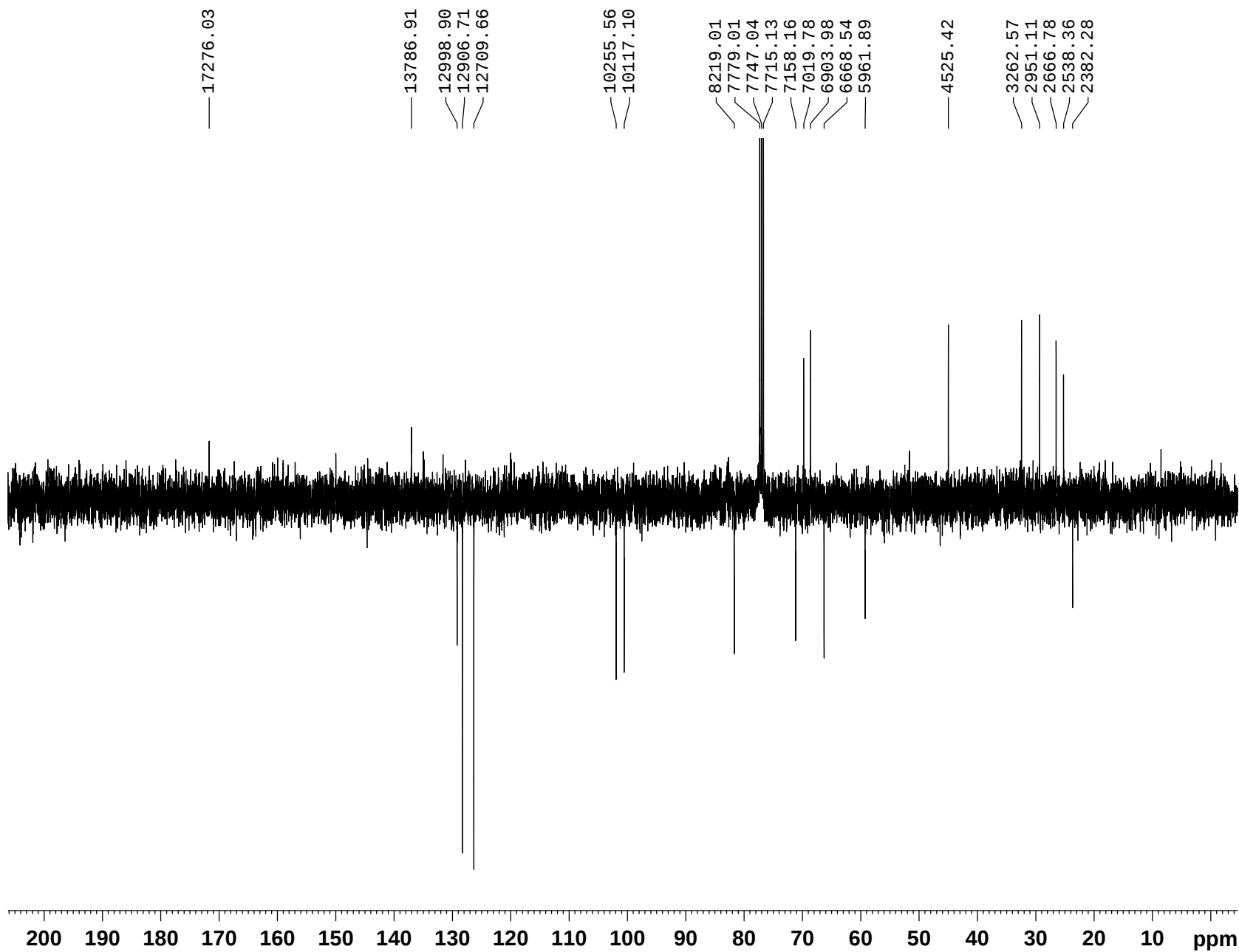
Compound **8**, 100 MHz, CDCl₃



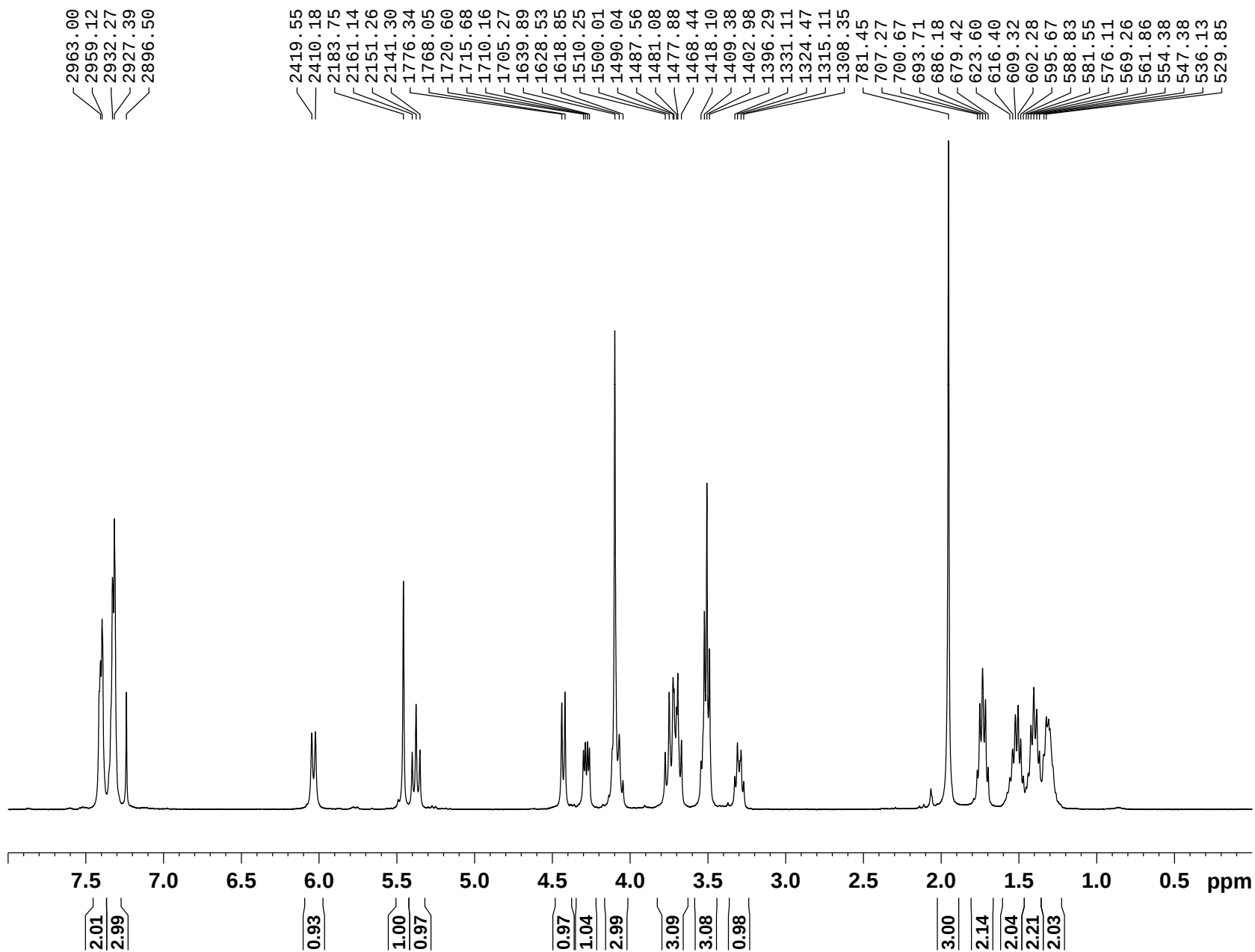
Compound **11**, 400 MHz, CDCl₃



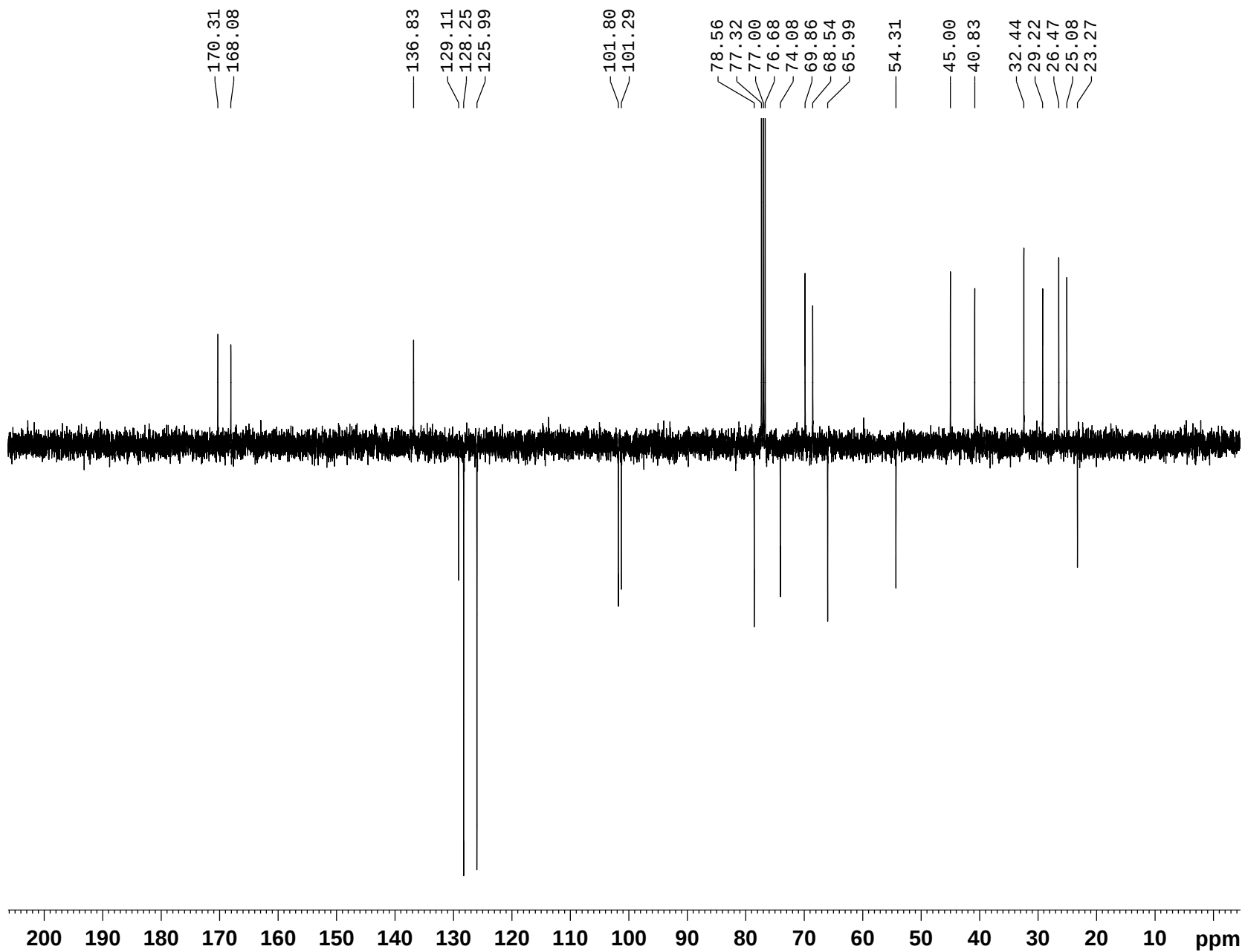
Compound **11**, 100 MHz, CDCl₃



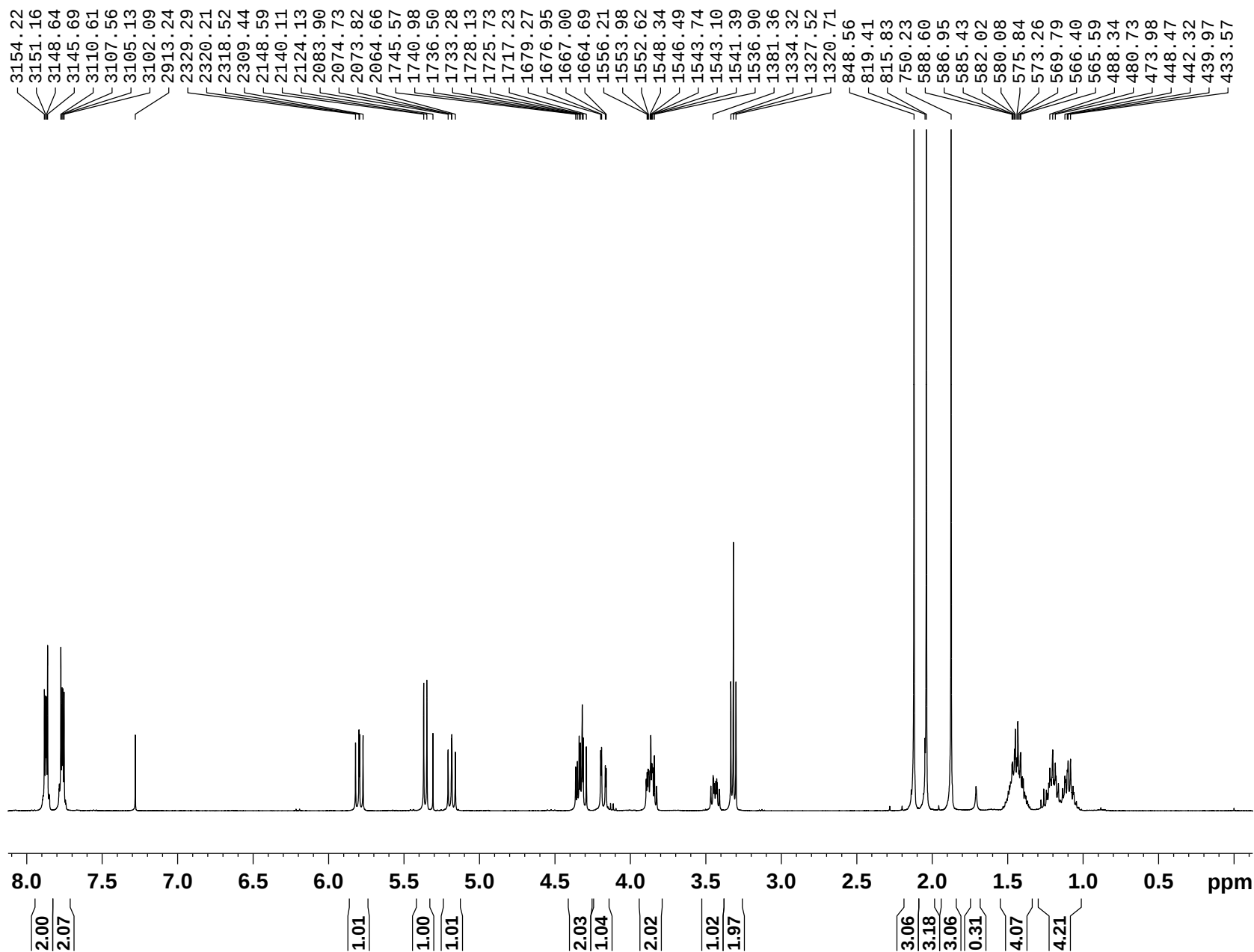
Compound **12**, 400 MHz, CDCl₃



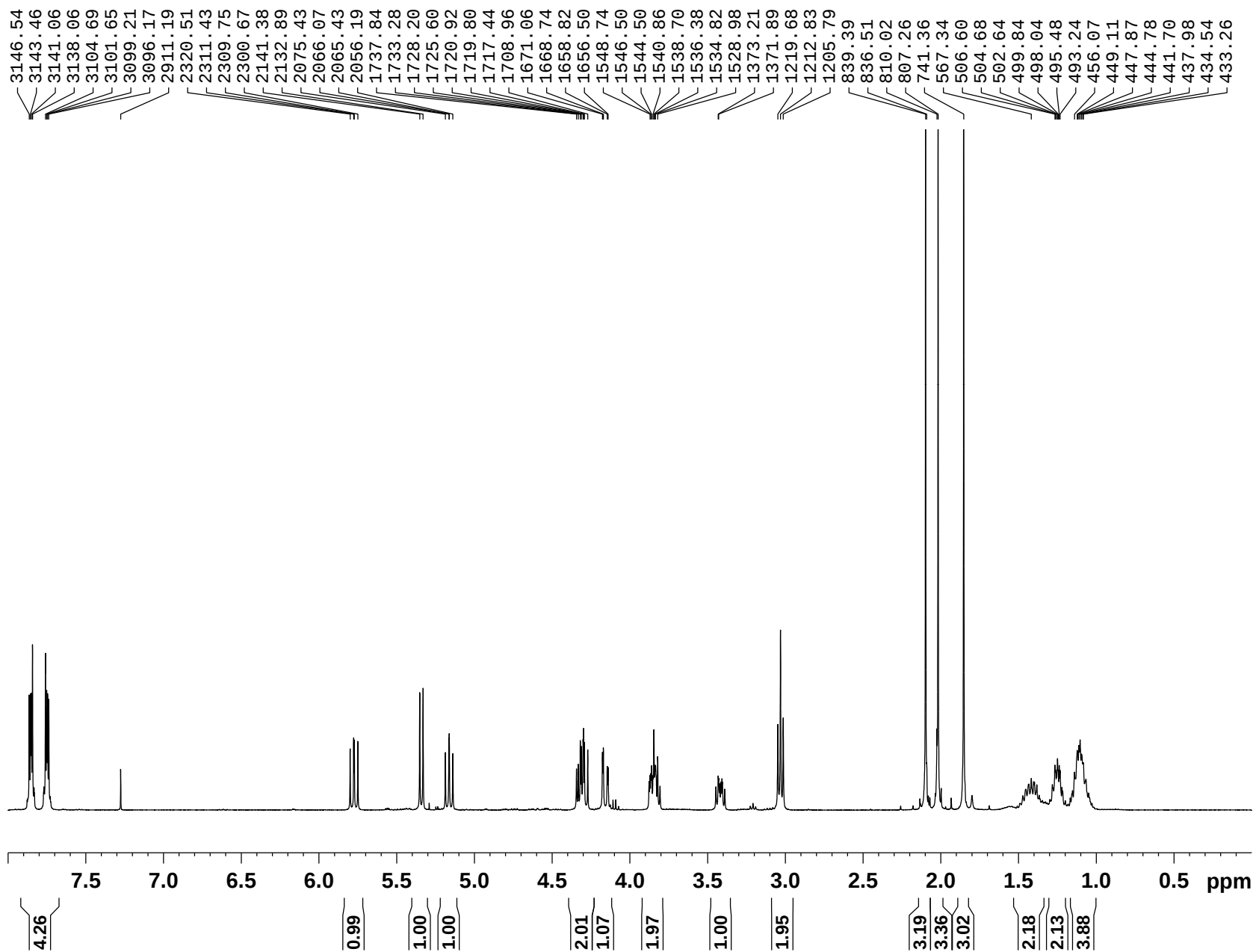
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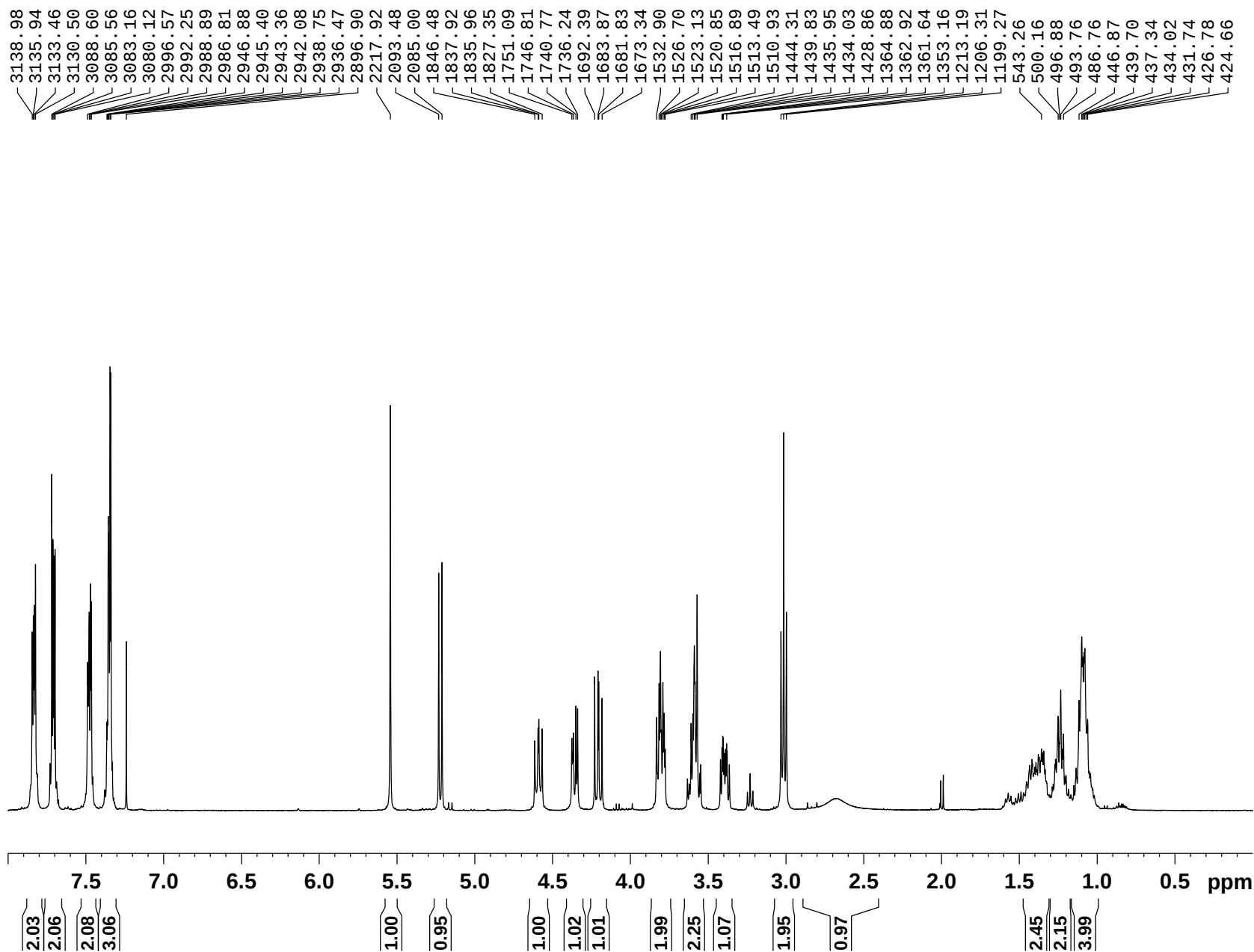
Compound **14**, 300 MHz, CDCl₃



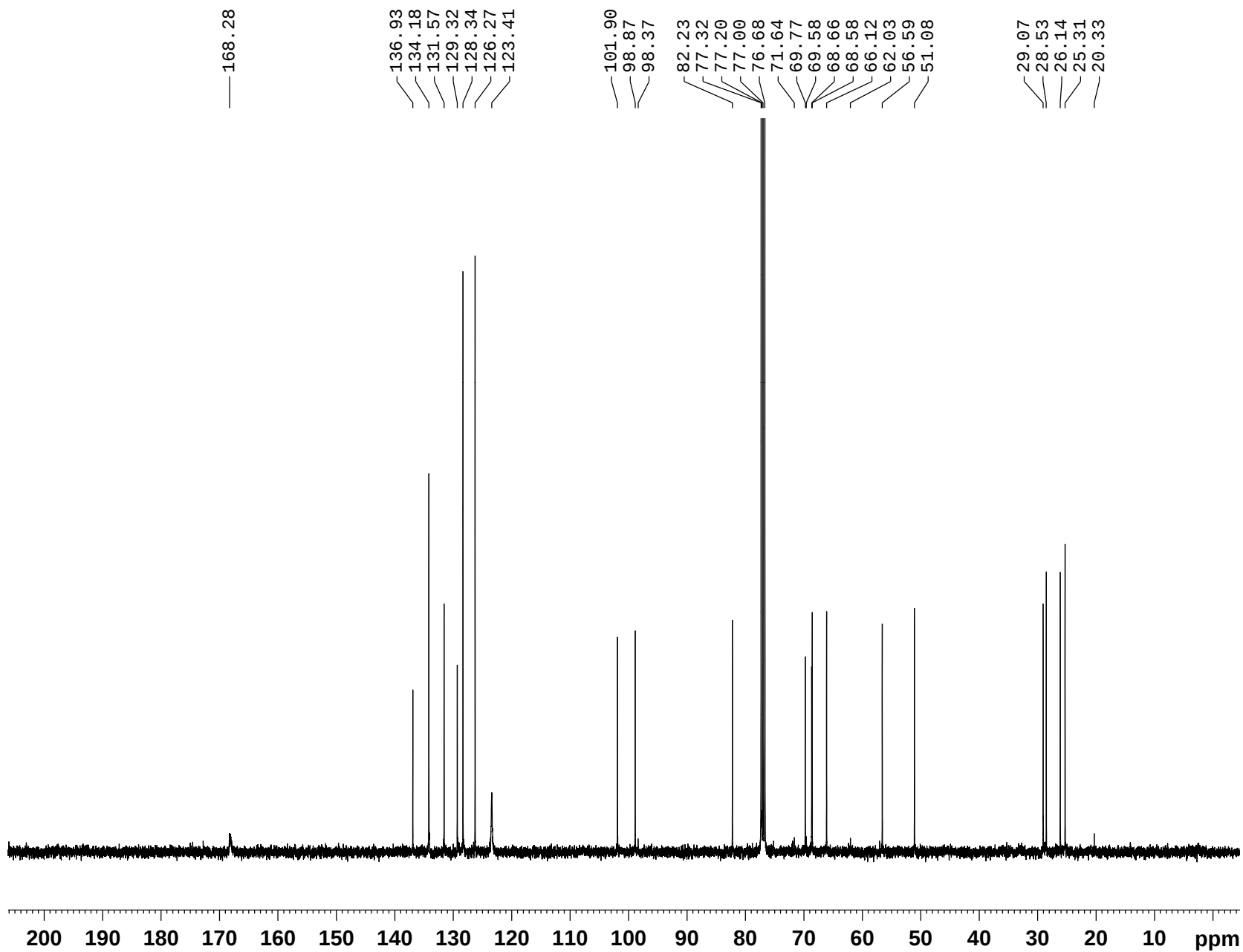
Compound **15**, 400 MHz, CDCl₃



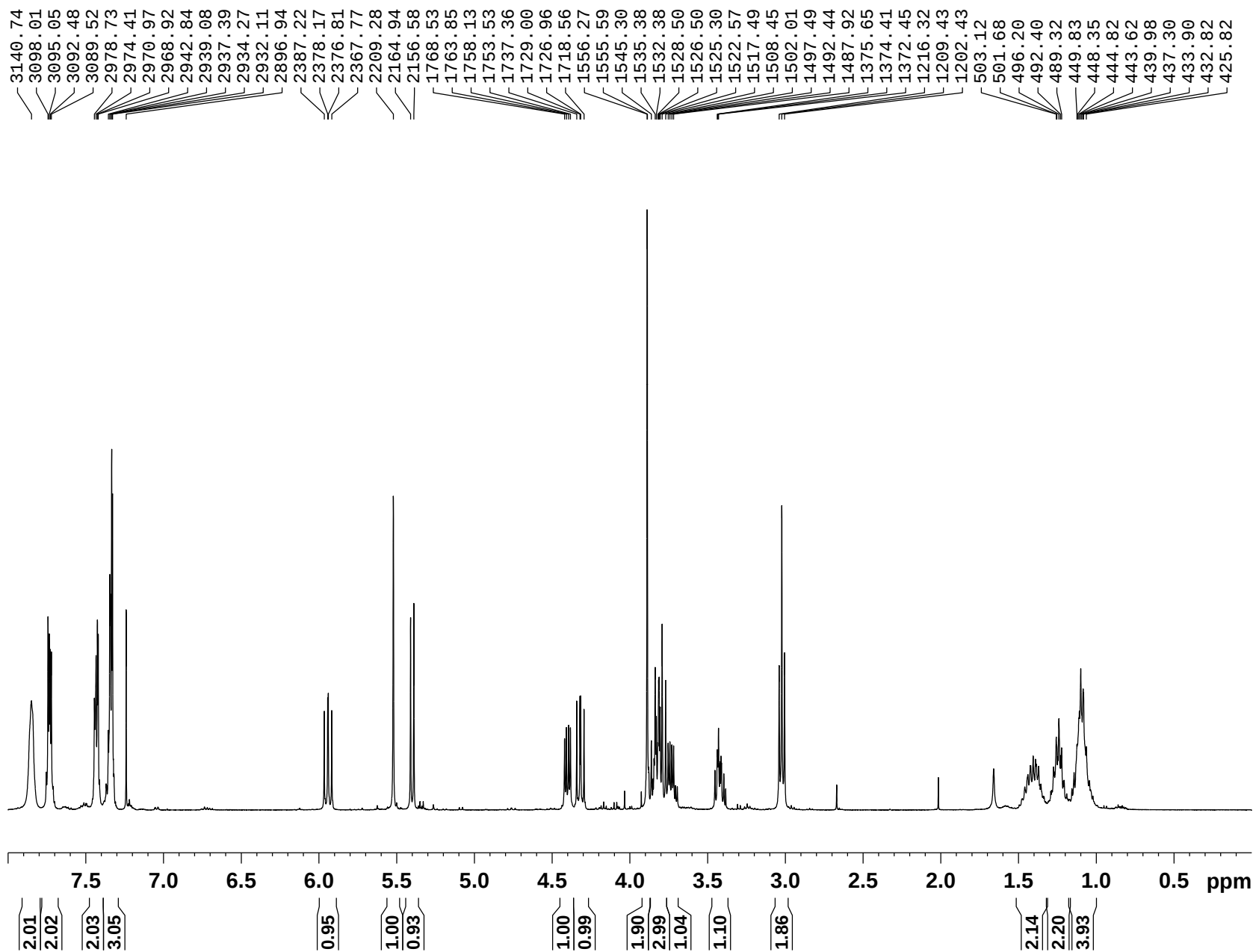
Compound **16**, 400 MHz, CDCl₃



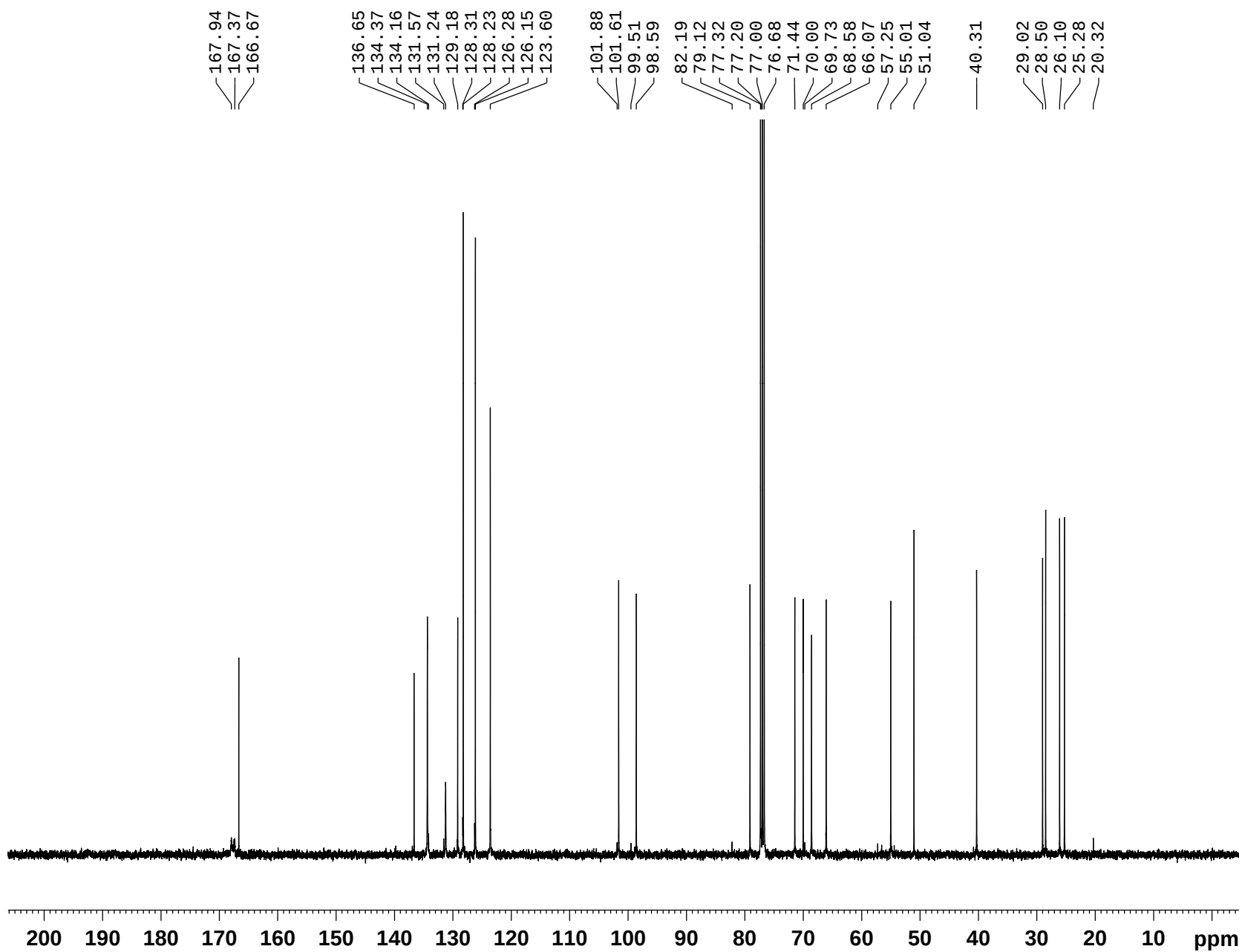
Compound **16**, 100 MHz, CDCl₃



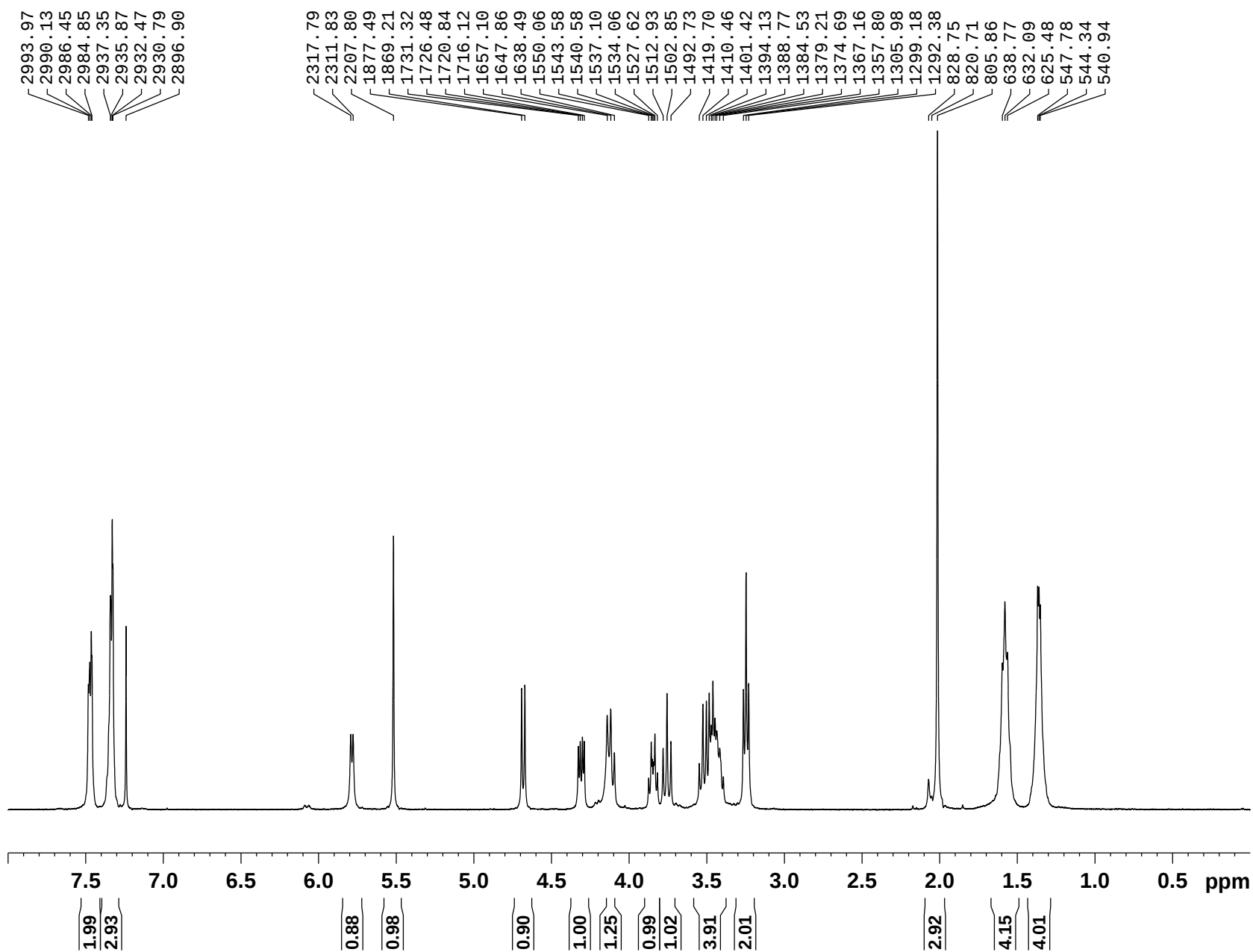
Compound **17**, 400 MHz, CDCl₃



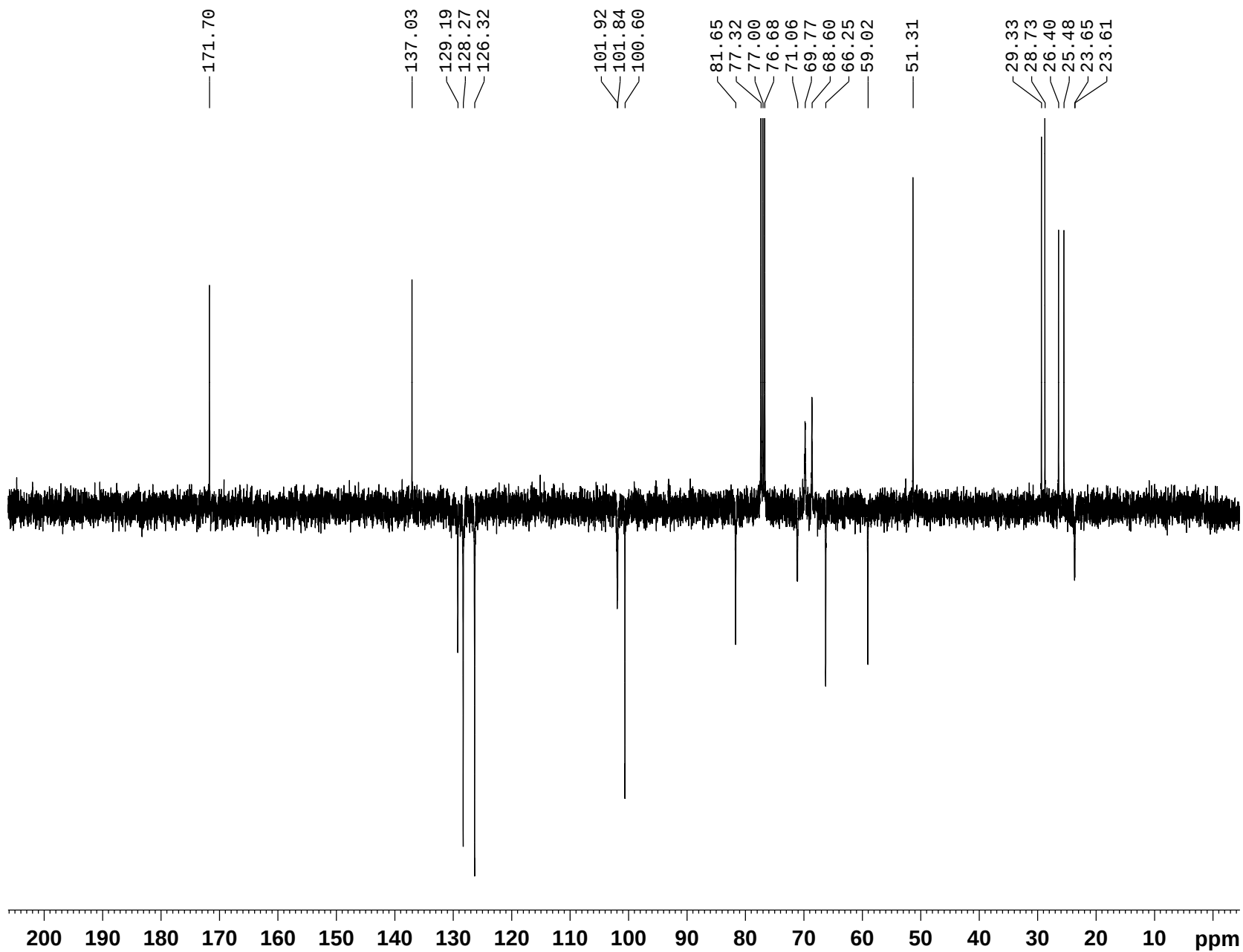
Compound **17**, 100 MHz, CDCl₃



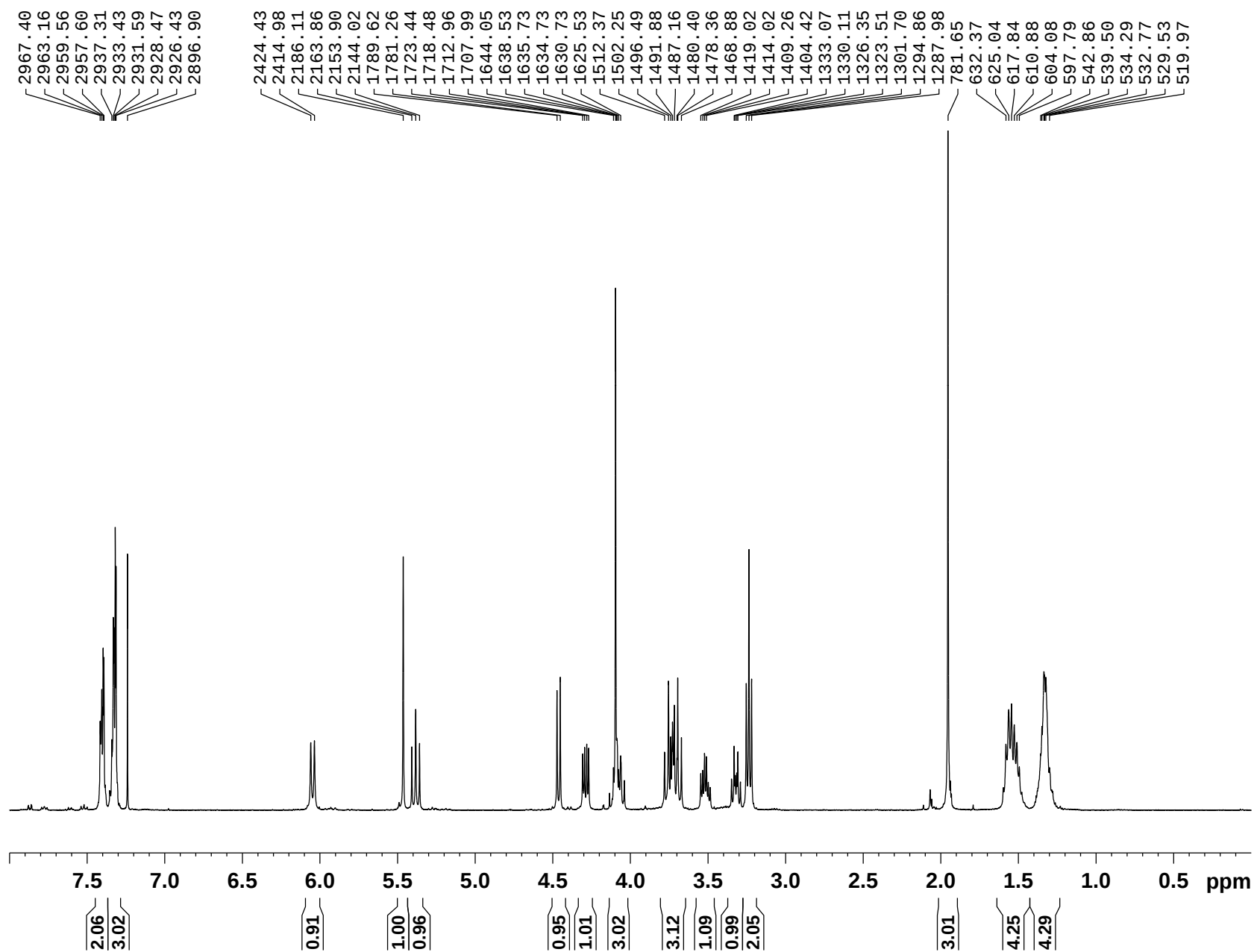
Compound **18**, 400 MHz, CDCl₃



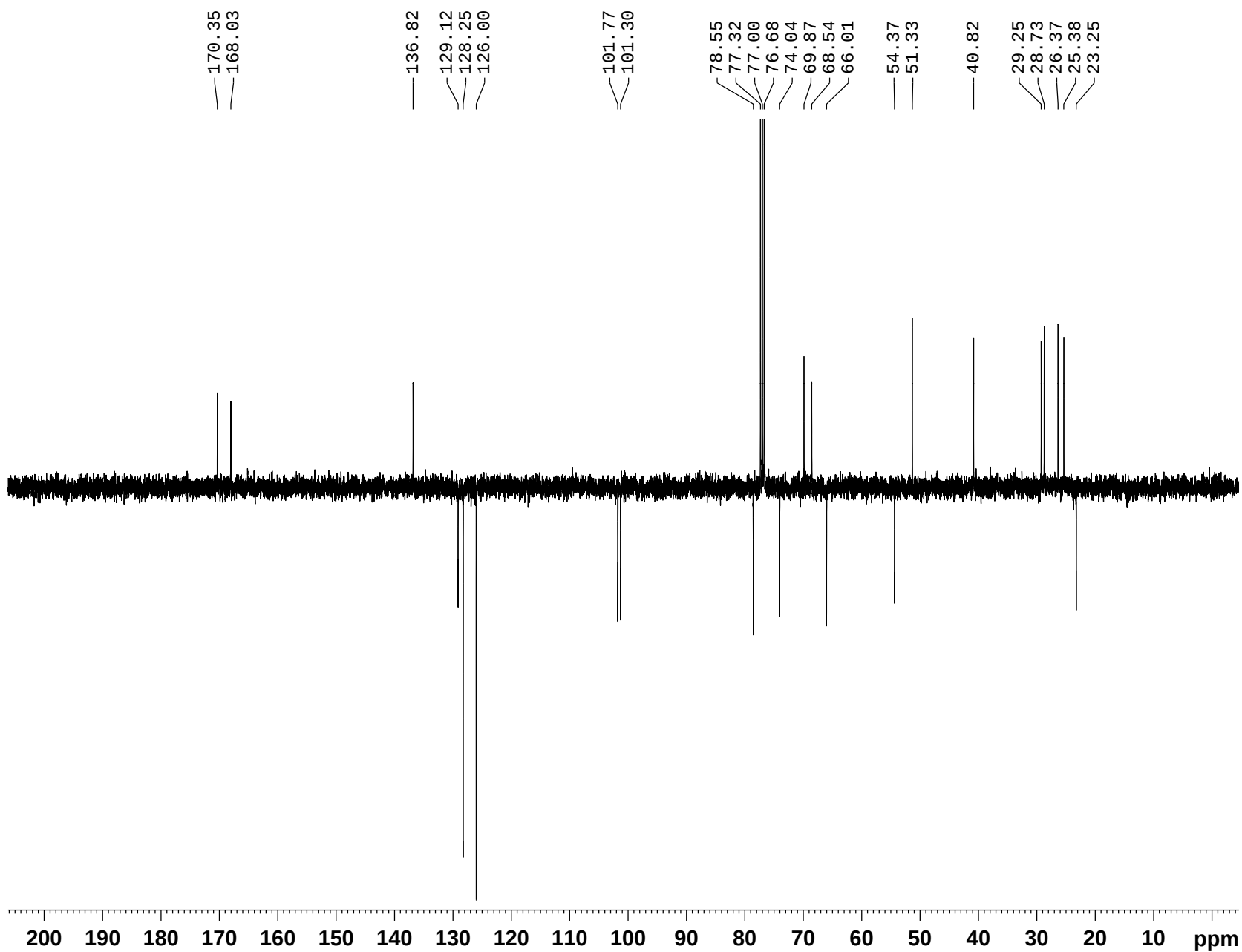
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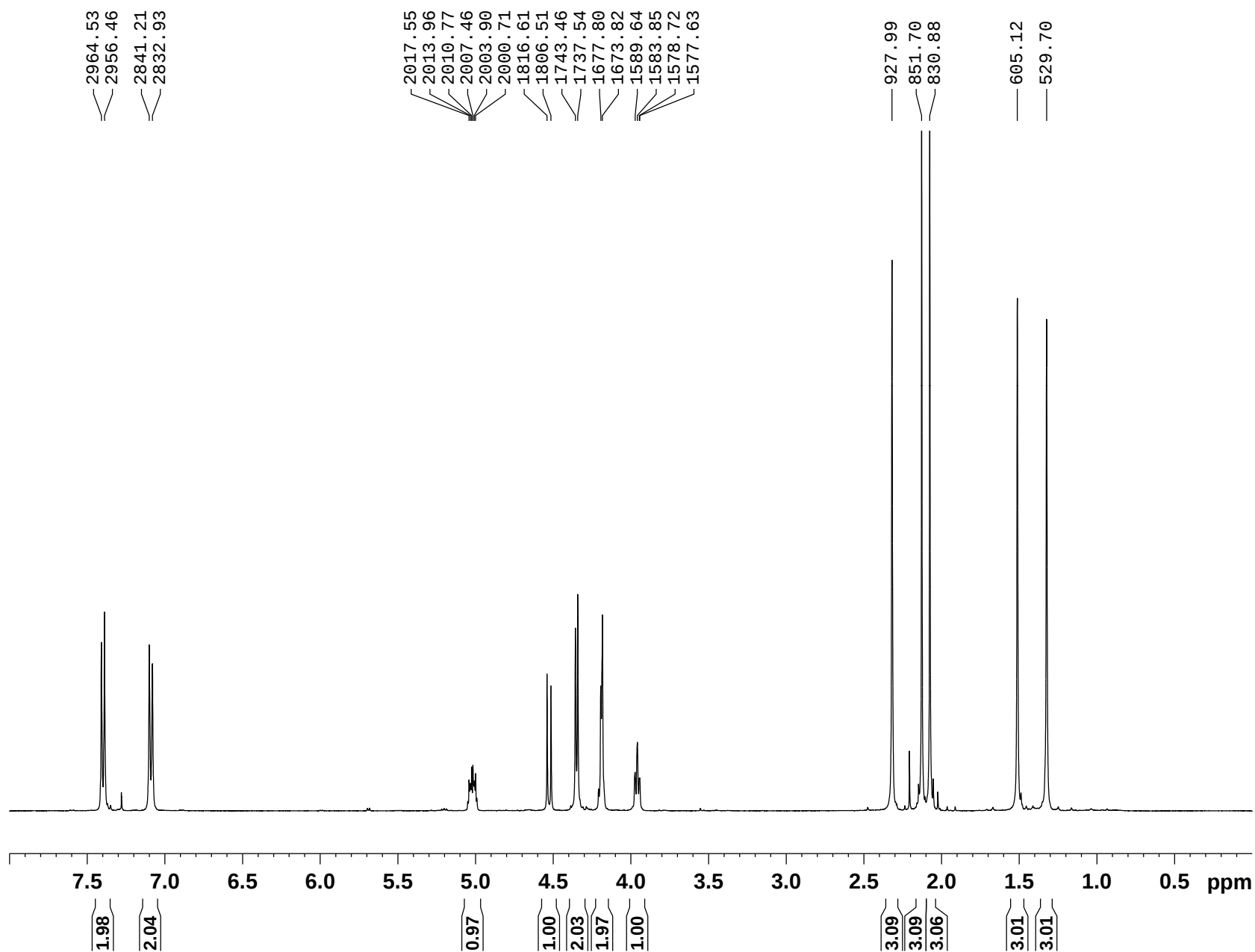
Compound **19**, 400 MHz, CDCl₃



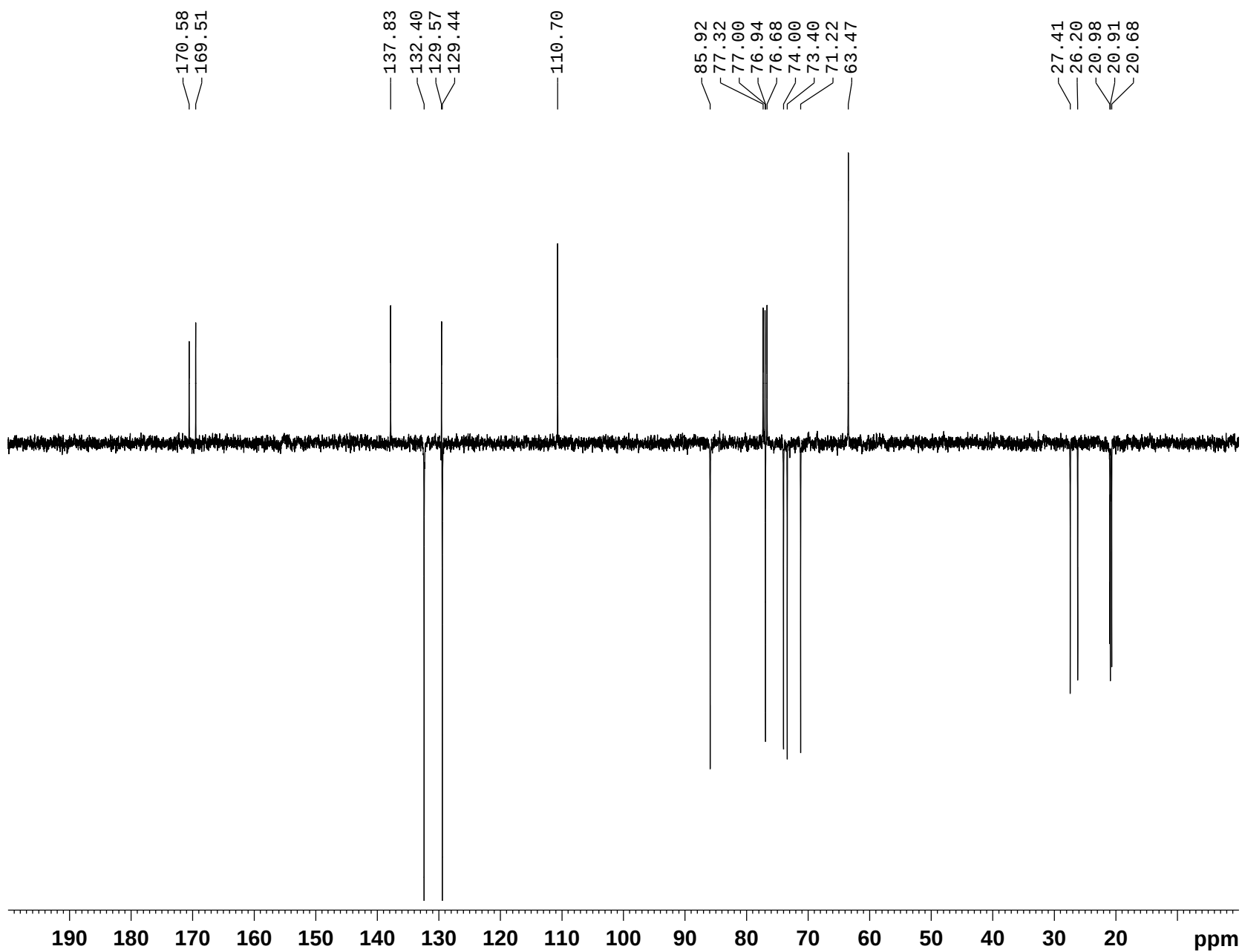
Compound **19**, 100 MHz, CDCl₃



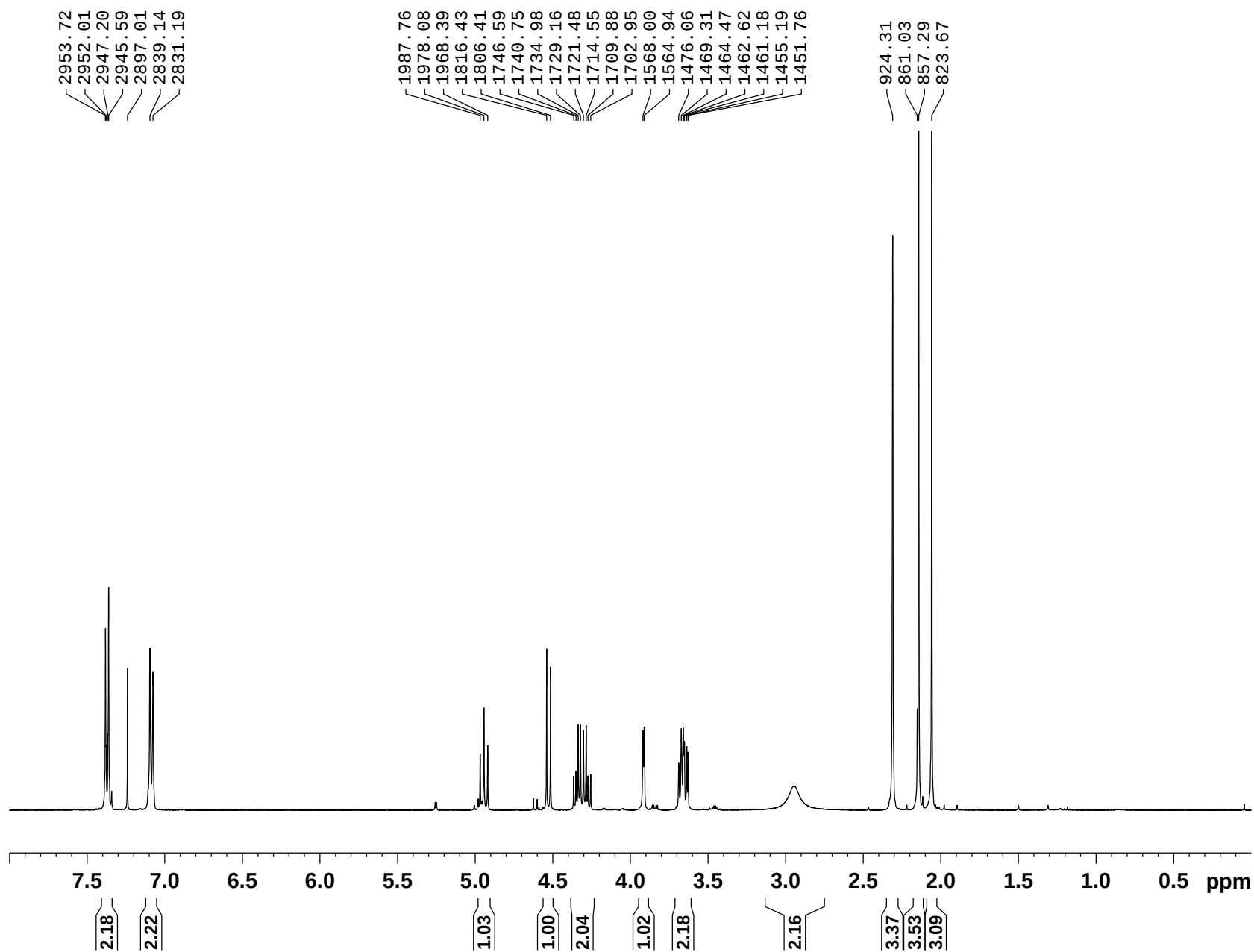
Compound **21**, 400 MHz, CDCl₃



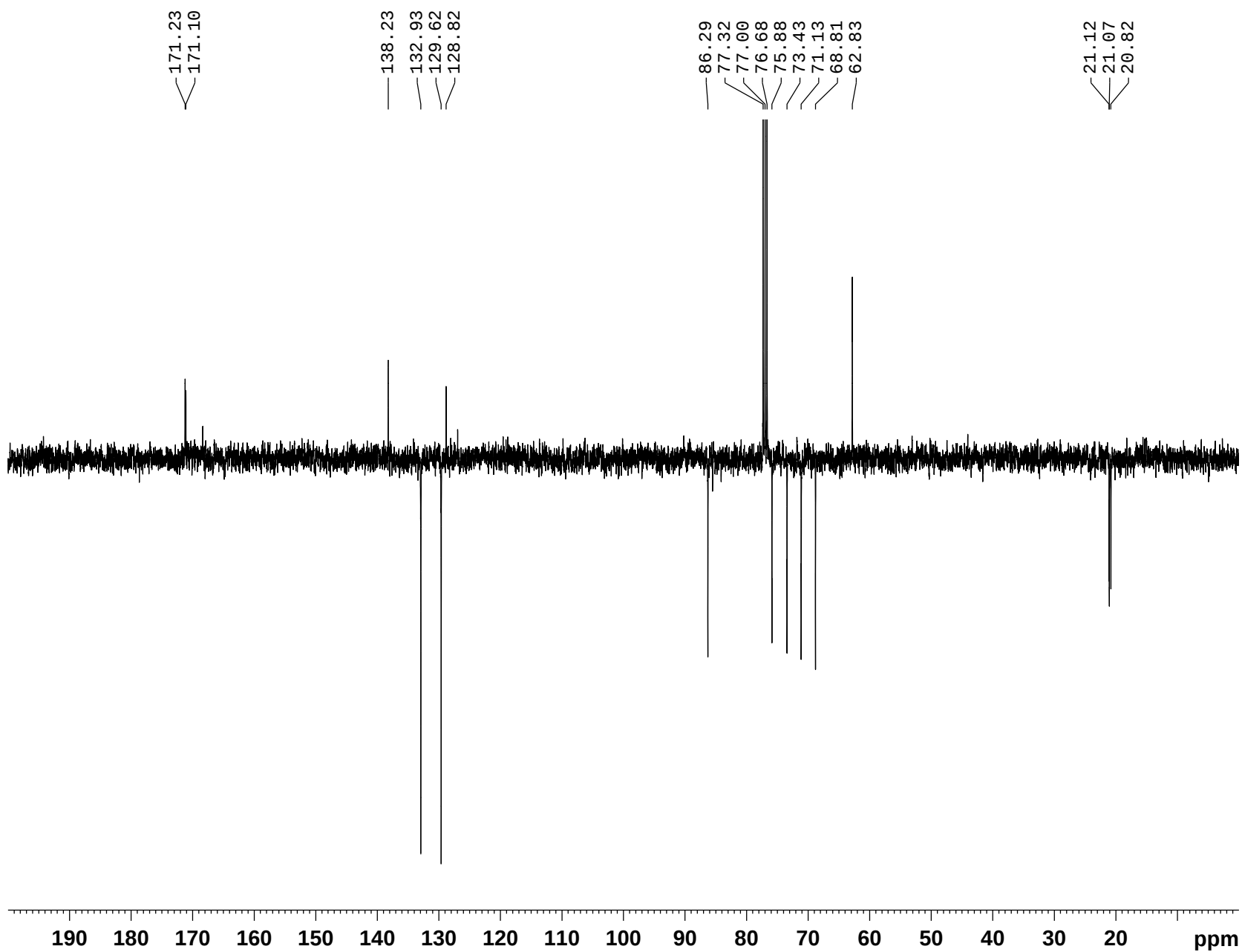
Compound **21**, 100 MHz, CDCl₃



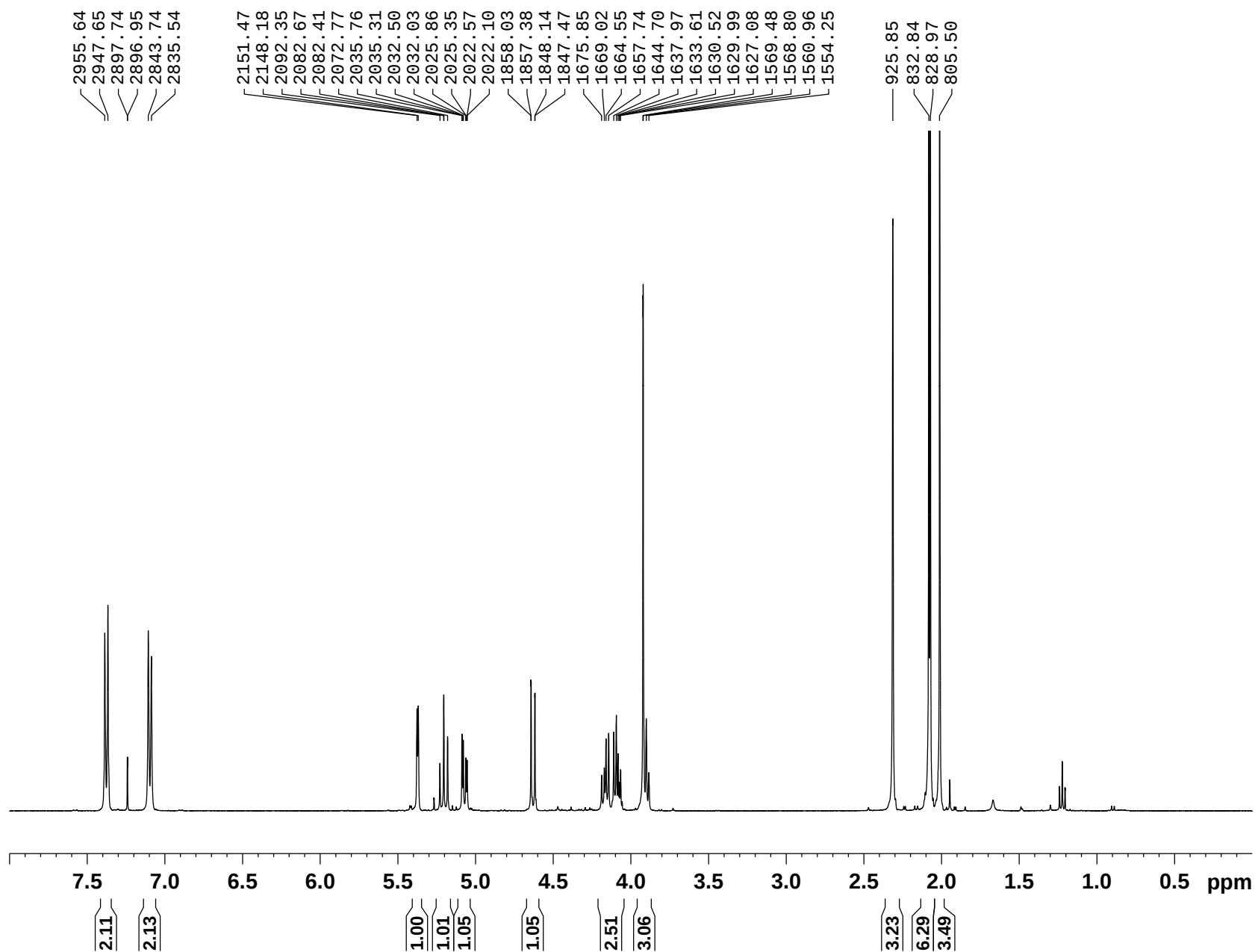
Compound **22**, 400 MHz, CDCl₃



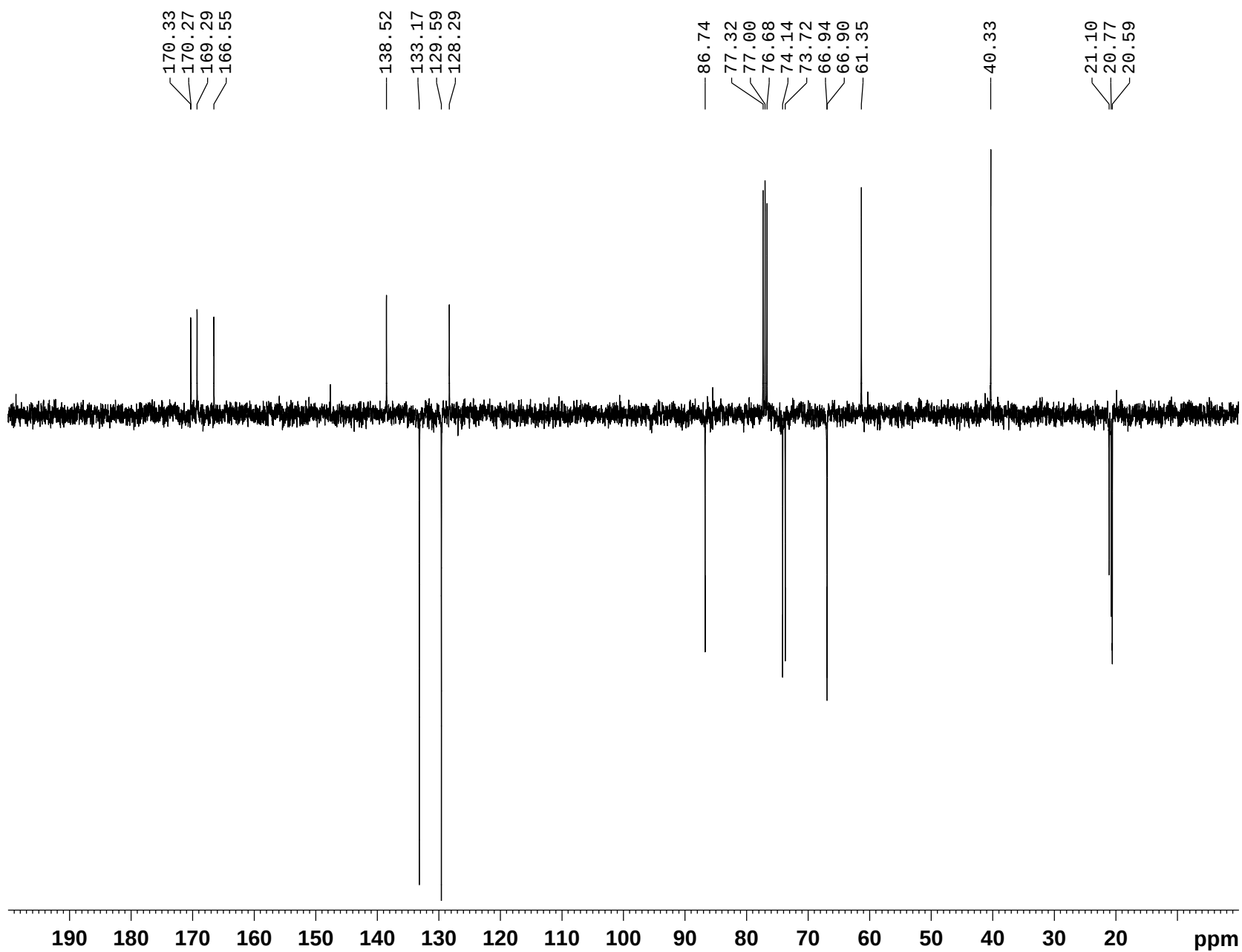
Compound **22**, 100 MHz, CDCl₃



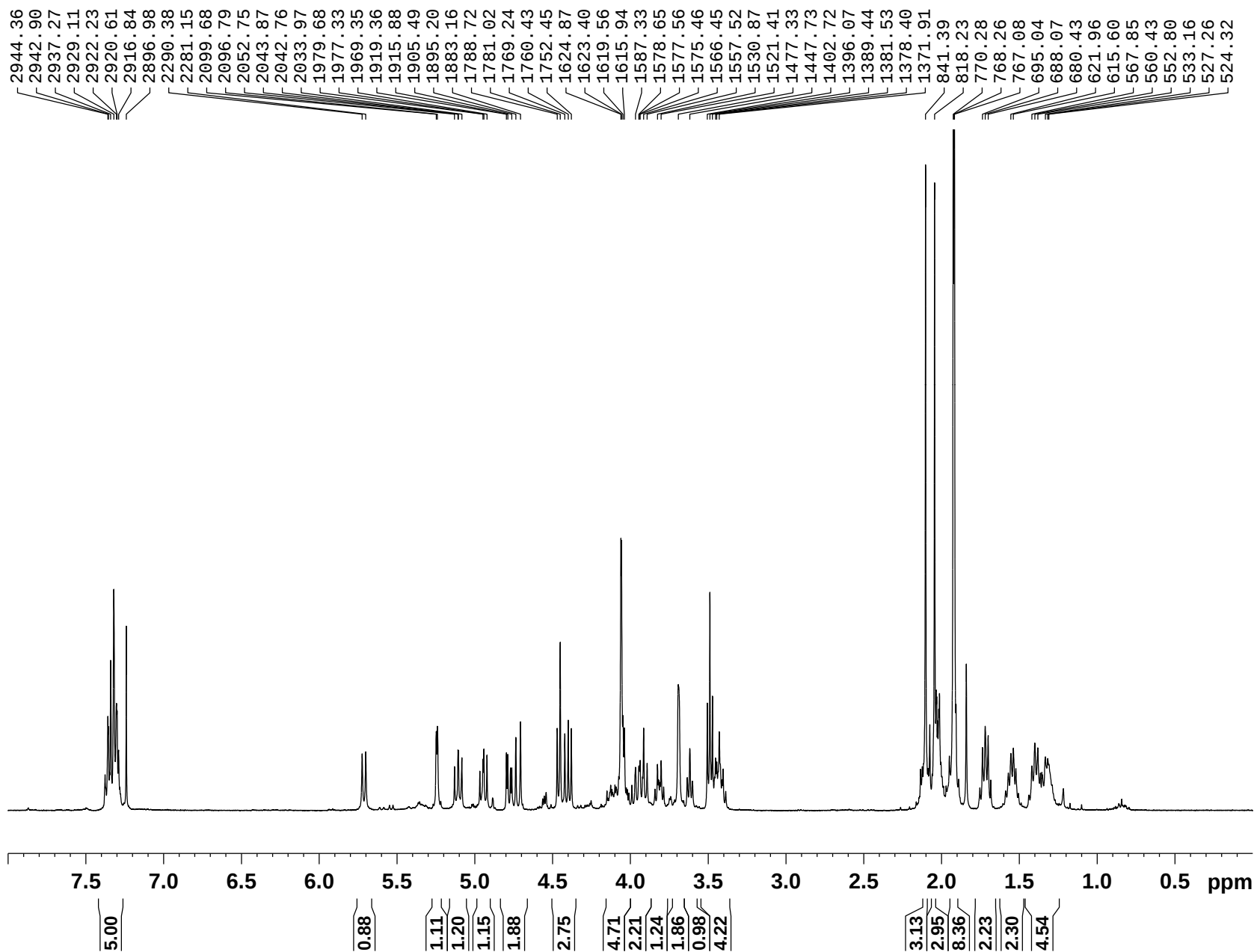
Compound **23**, 400 MHz, CDCl₃



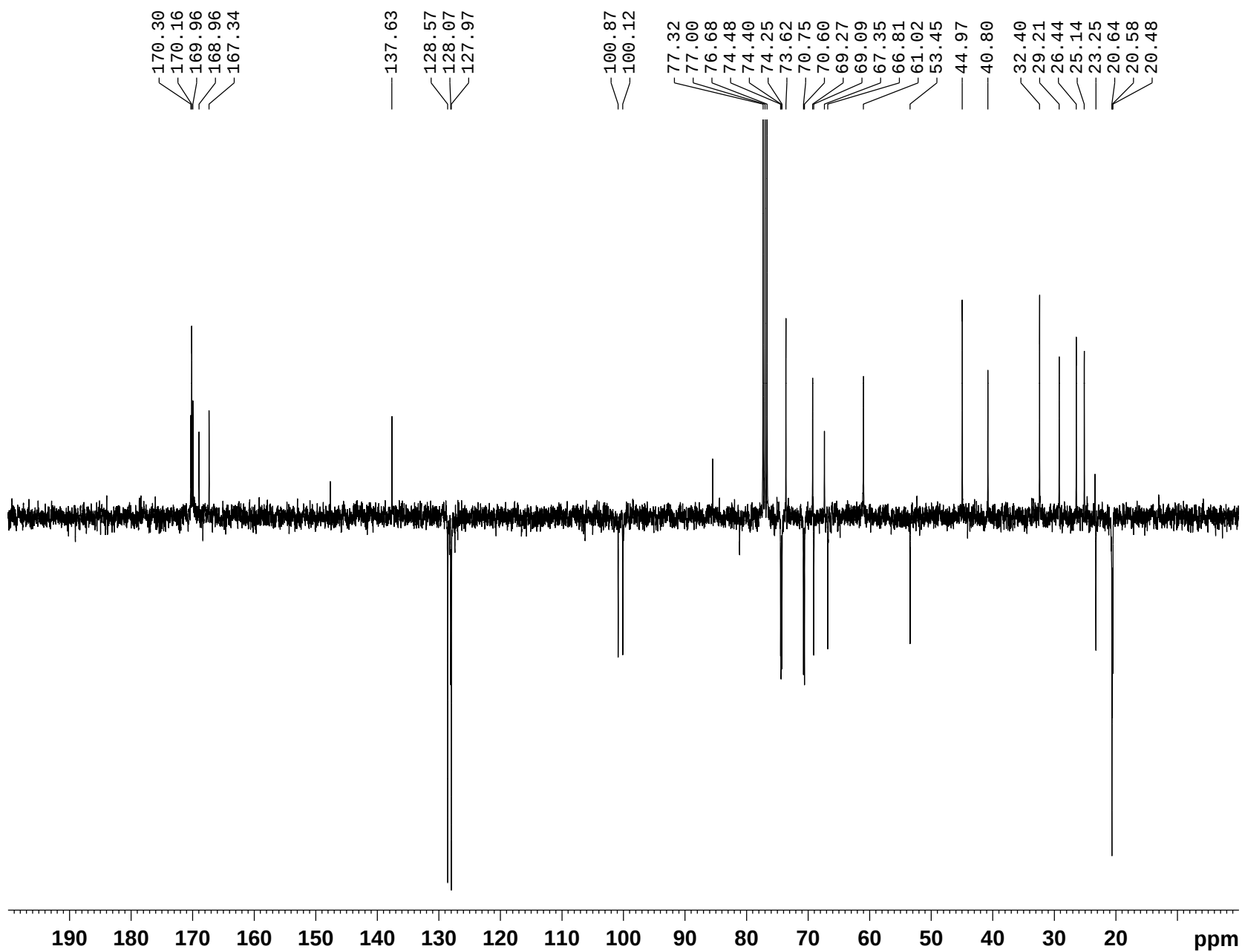
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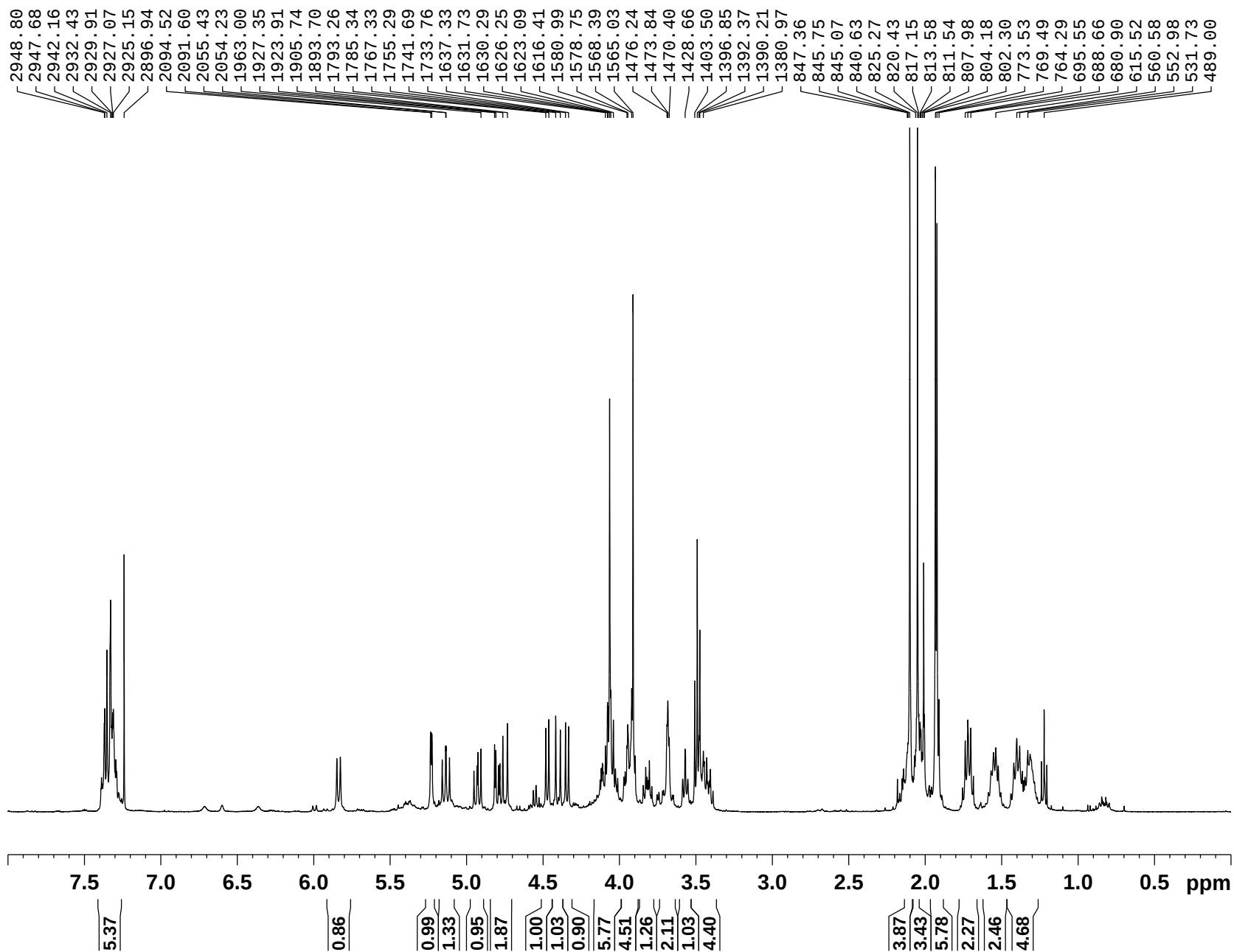
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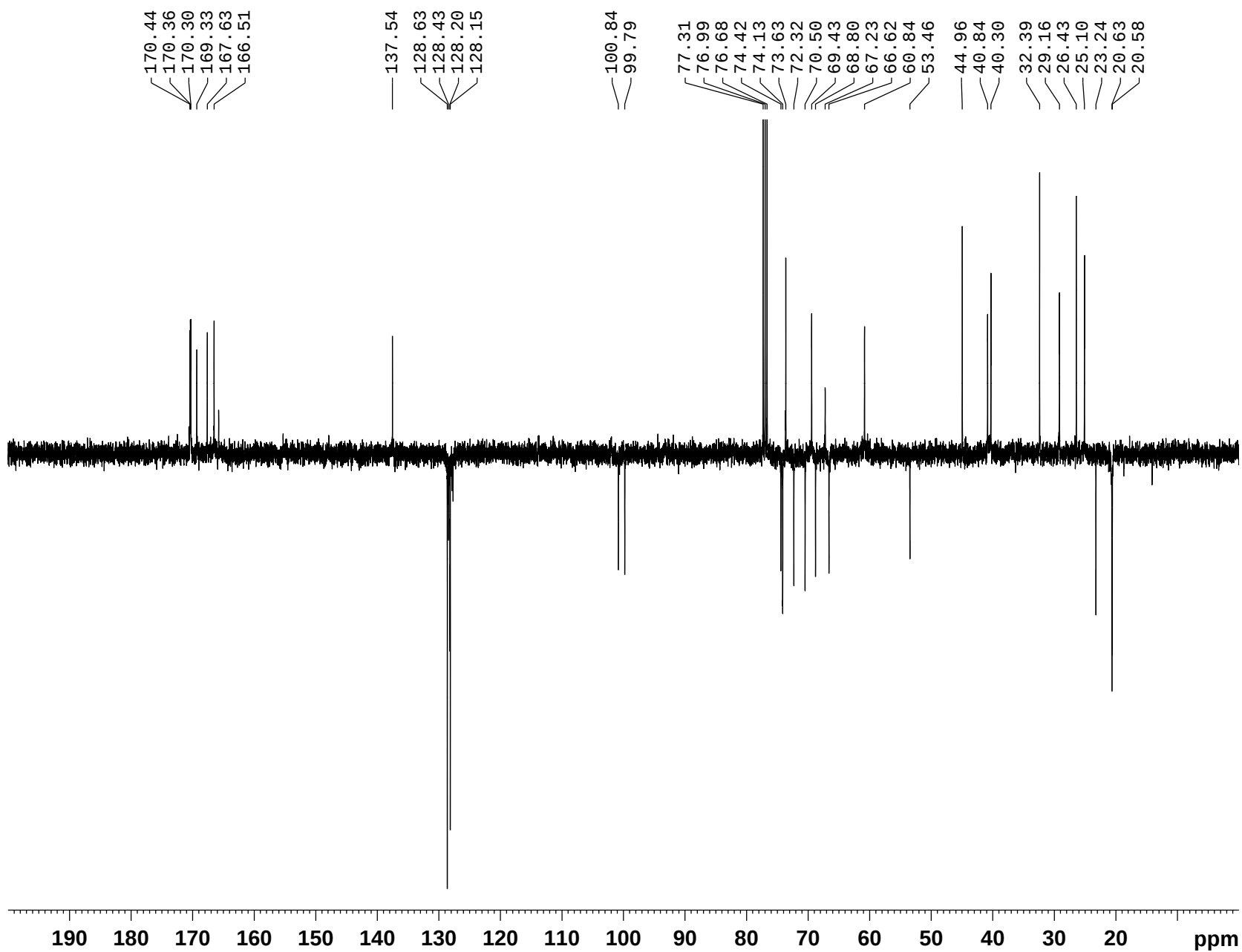
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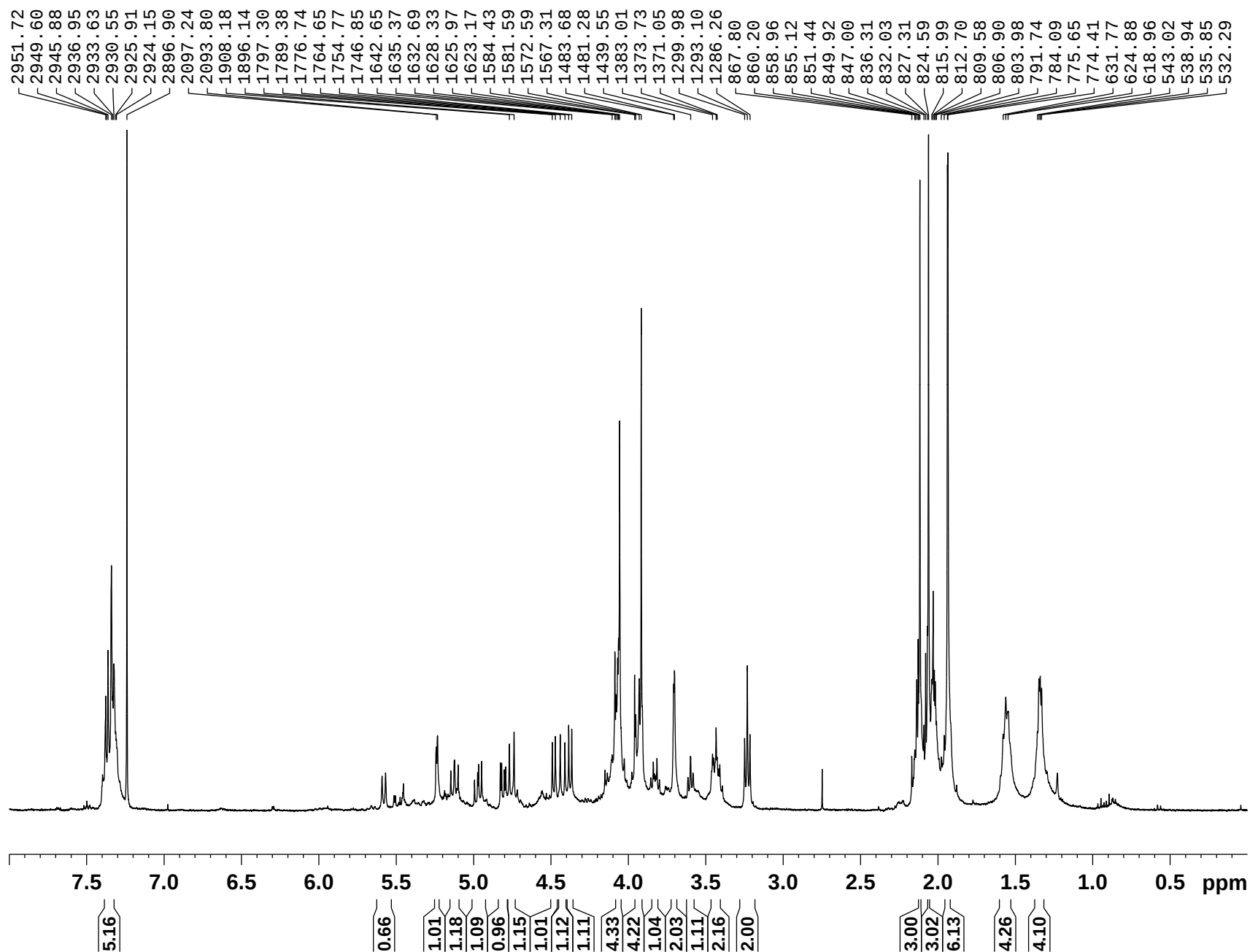
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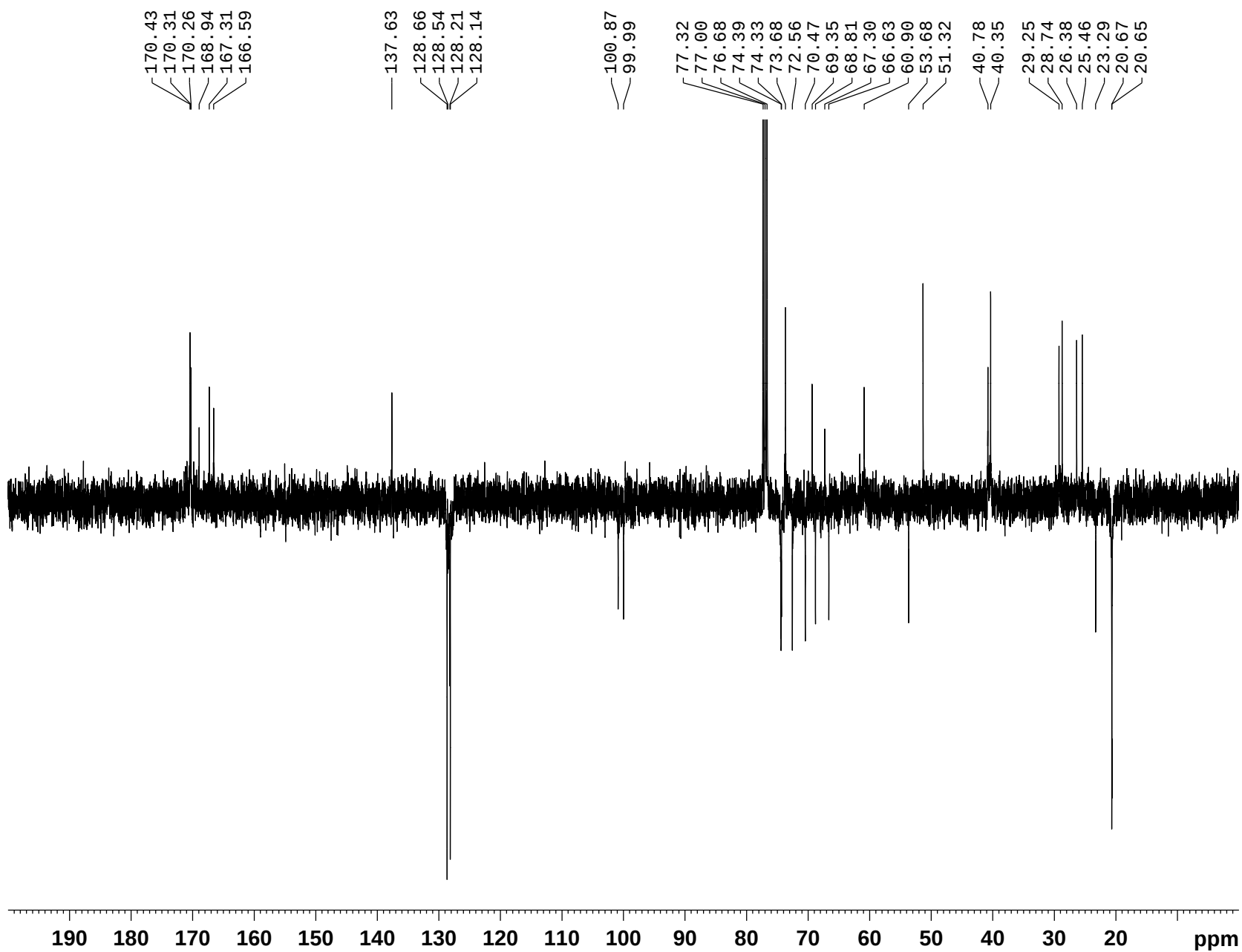
Compound **25**, 100 MHz, CDCl₃



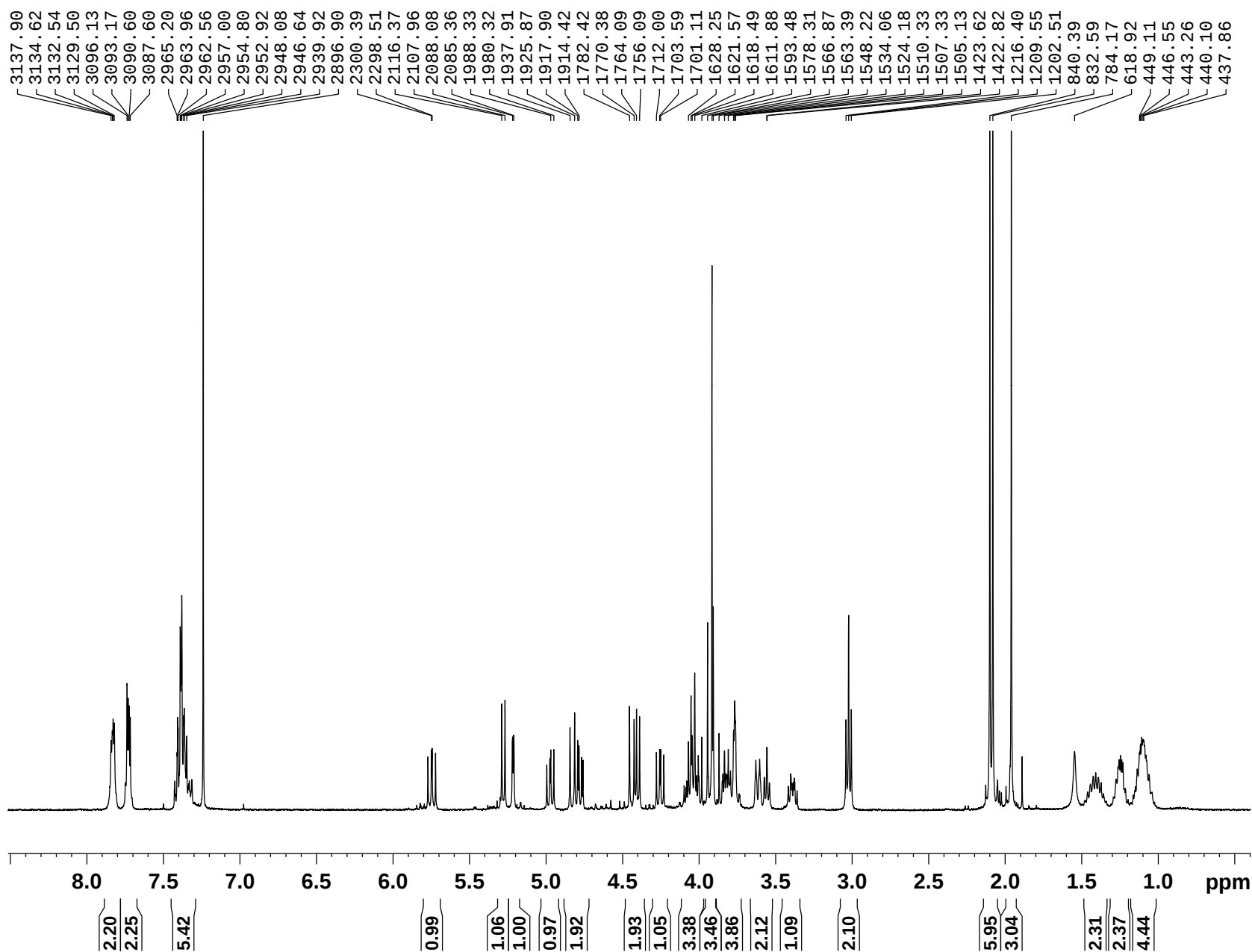
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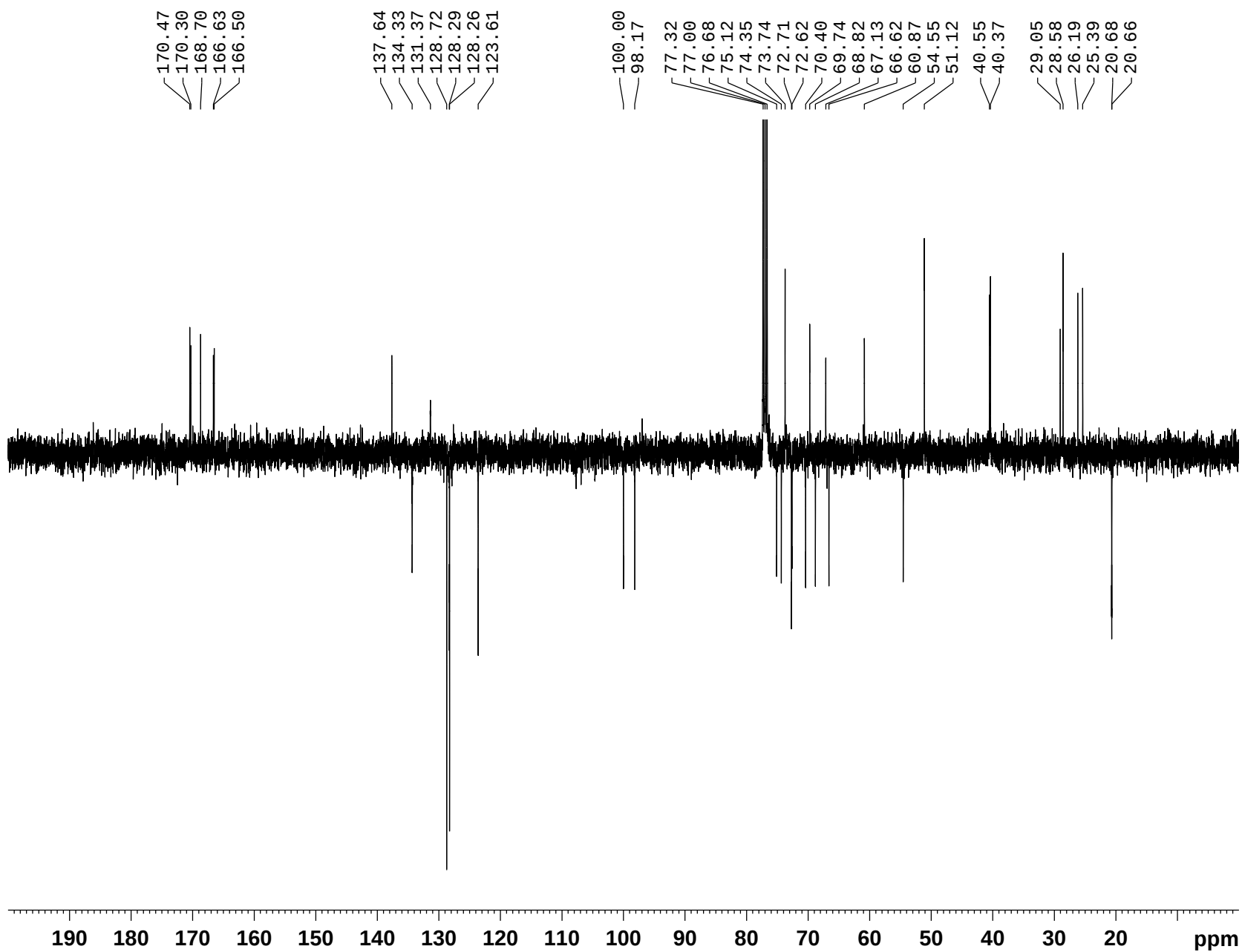
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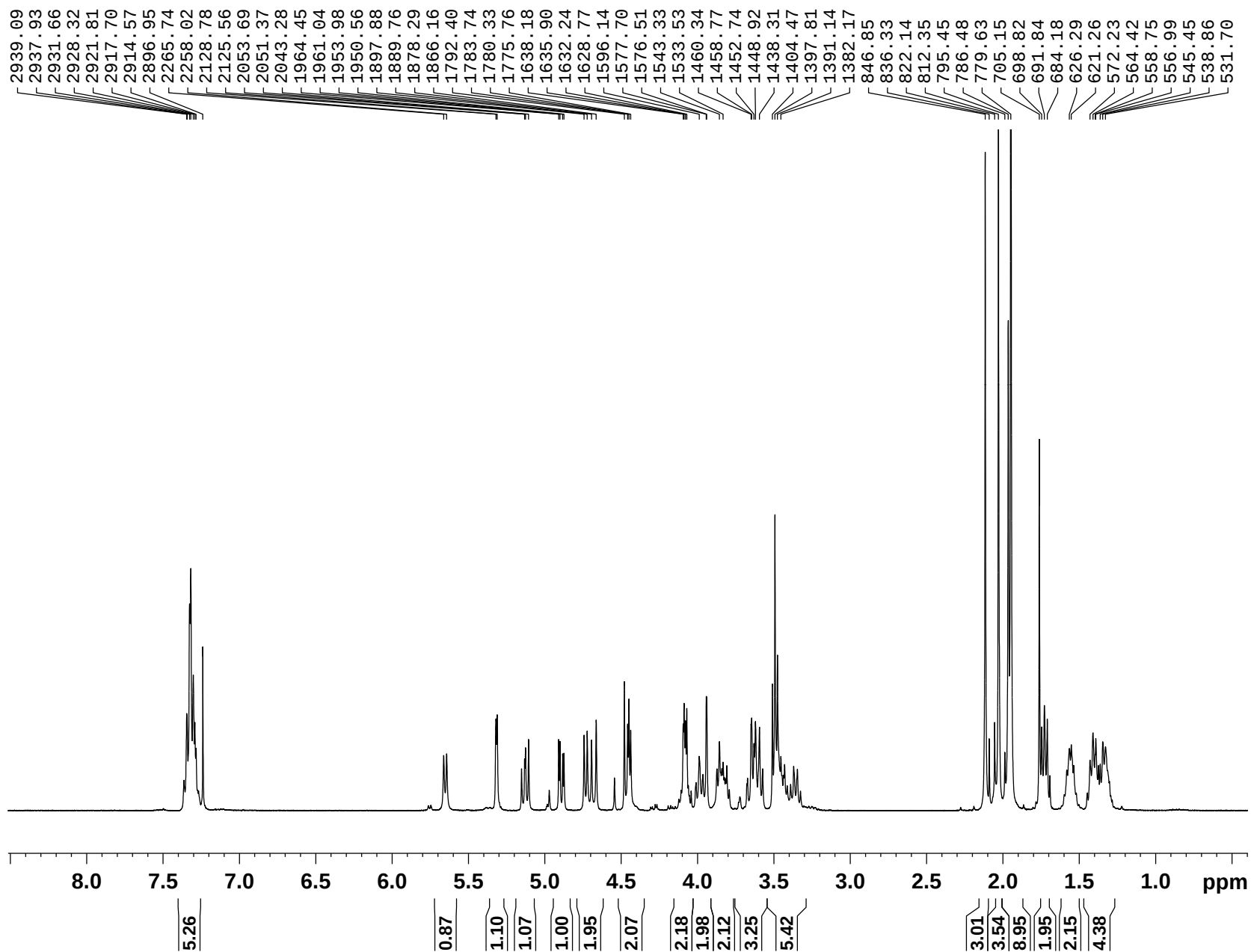
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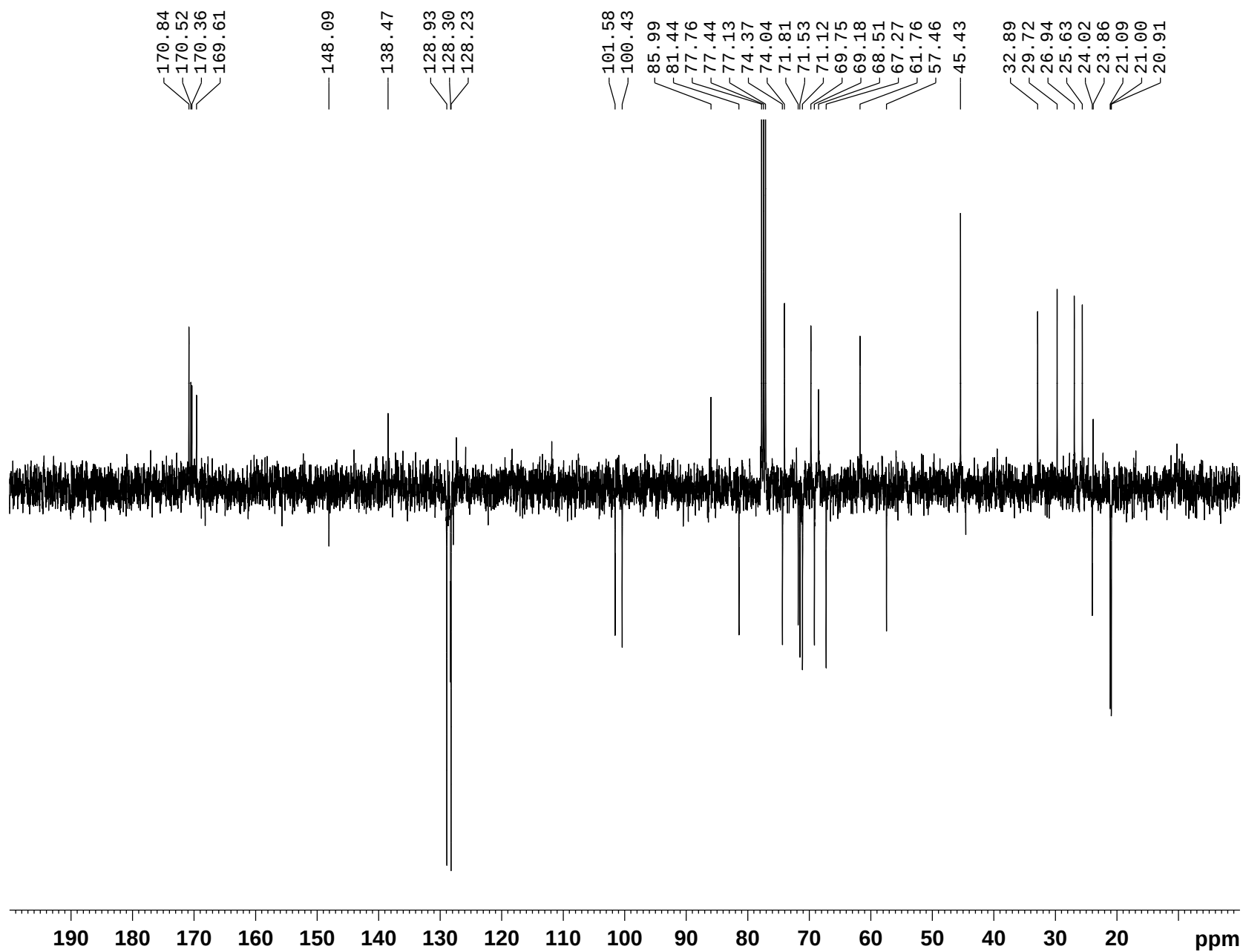
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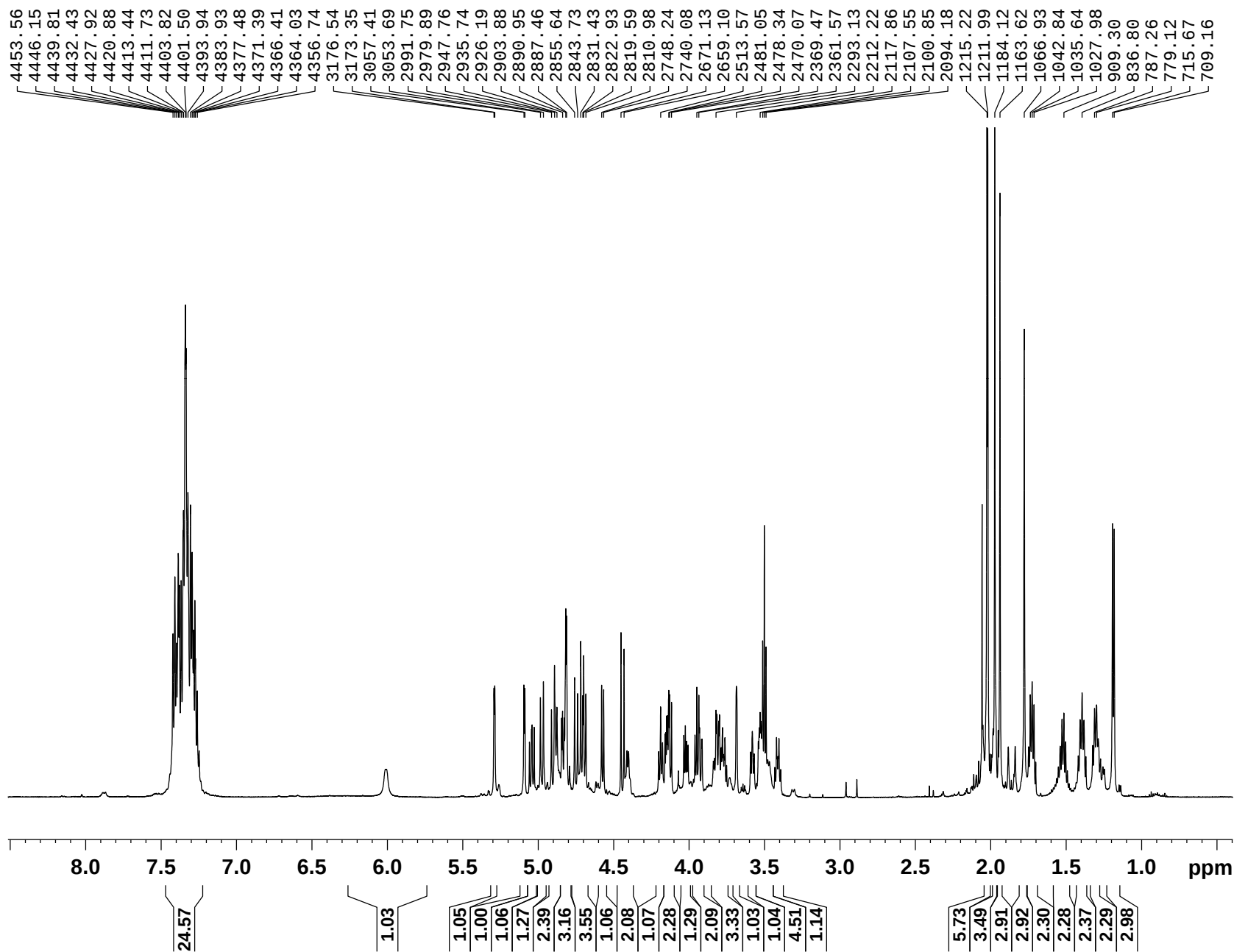
Compound **28**, 400 MHz, CDCl₃



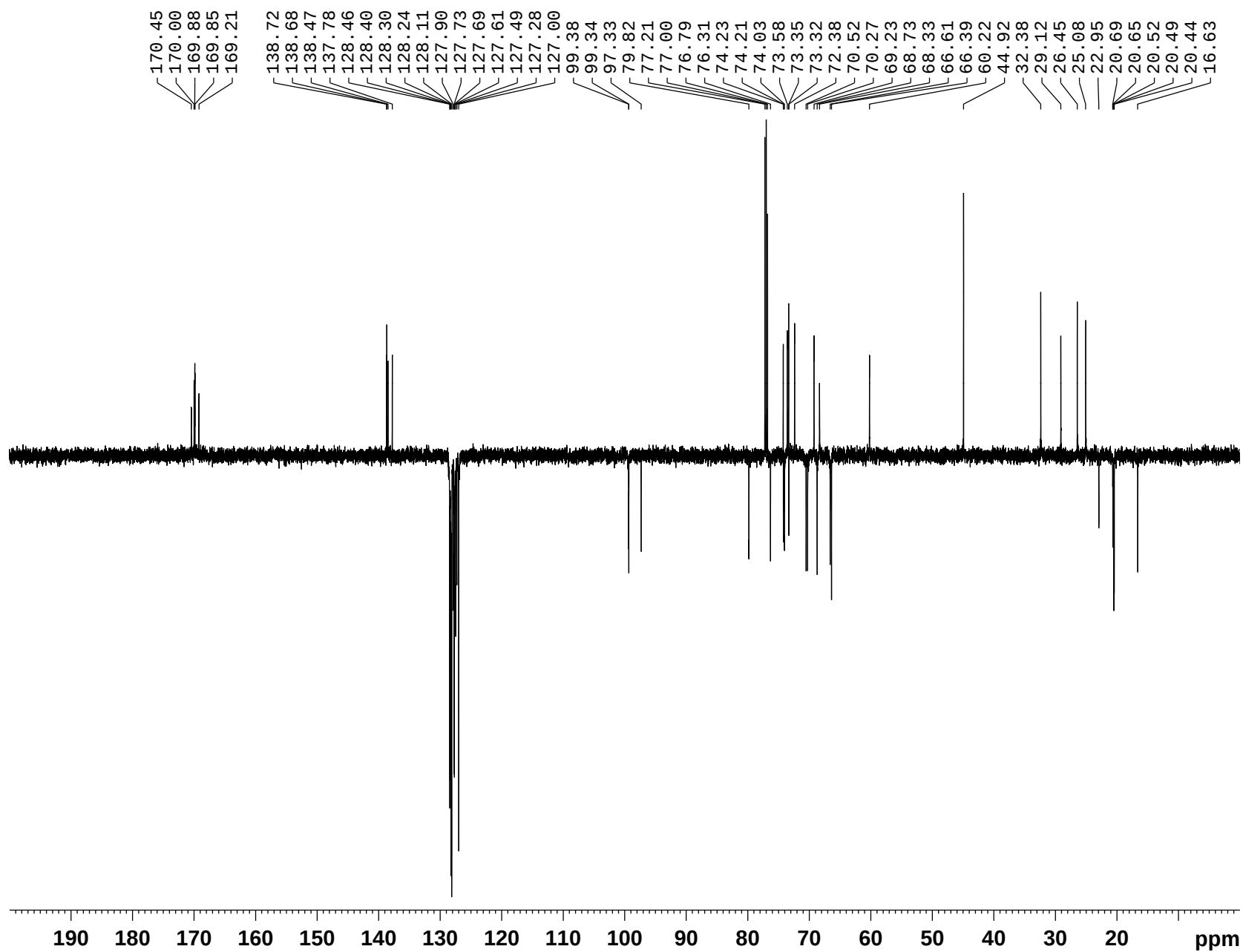
Compound **28**, 100 MHz, CDCl₃



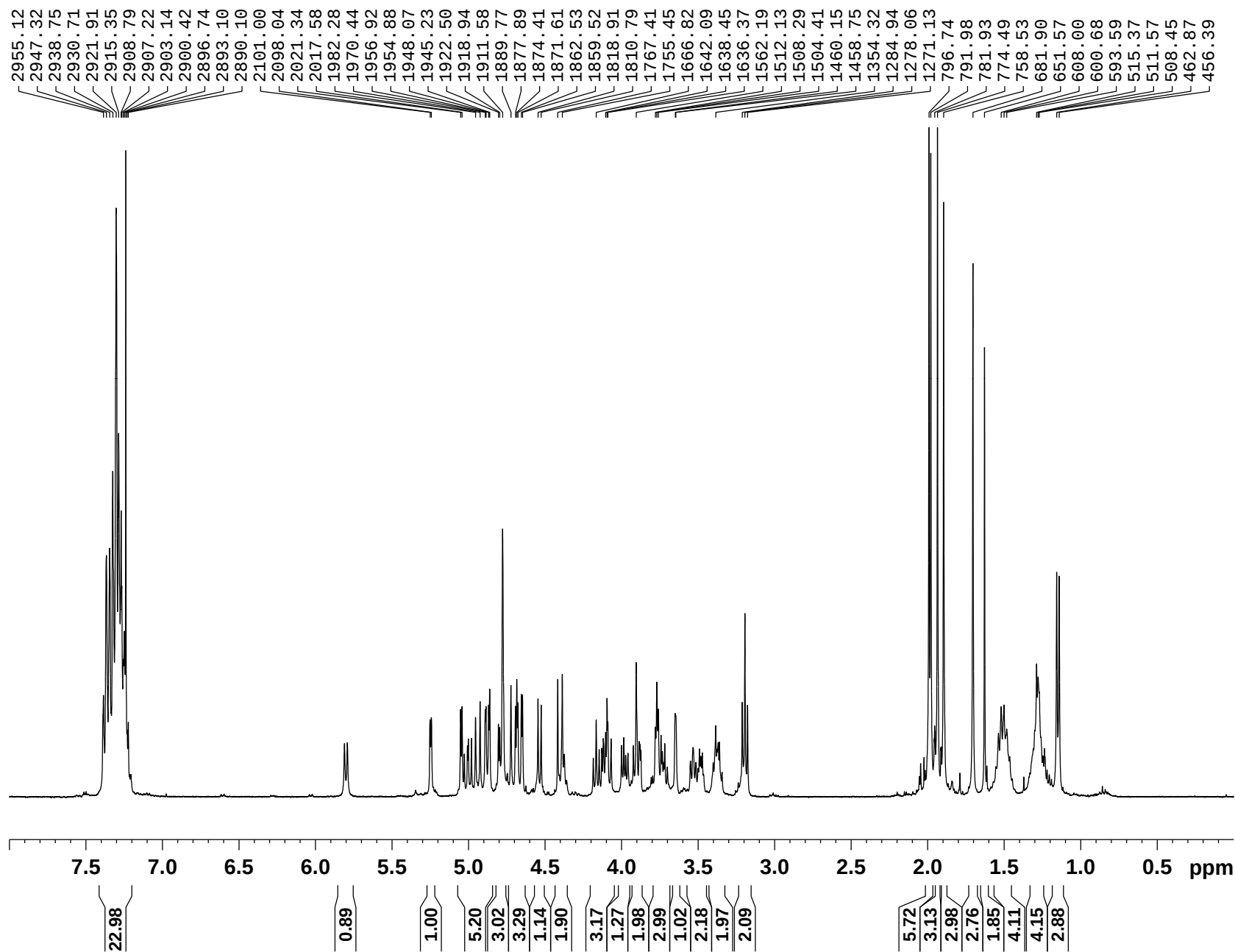
Compound **29**, 600 MHz, CDCl₃



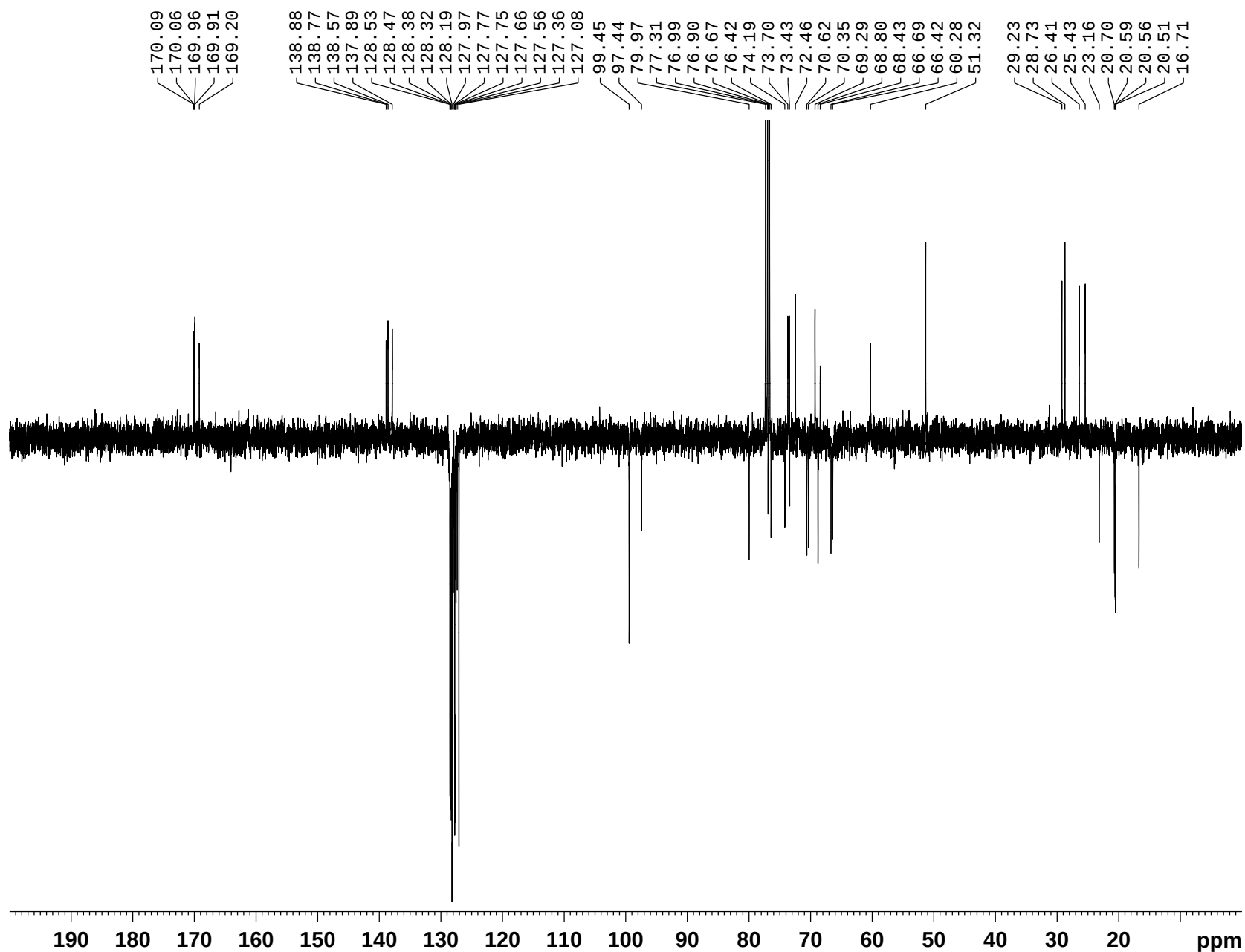
Compound **29**, 150 MHz, CDCl₃



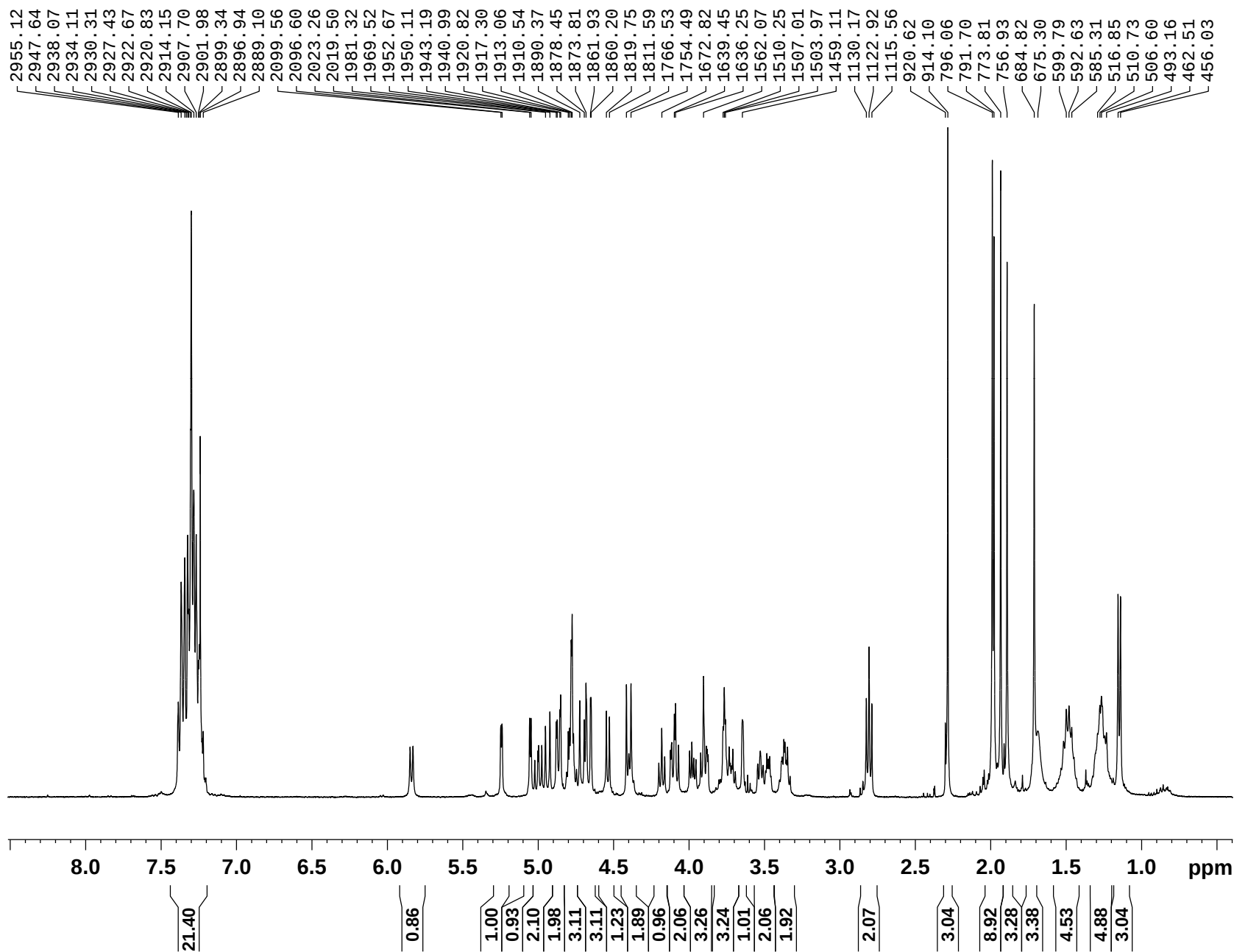
Compound **30**, 400 MHz, CDCl₃



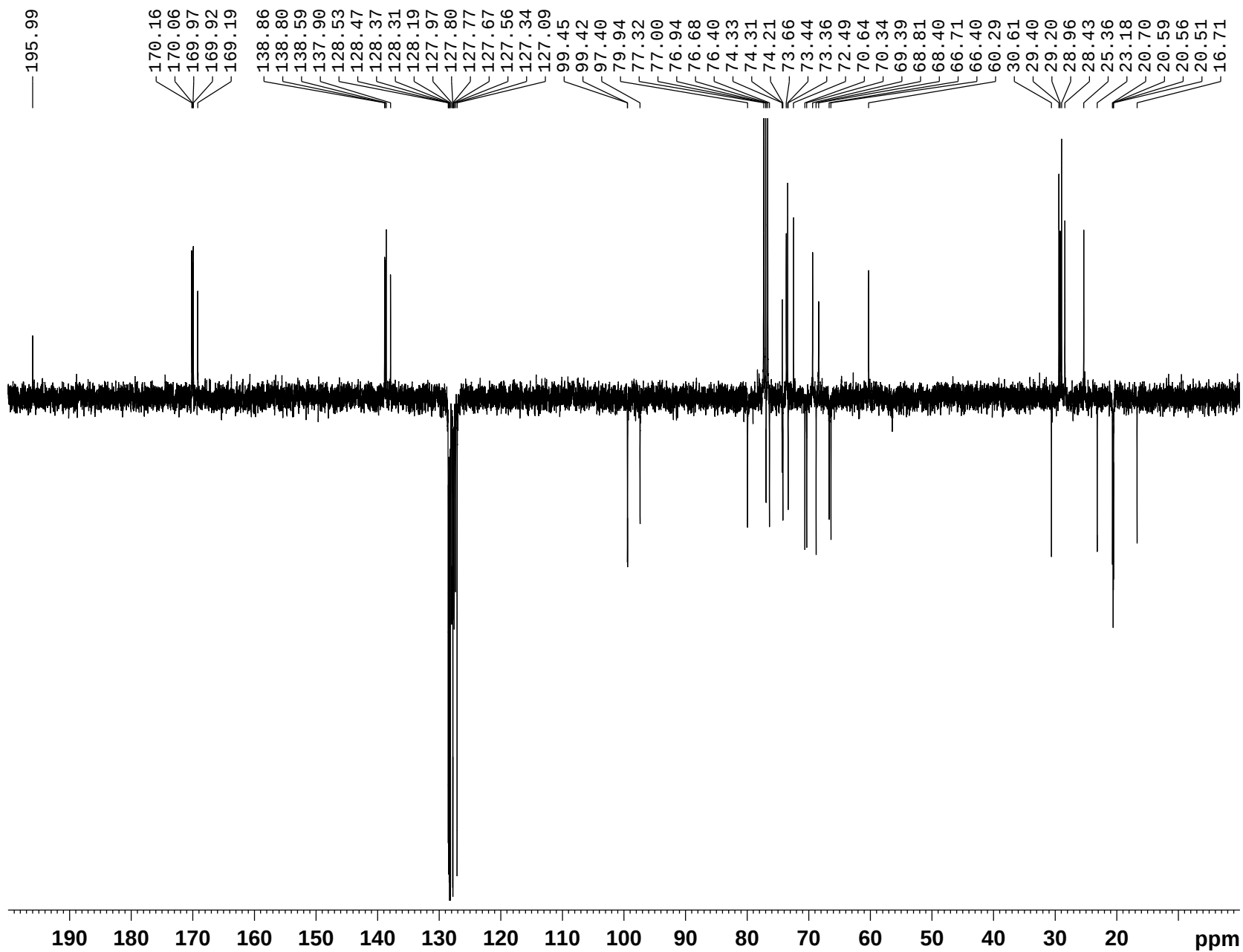
Compound **30**, 100 MHz, CDCl₃



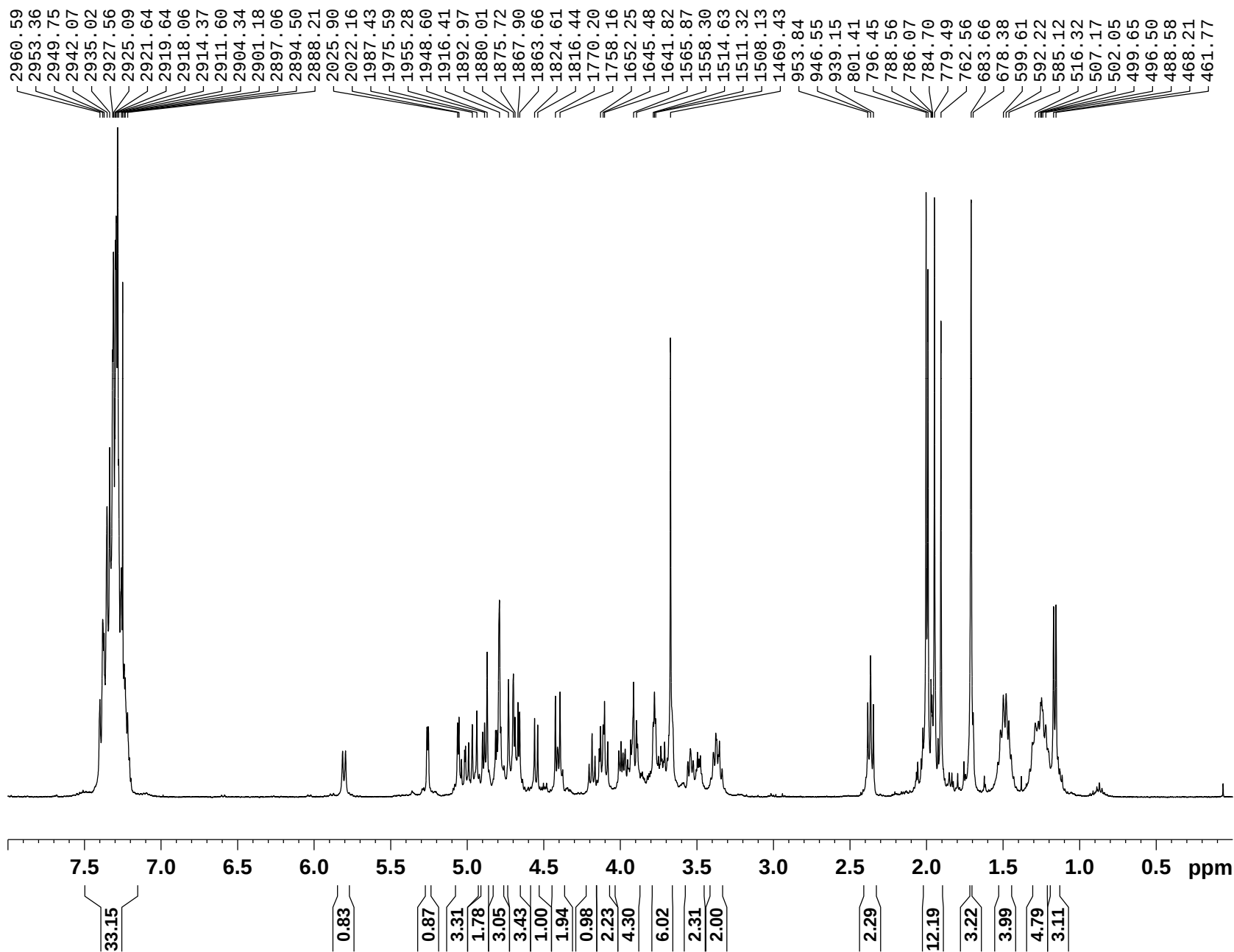
Compound **31**, 400 MHz, CDCl₃



Compound **31**, 100 MHz, CDCl₃



Compound **32**, 400 MHz, CDCl₃



Compound **32**, 150 MHz, CDCl₃

