

Supplementary Information

Natural Diarylfluorene Derivatives: Isolation, Total Synthesis, and Phosphodiesterase-4 Inhibition

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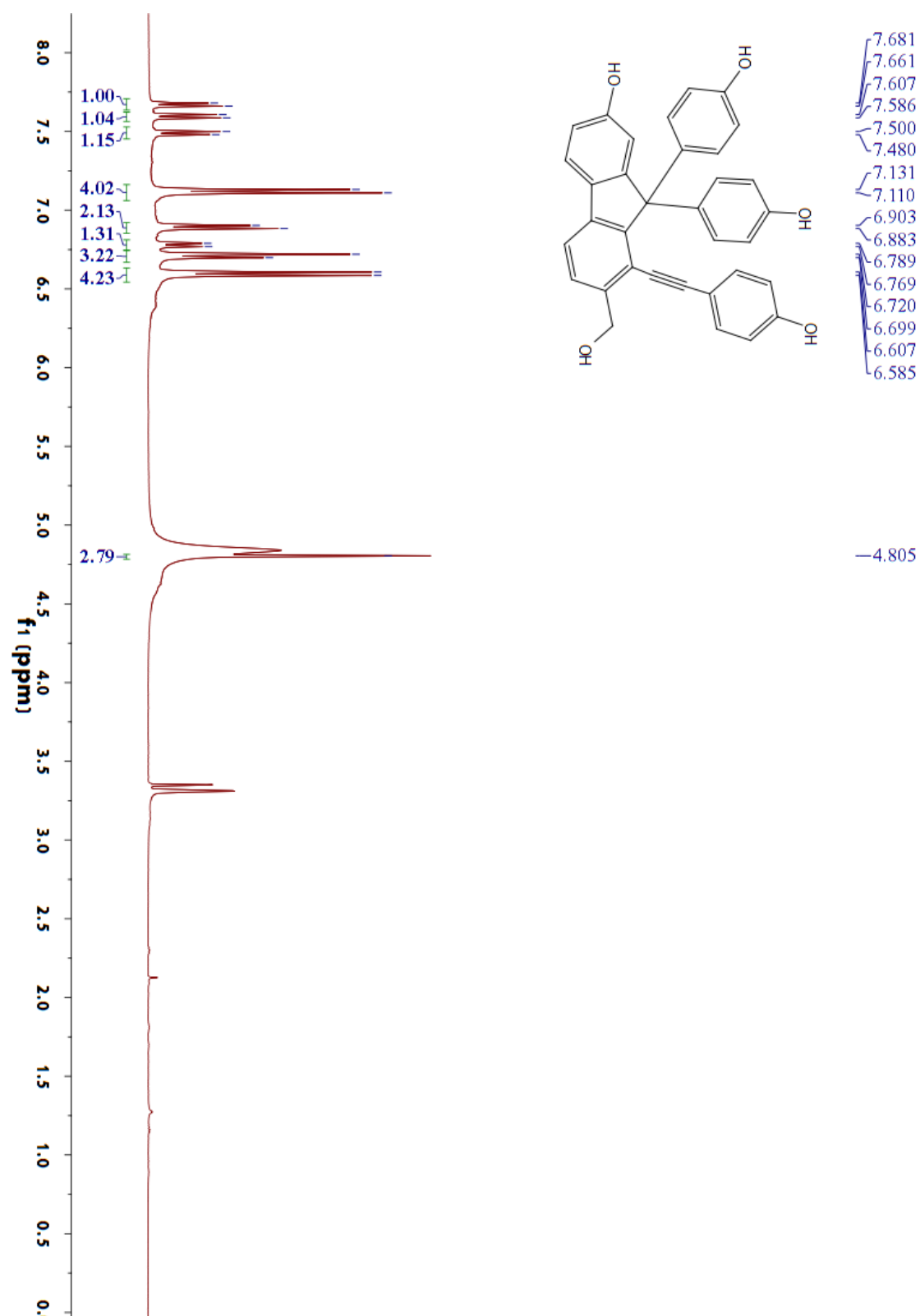
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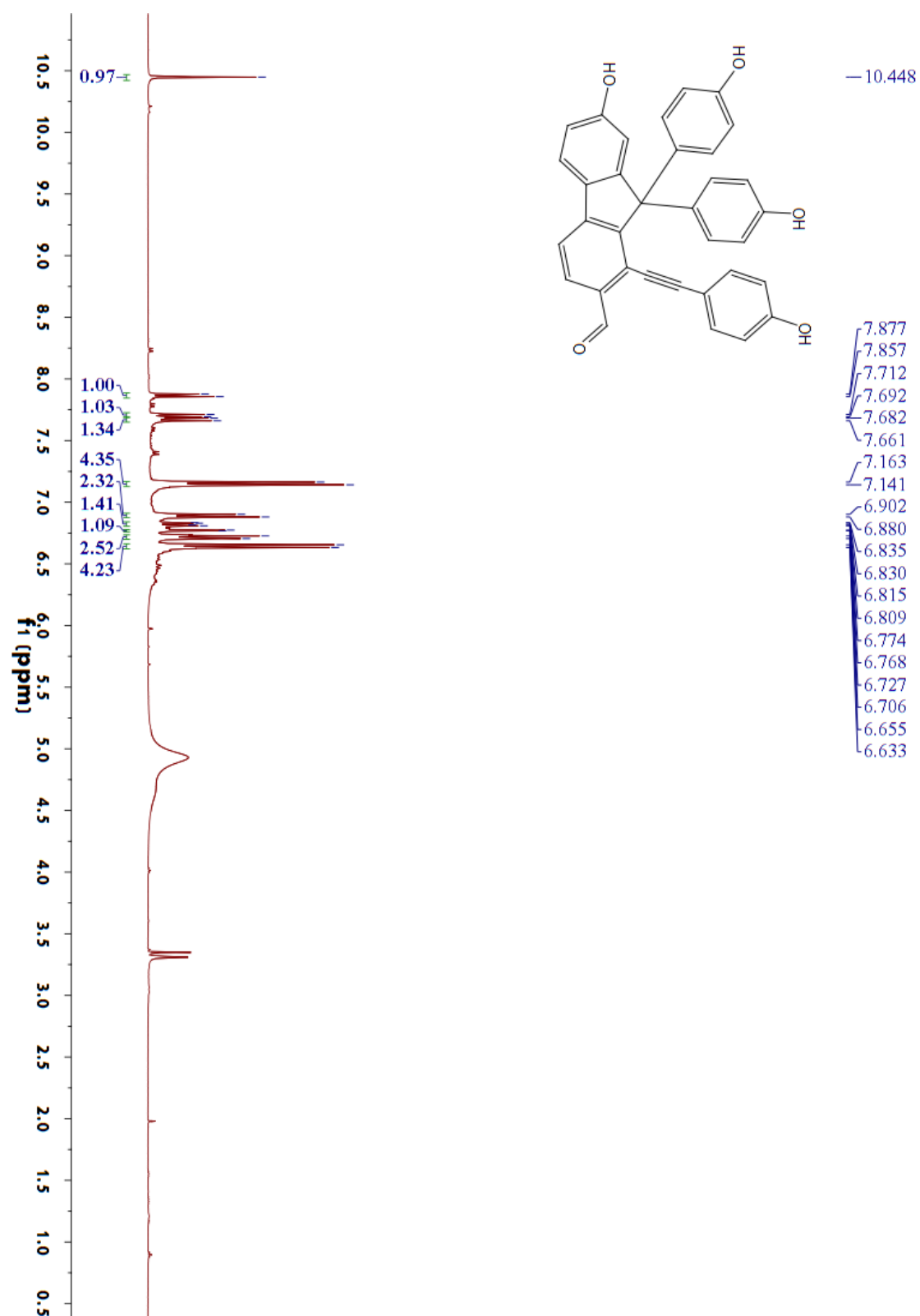
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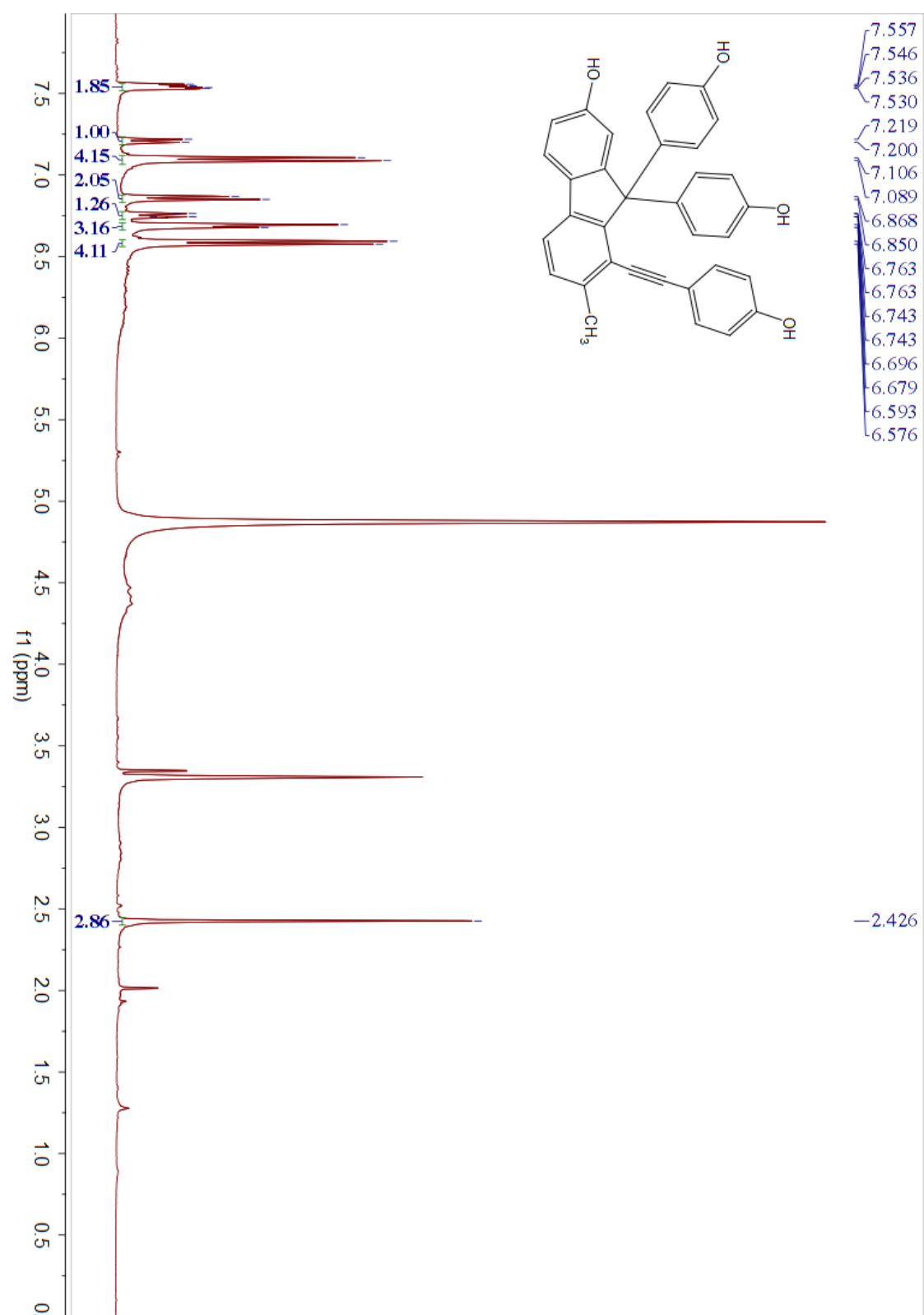
S1. ^1H NMR Spectrum of **1** in CD_3OD



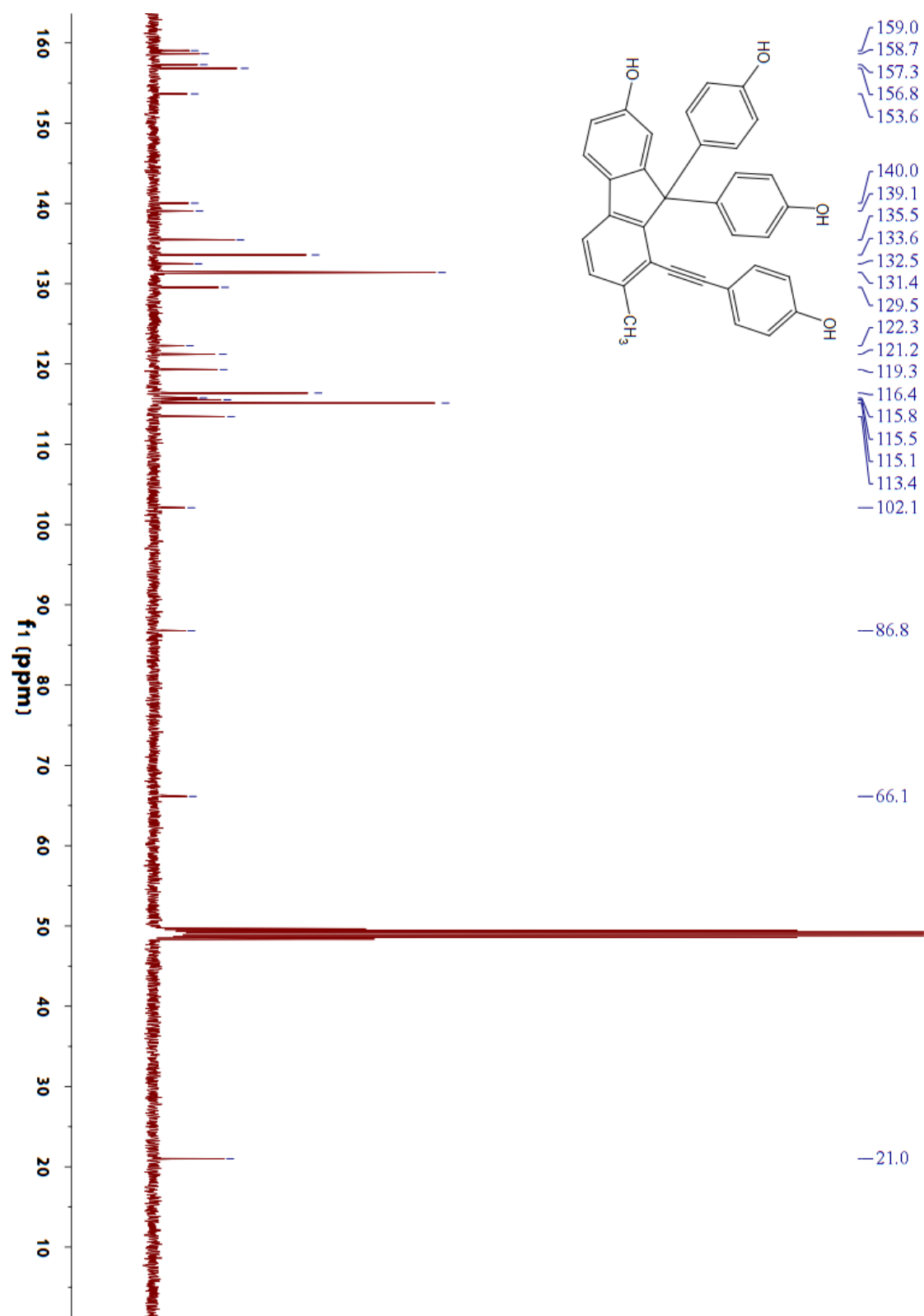
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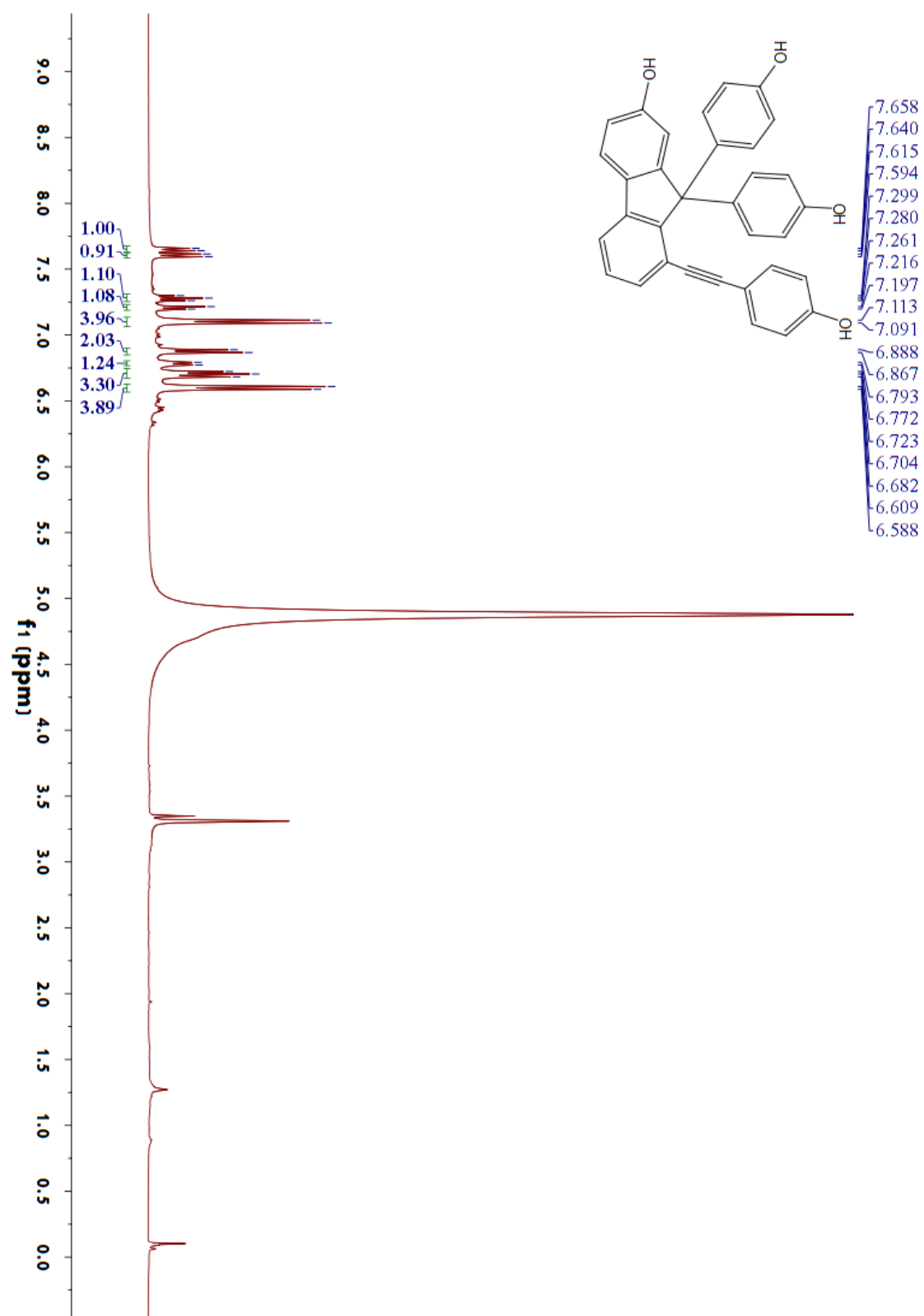
S3. ^1H NMR Spectrum of **3** in CD_3OD



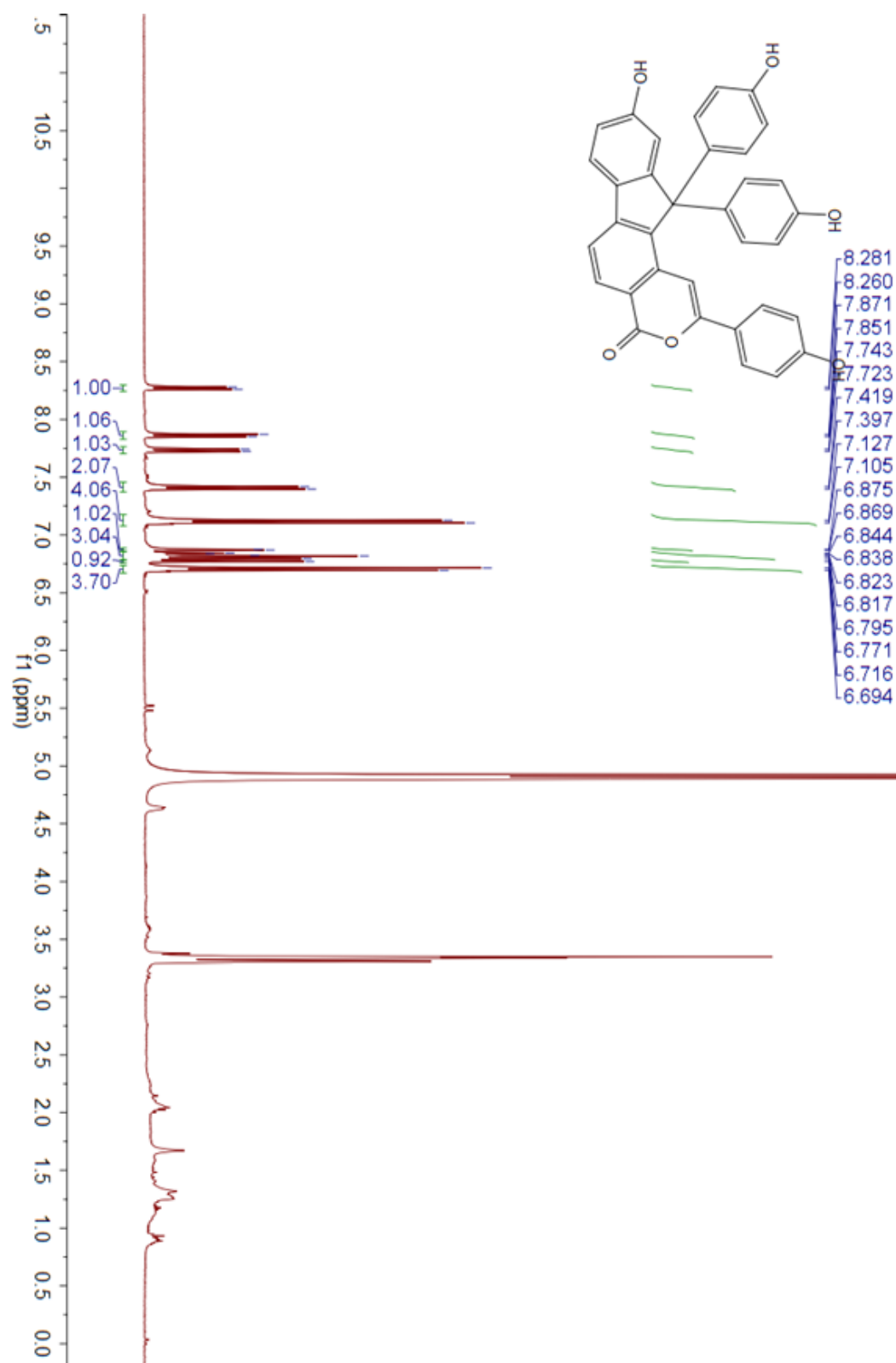
S4. ^{13}C NMR Spectrum of **3** in CD_3OD



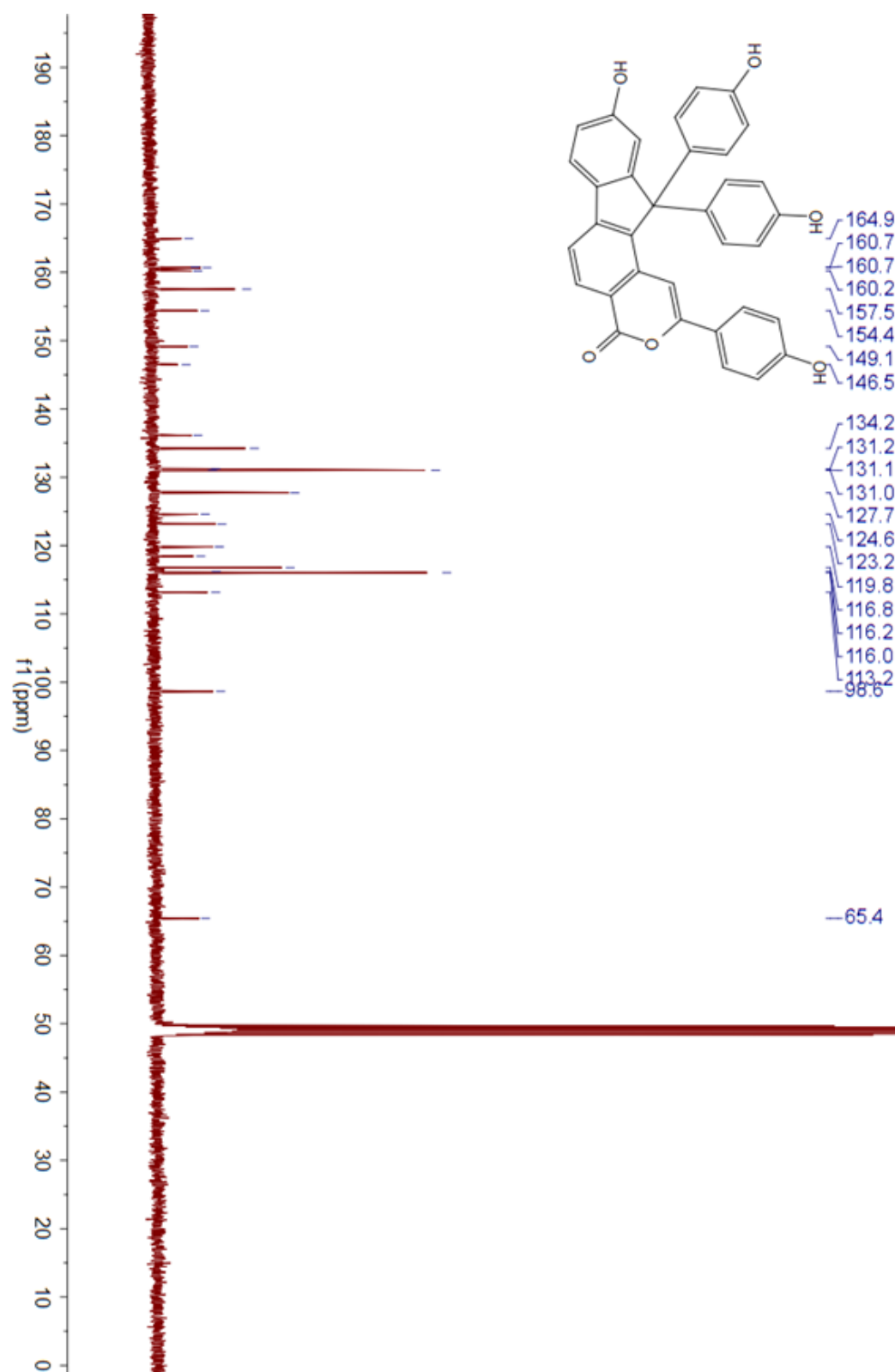
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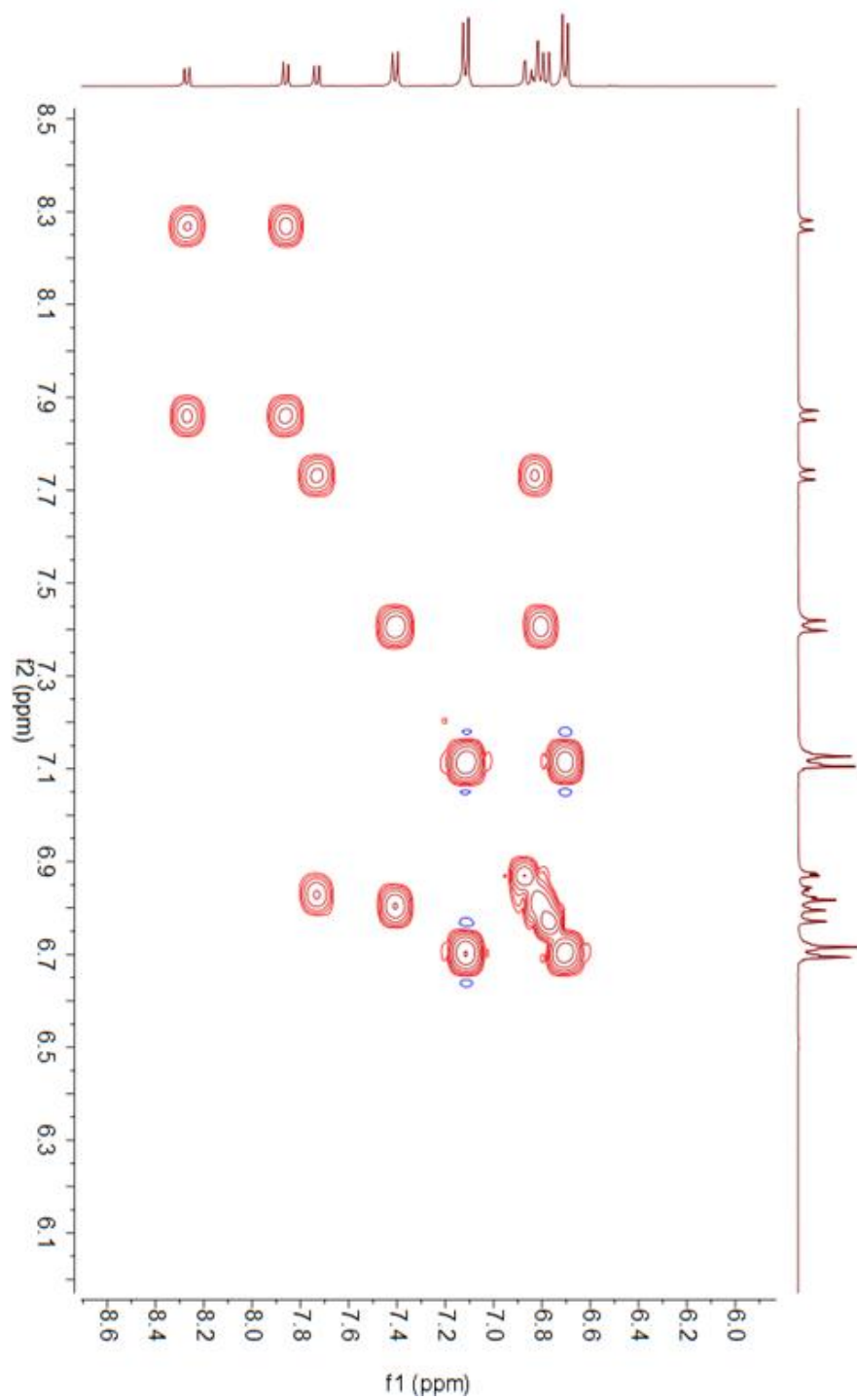
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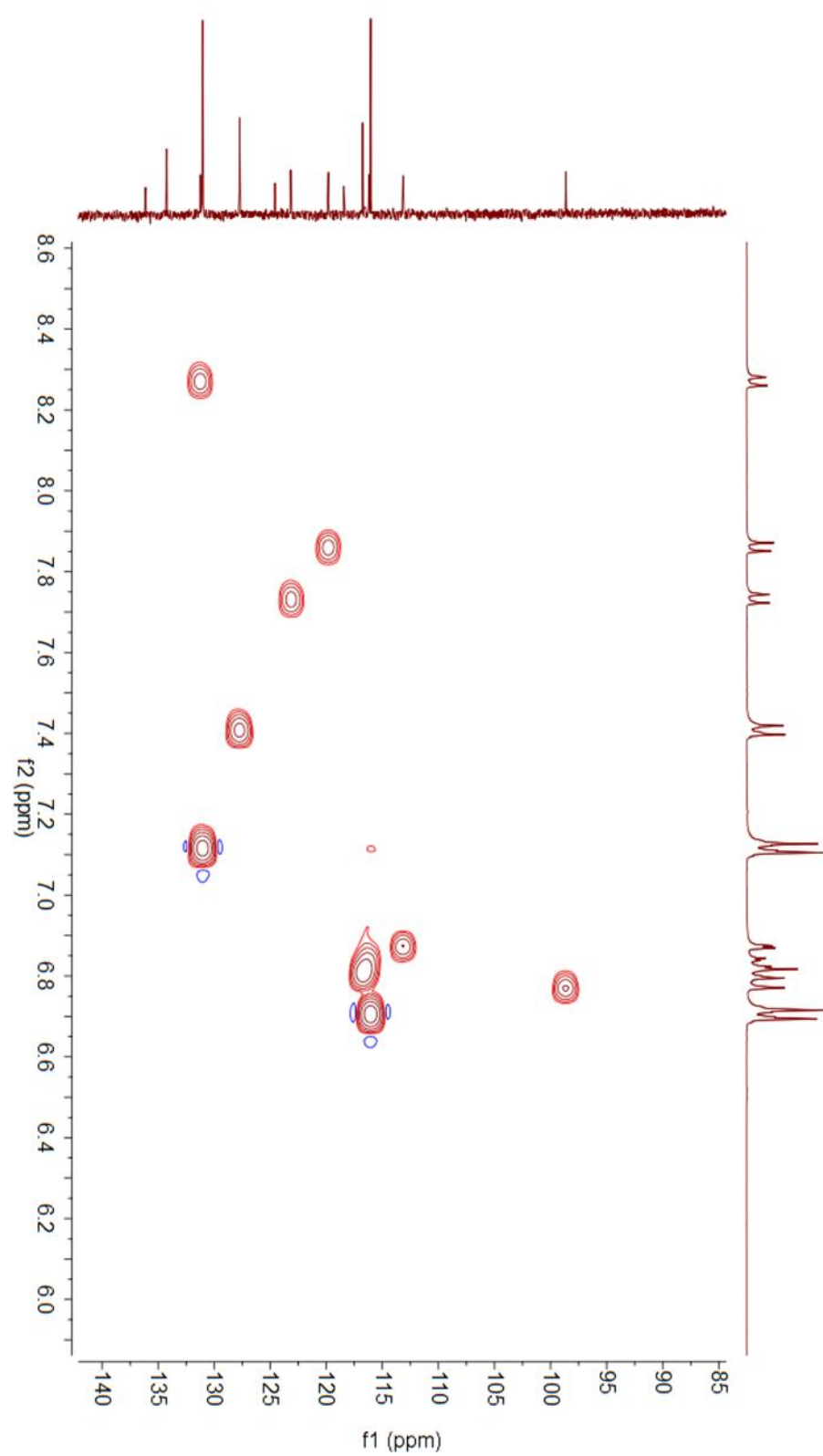
S7. ^{13}C NMR Spectrum of 5 in CD_3OD



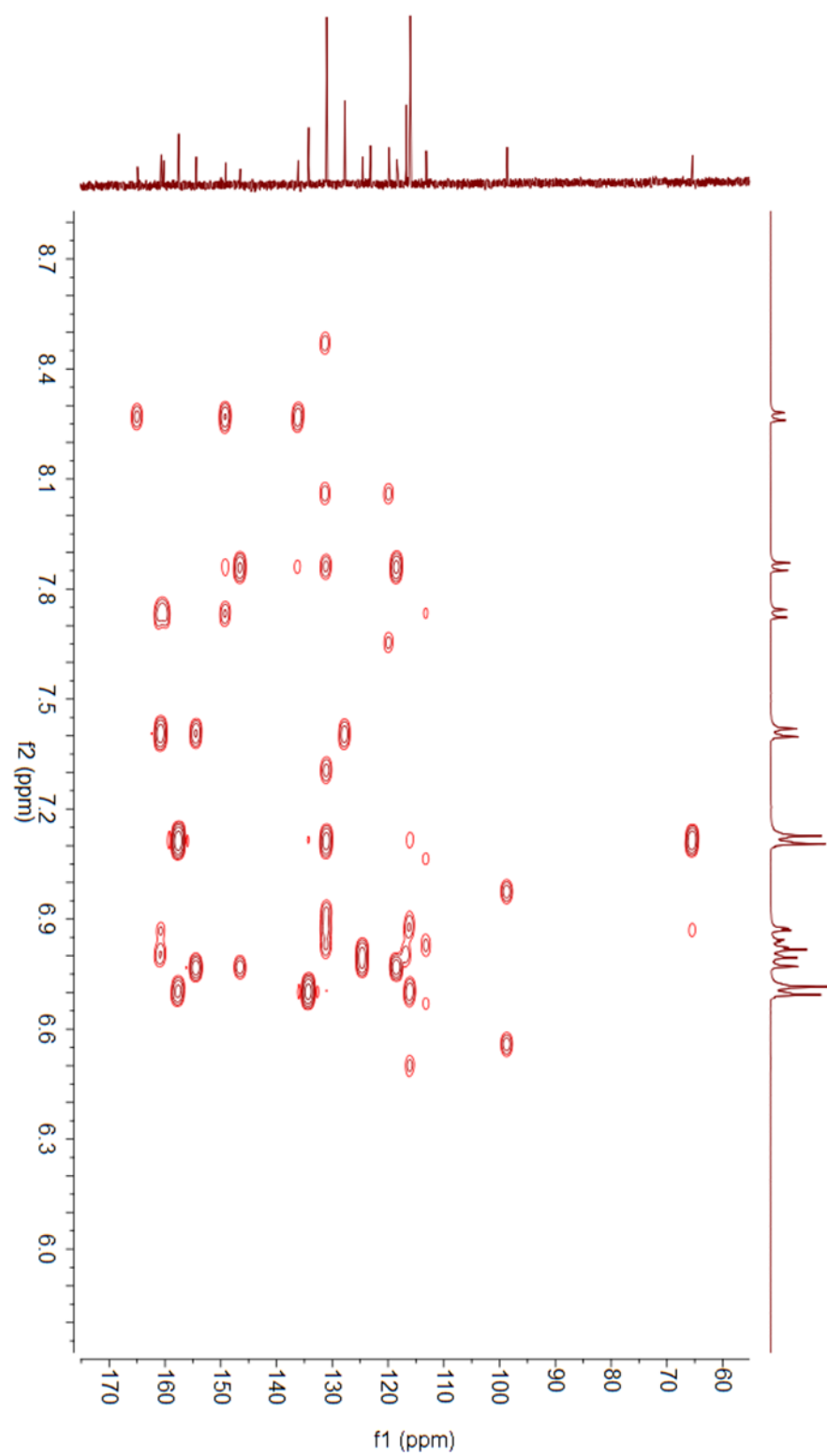
S8. ^1H - ^1H COSY Spectrum of **5** in CD_3OD



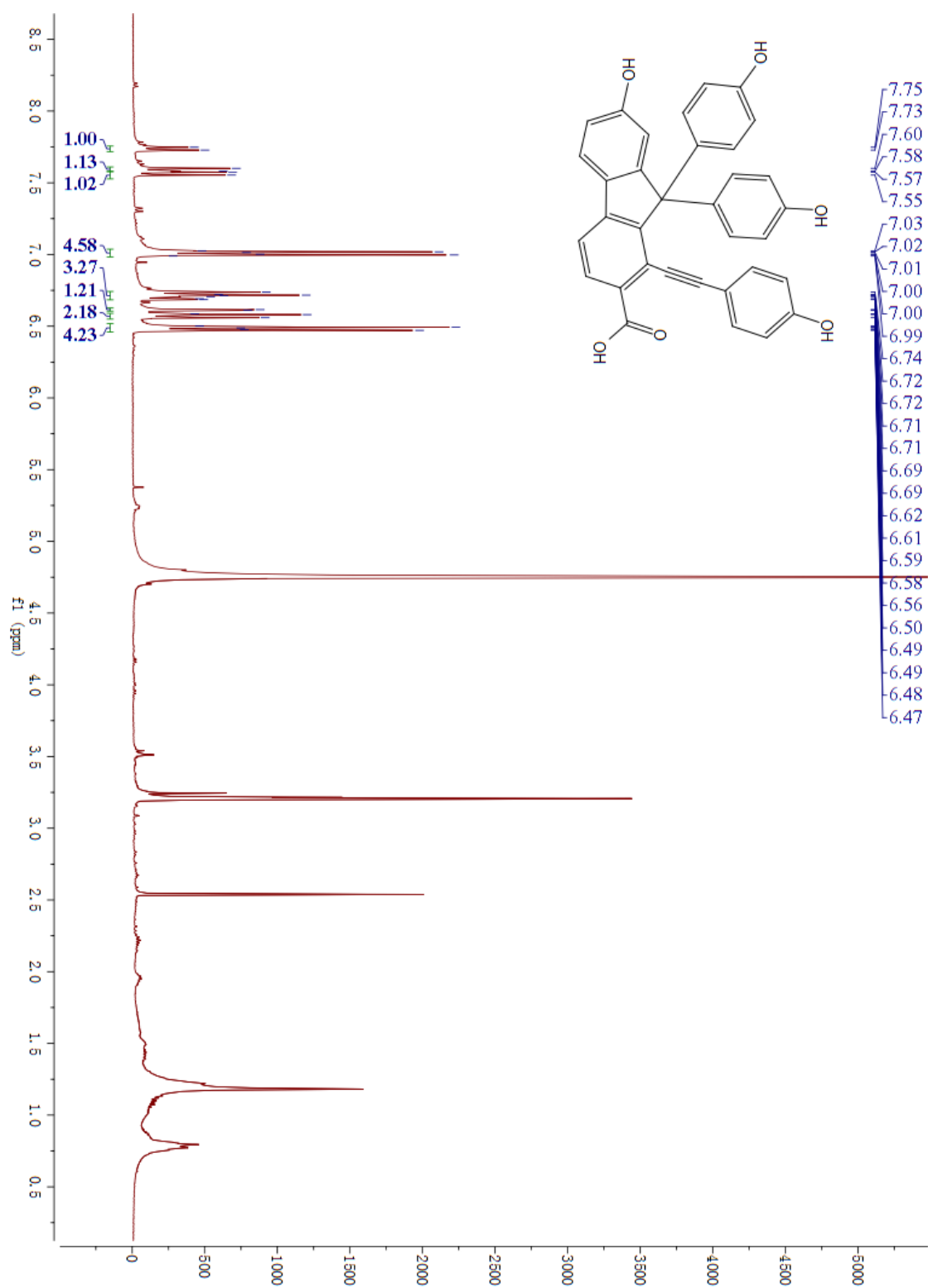
S9. HSQC Spectrum of **5** in CD₃OD



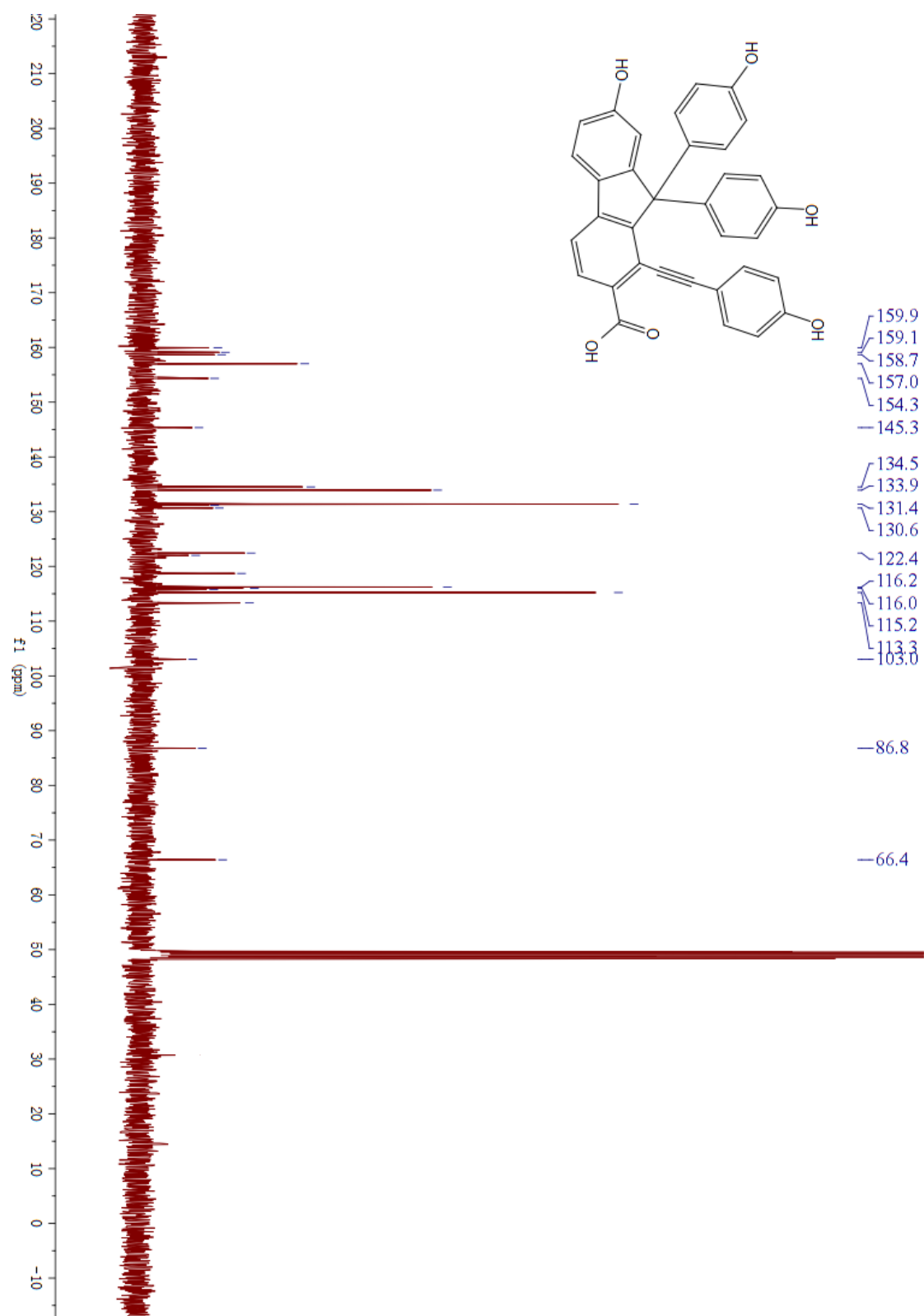
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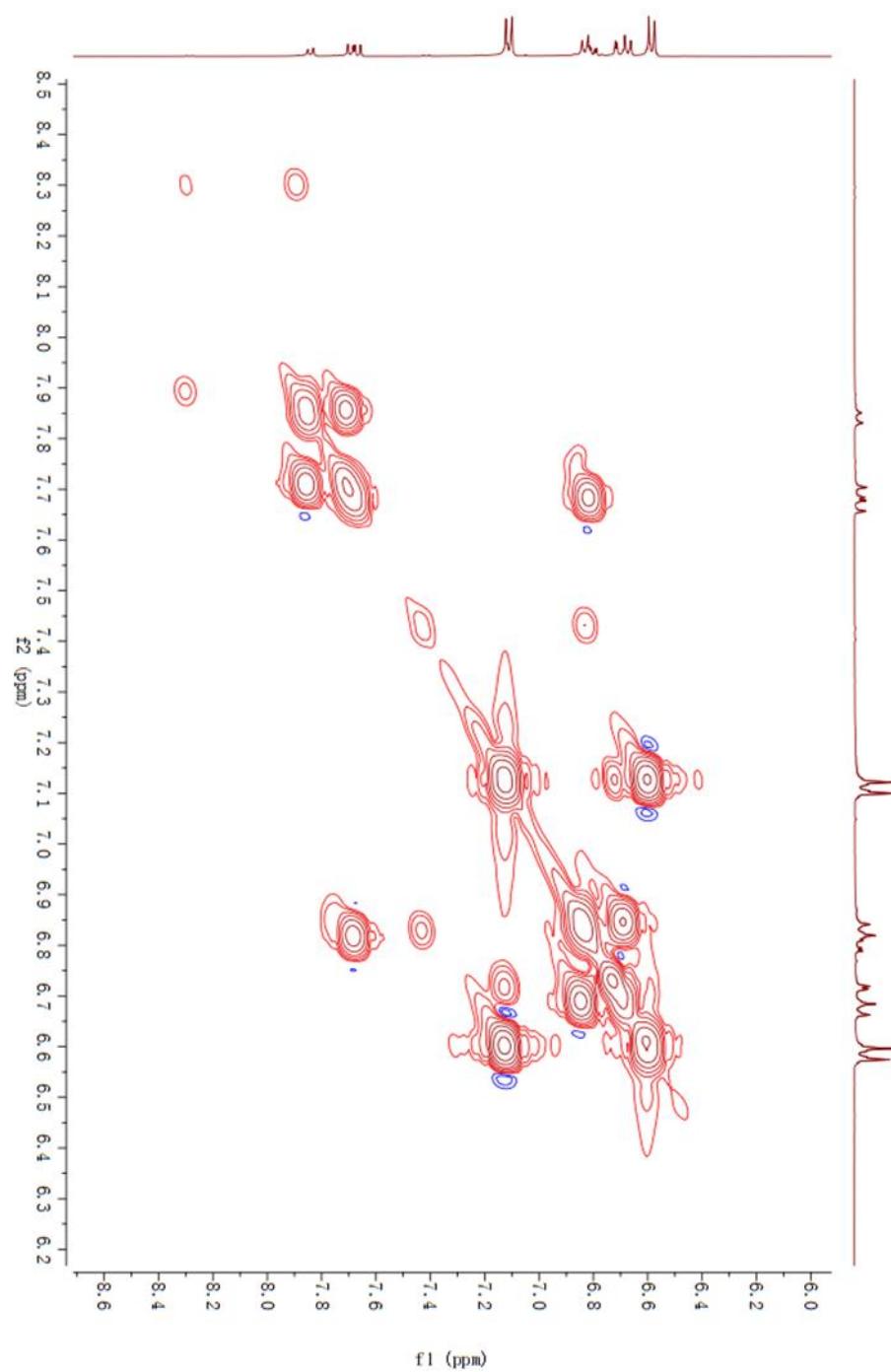
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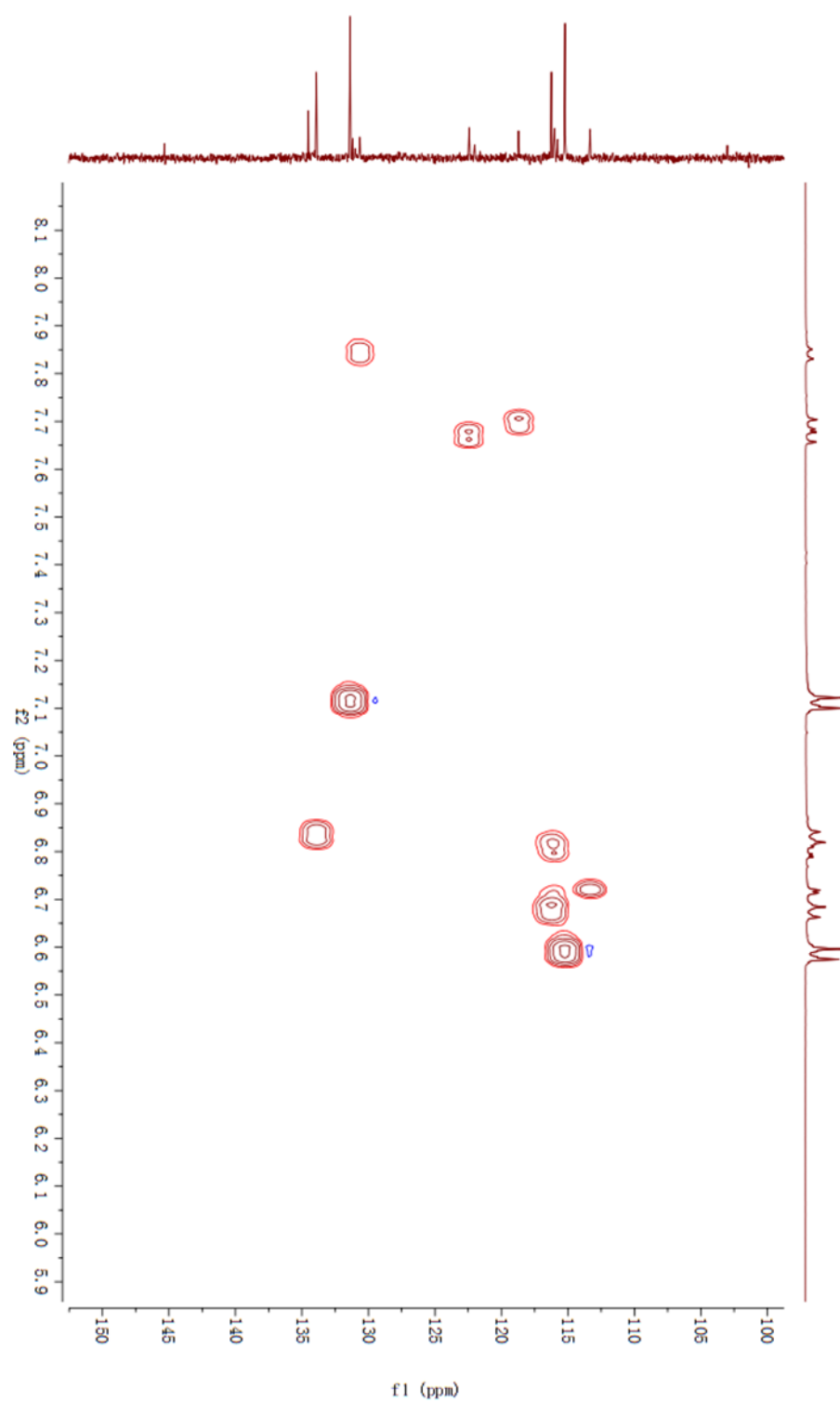
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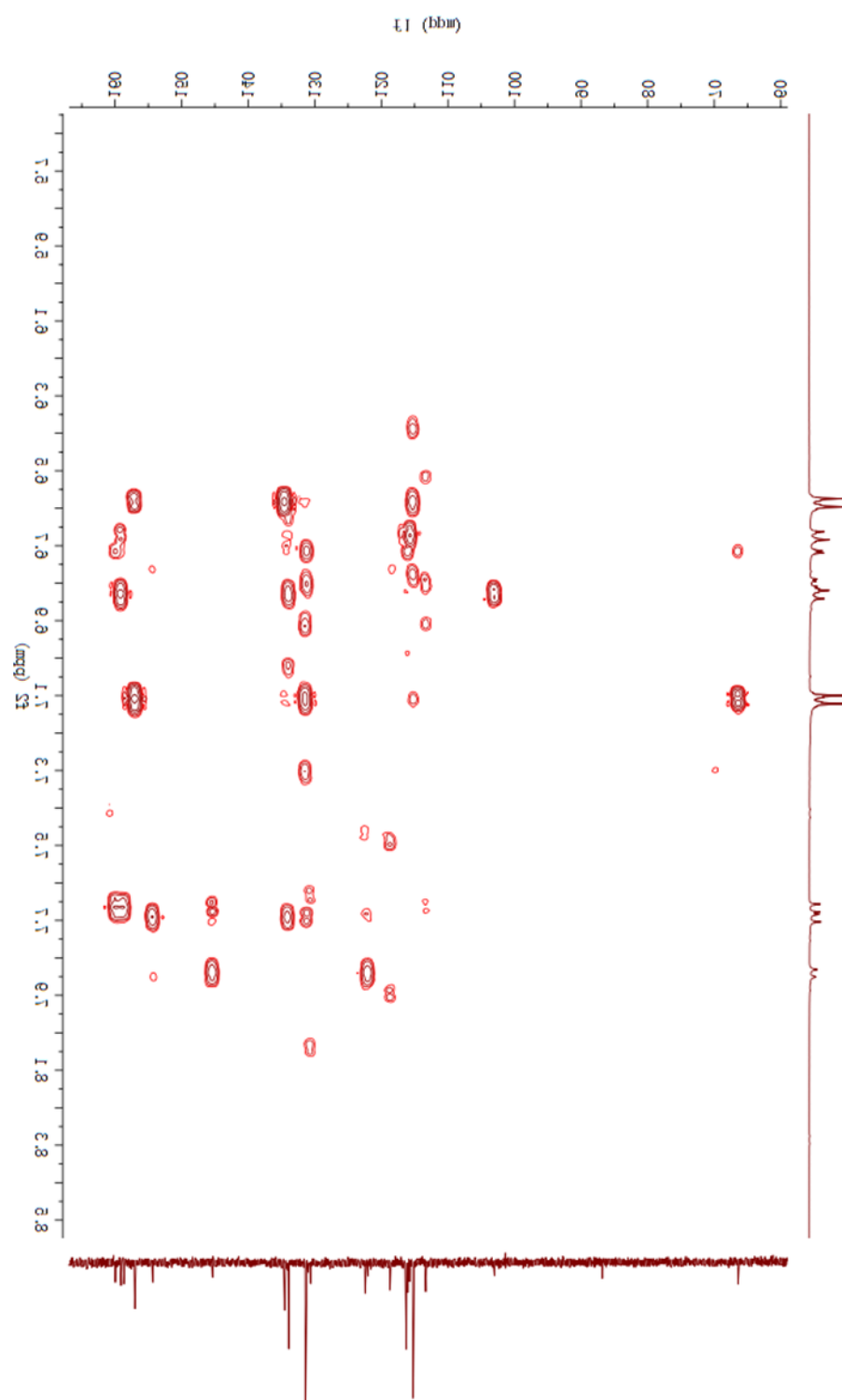
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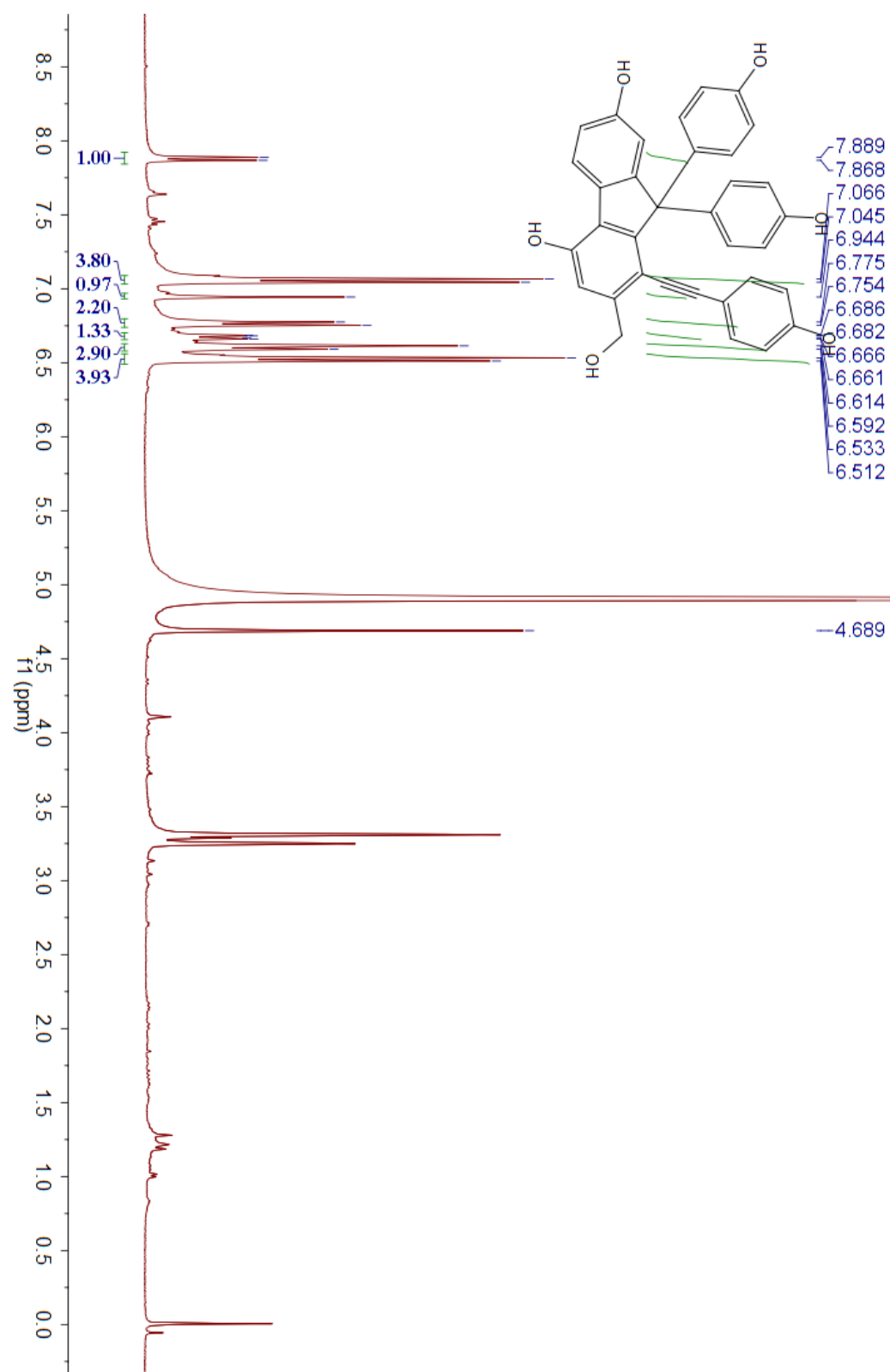
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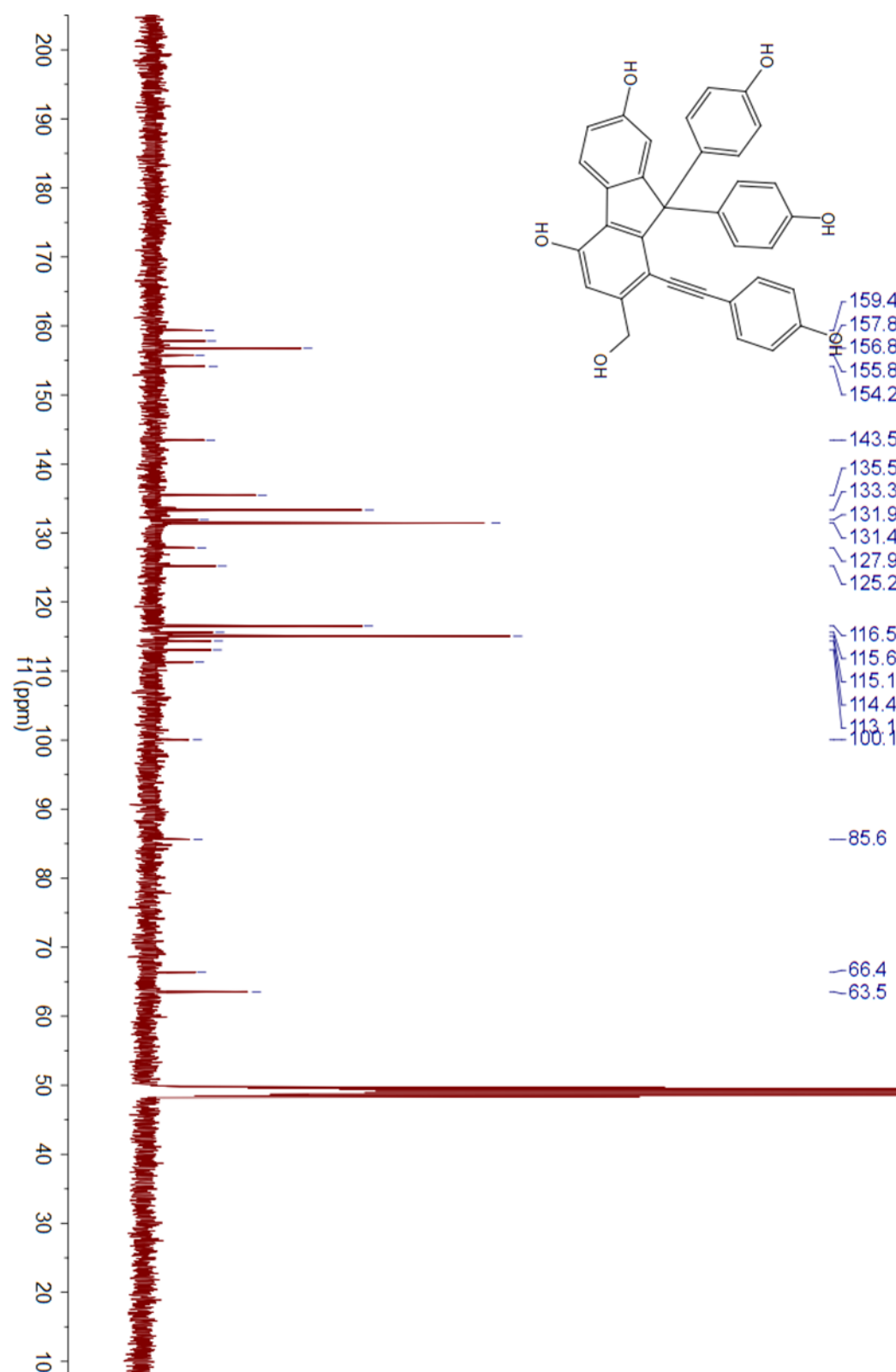
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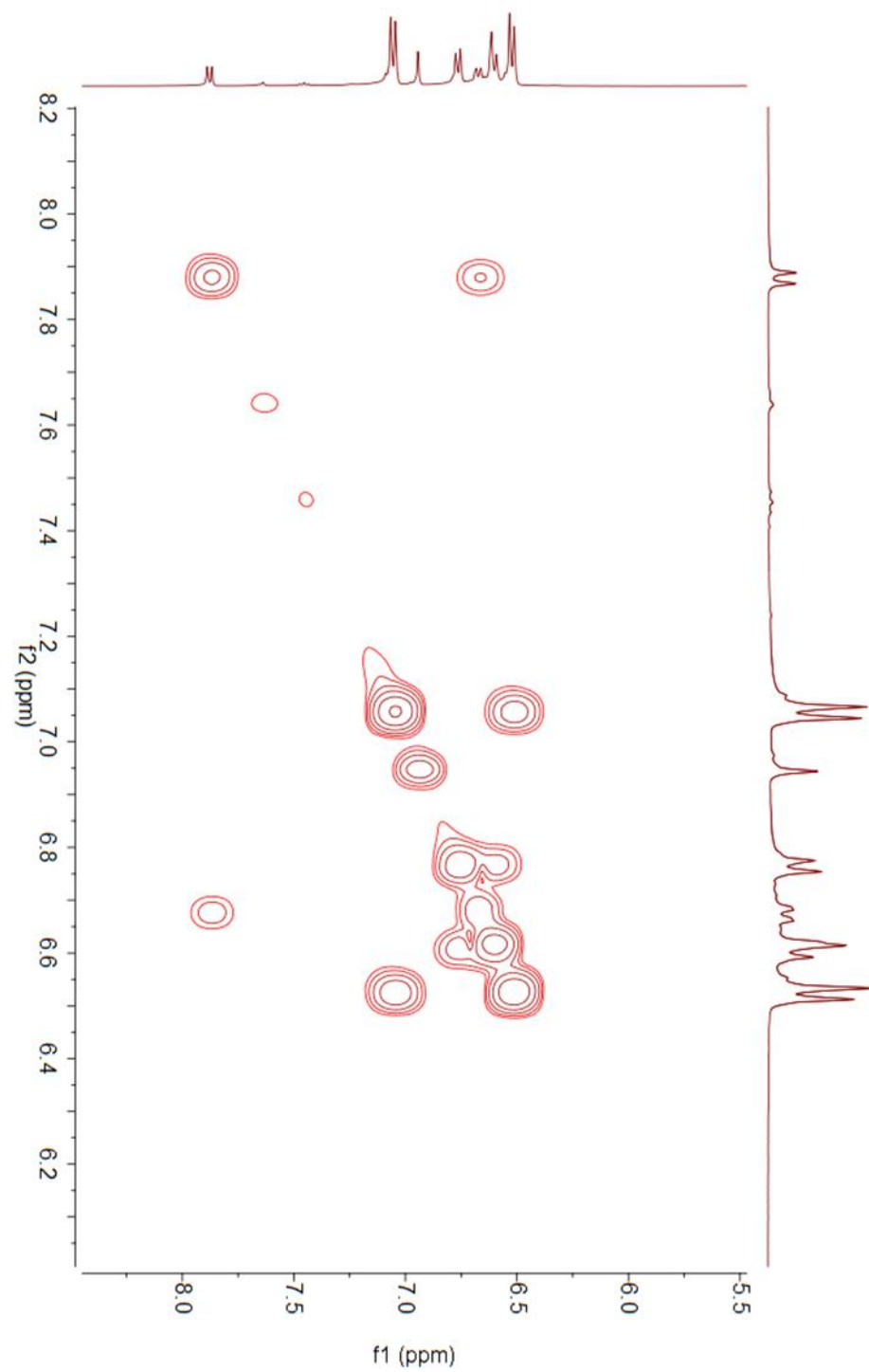
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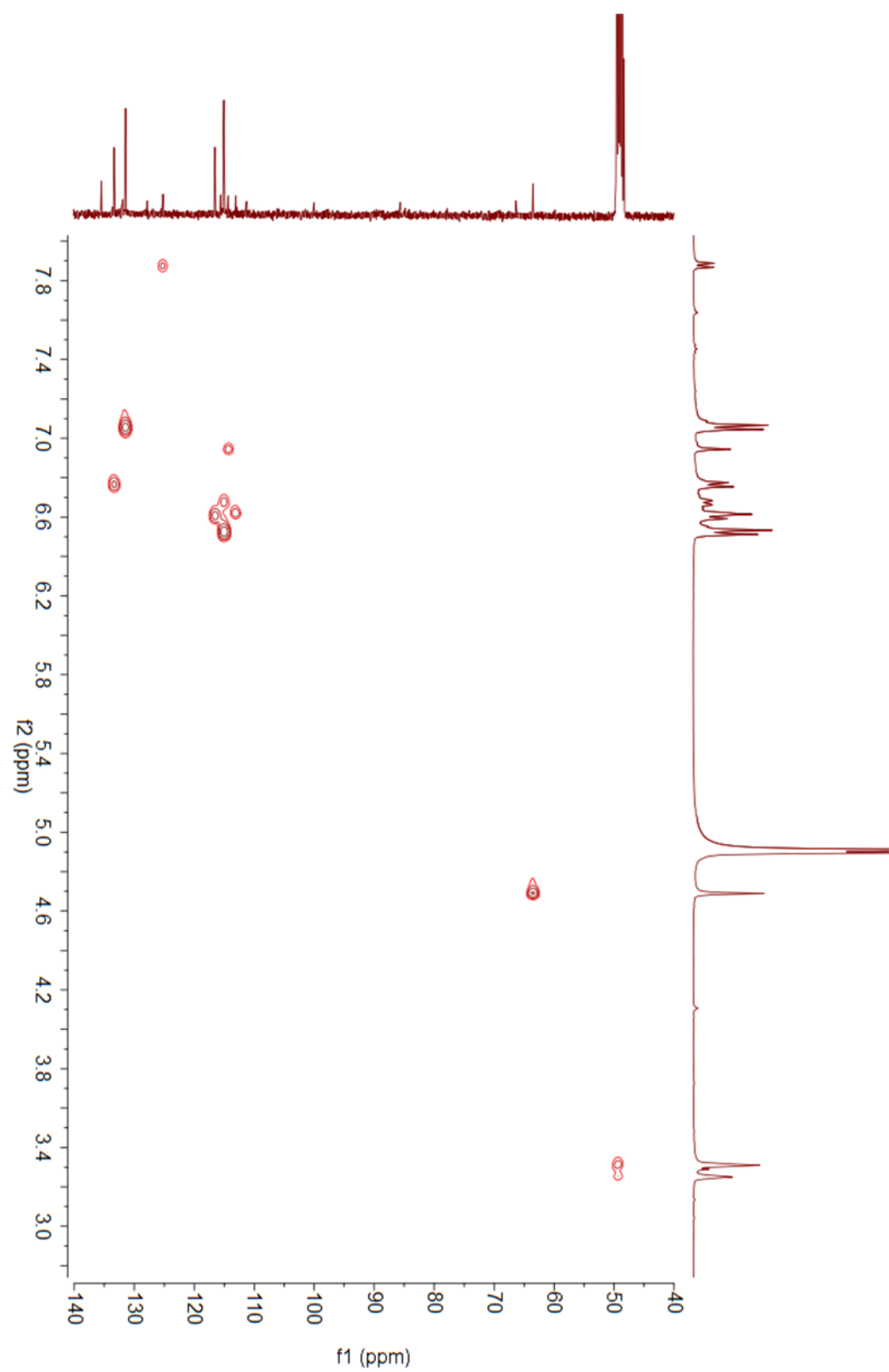
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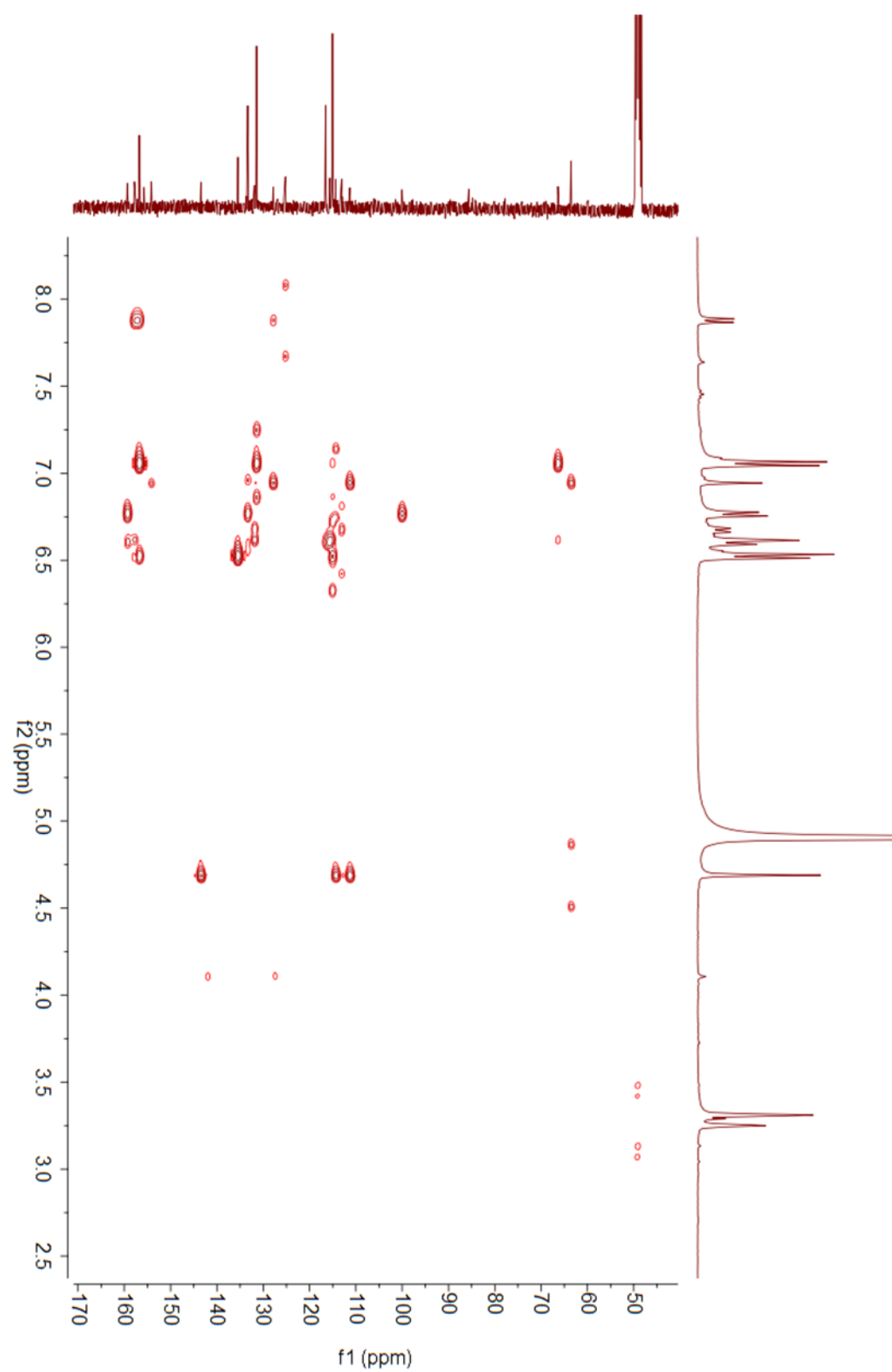
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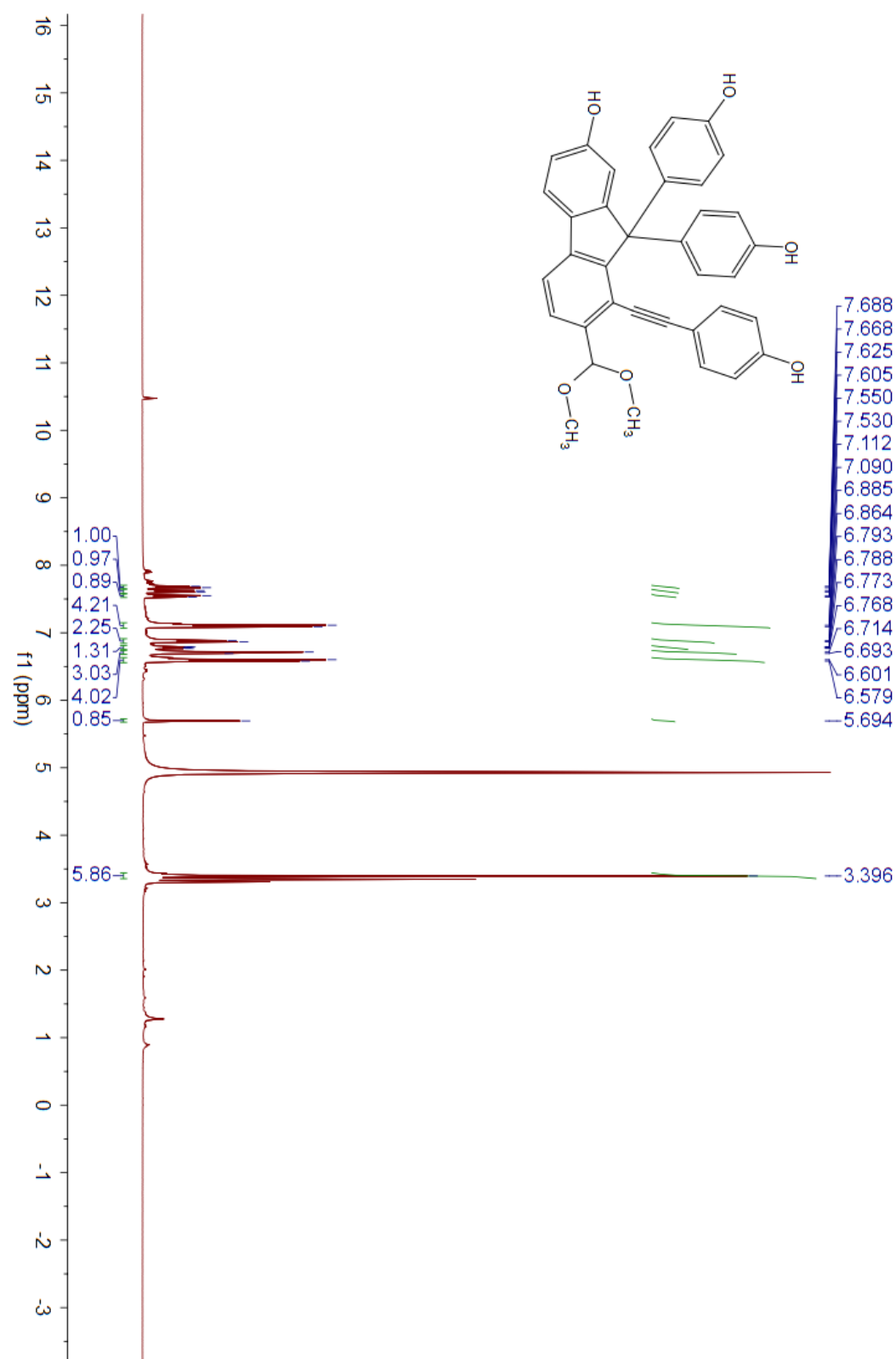
S19. HSQC Spectrum of **7** in CD₃OD



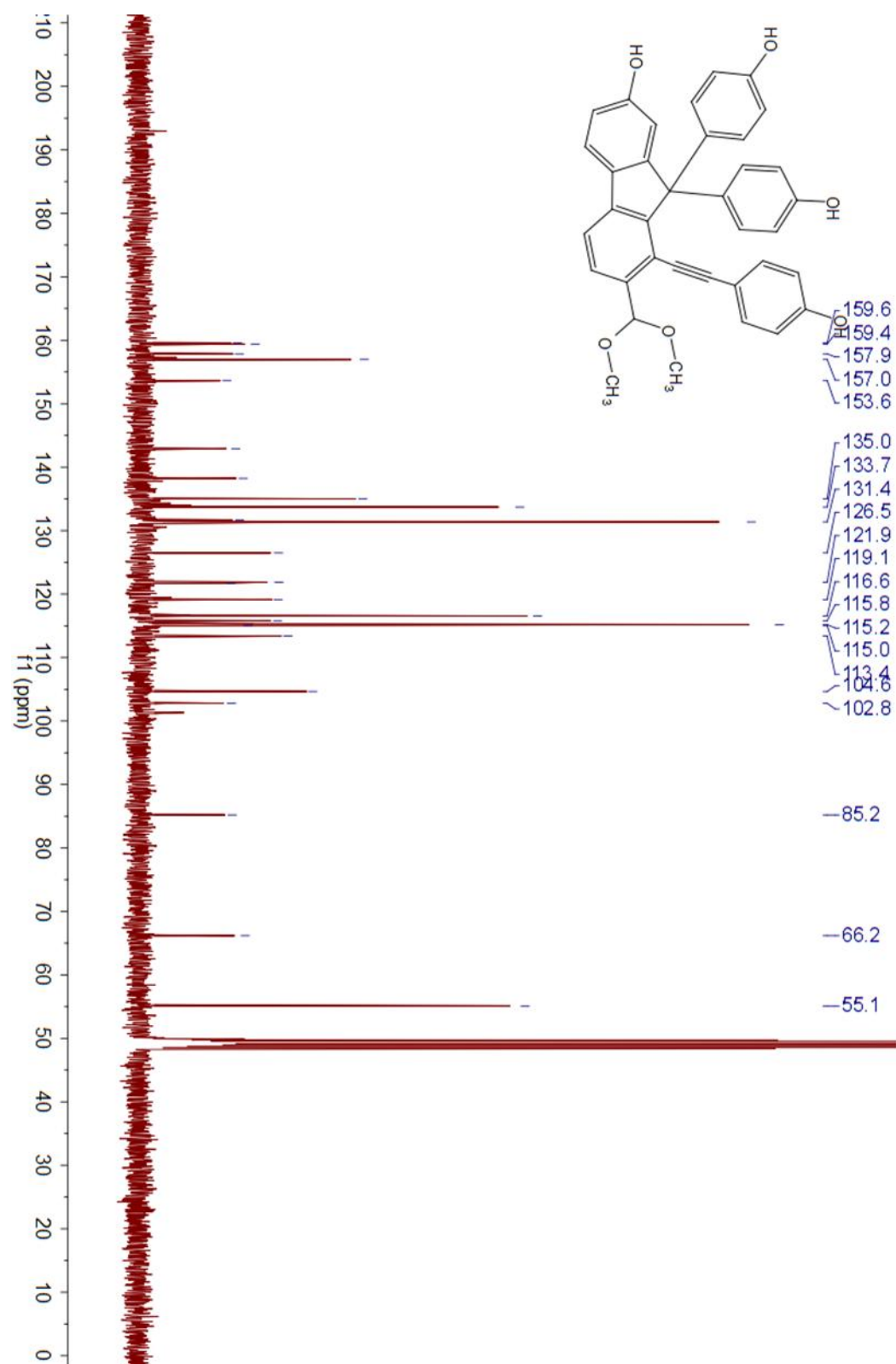
S20. HMBC Spectrum of **7** in CD₃OD



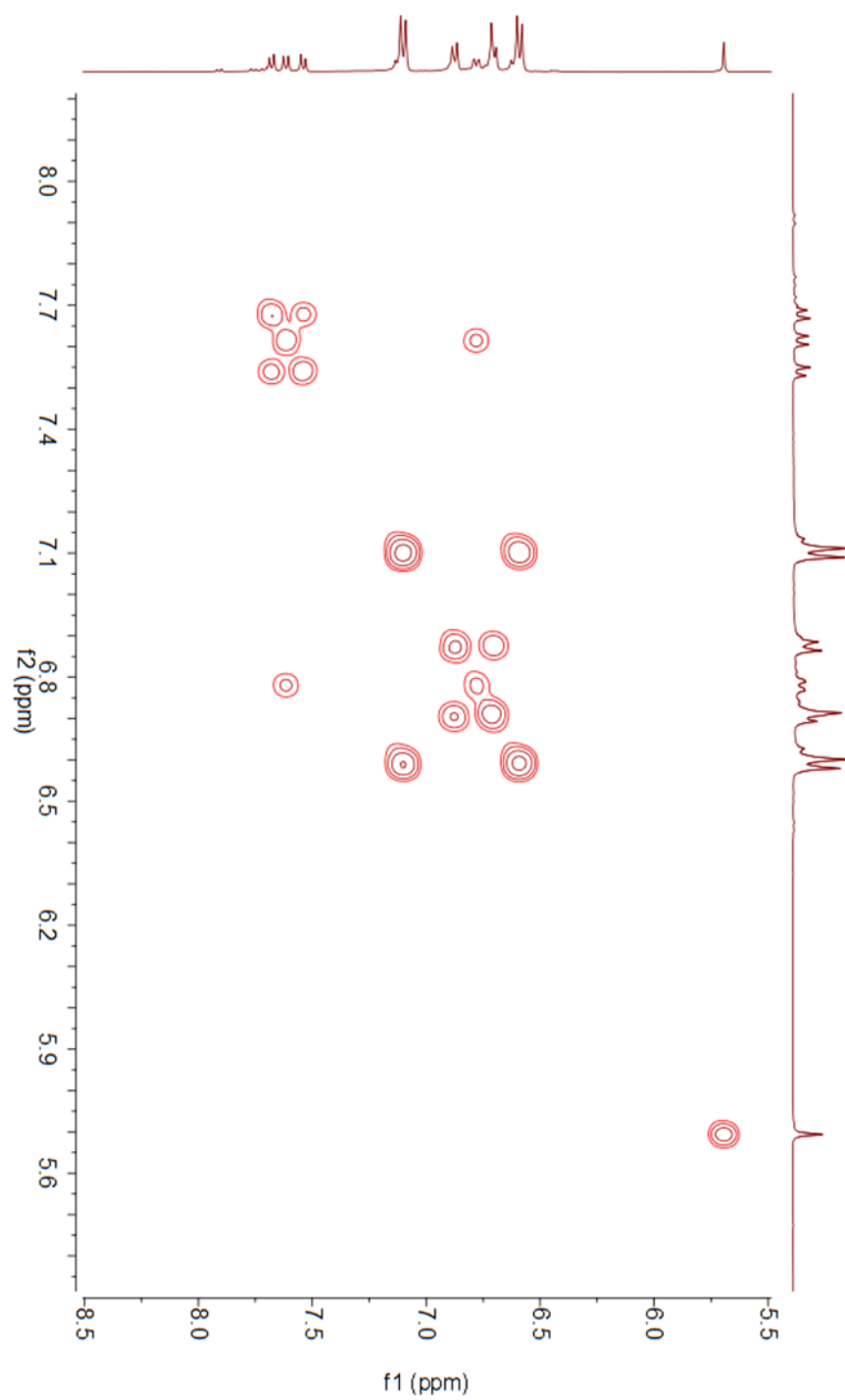
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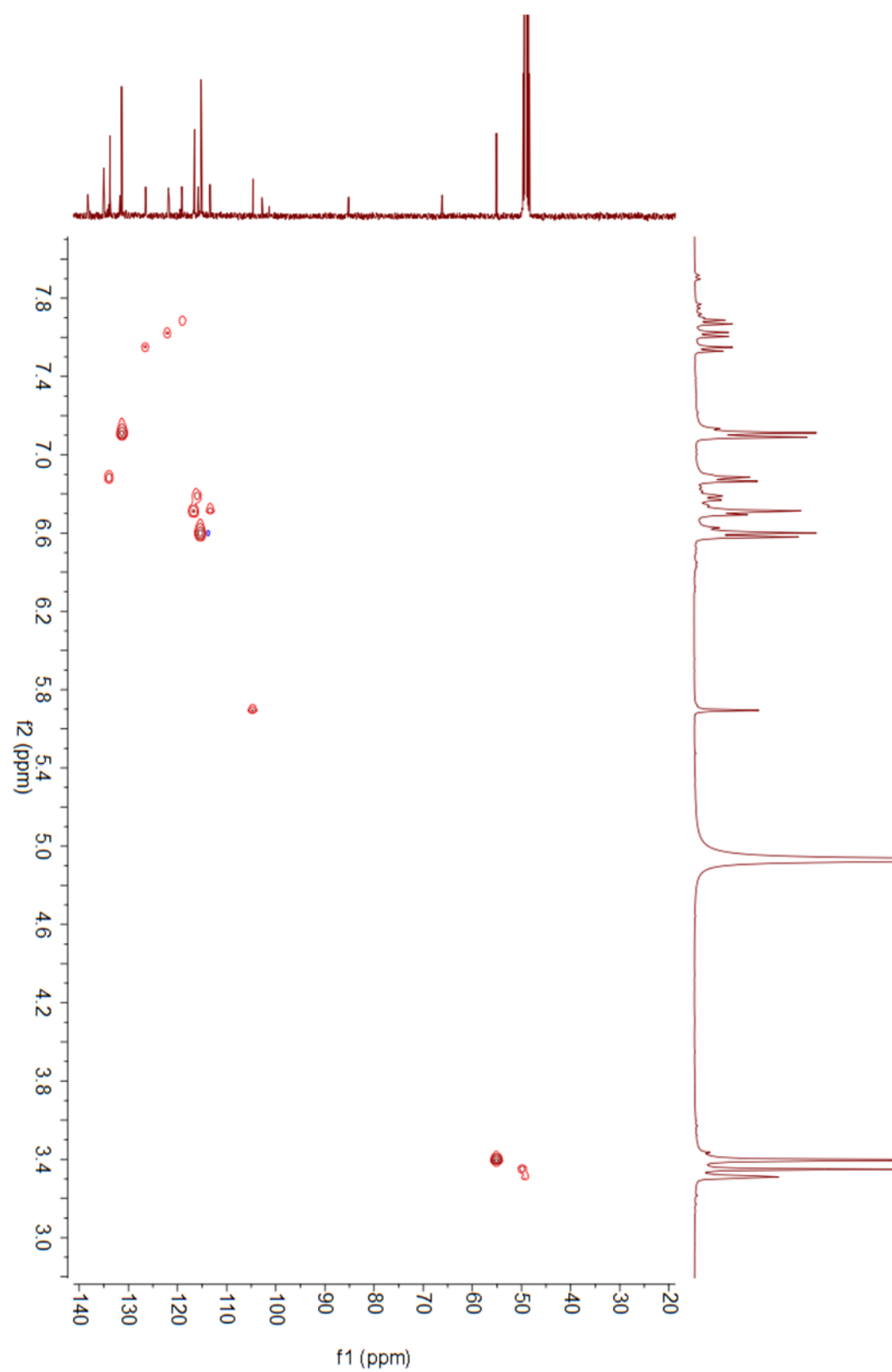
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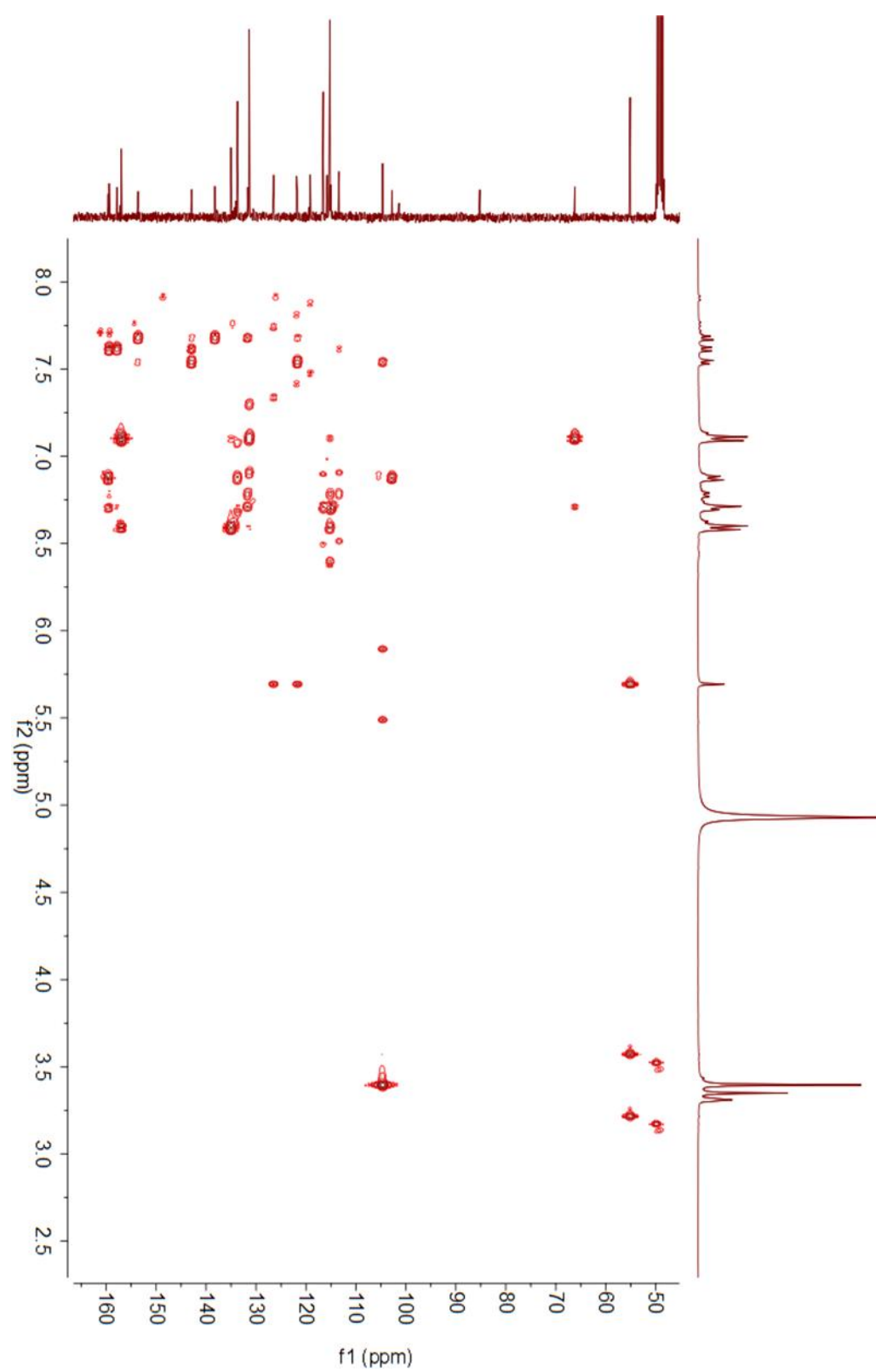
S23. ^1H - ^1H COSY Spectrum of **8** in CD_3OD



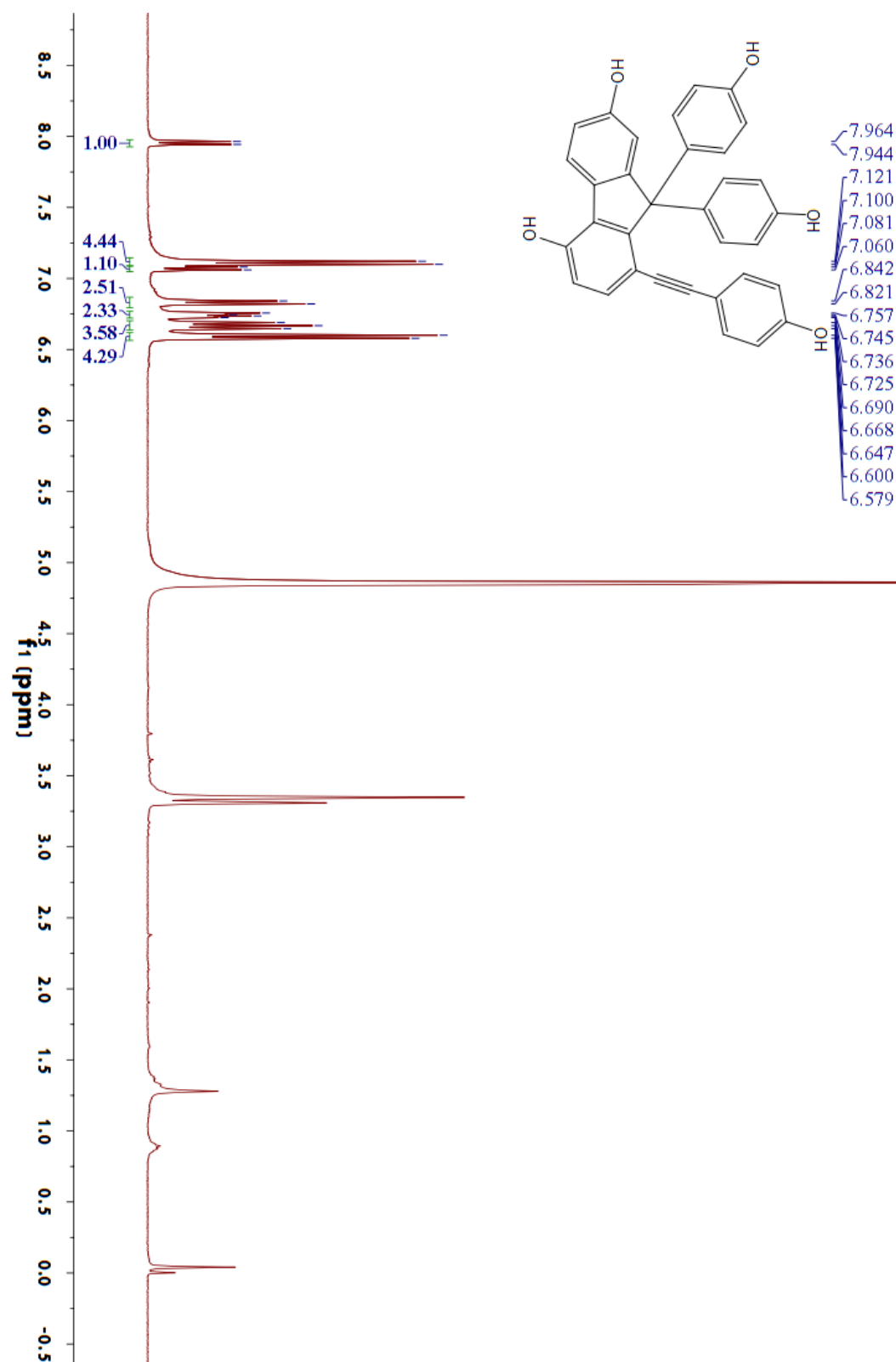
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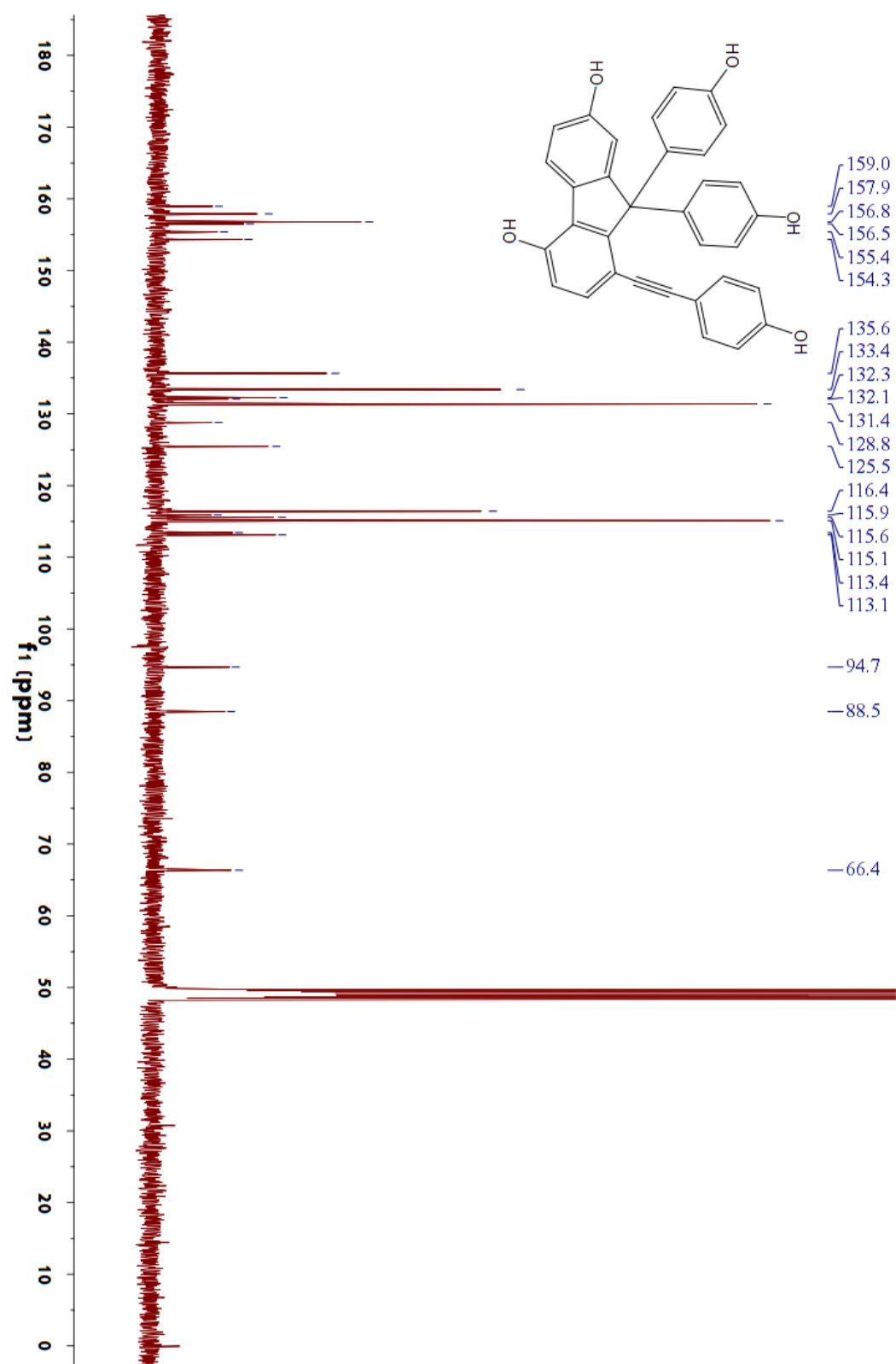
S25. HMBC Spectrum of **8** in CD₃OD



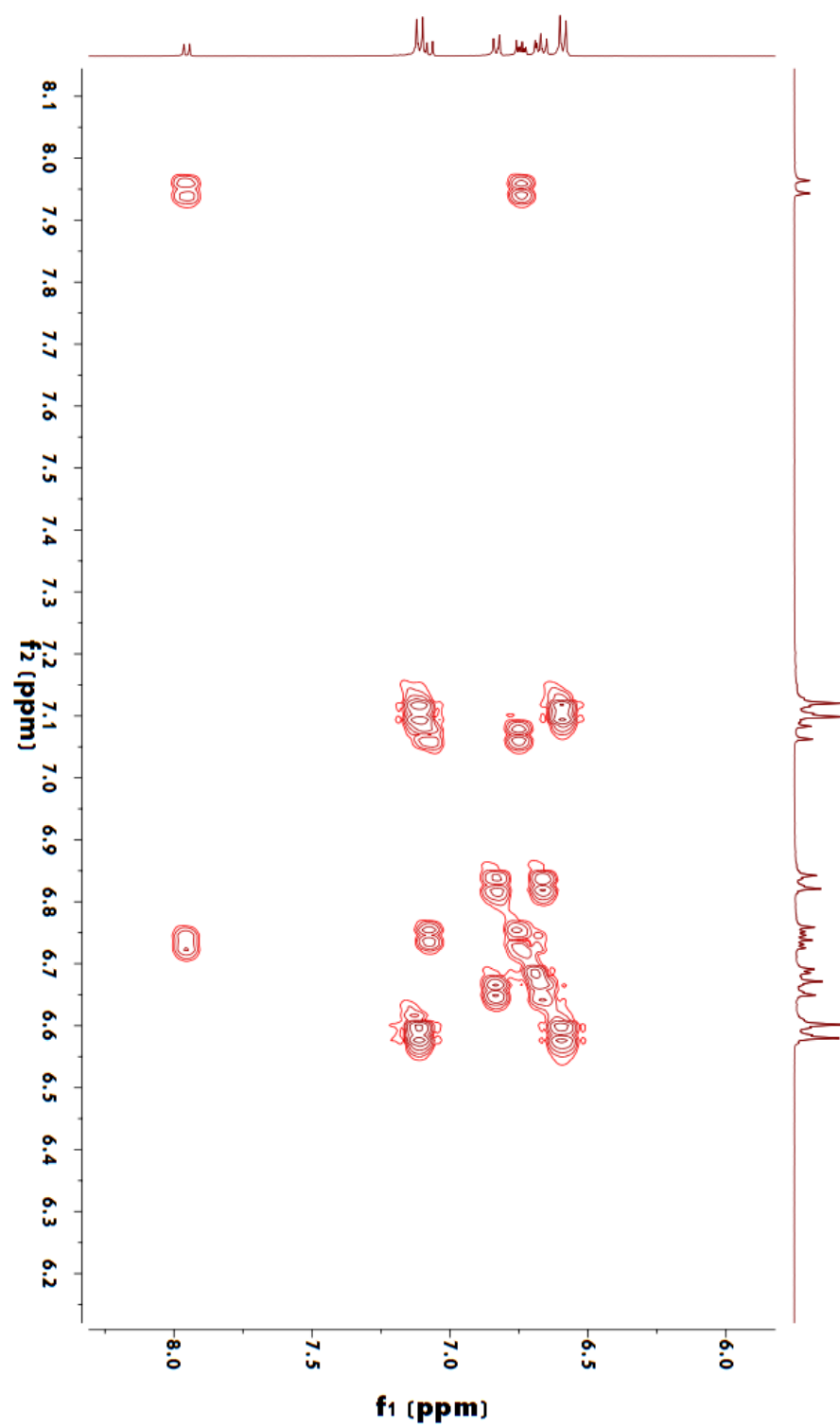
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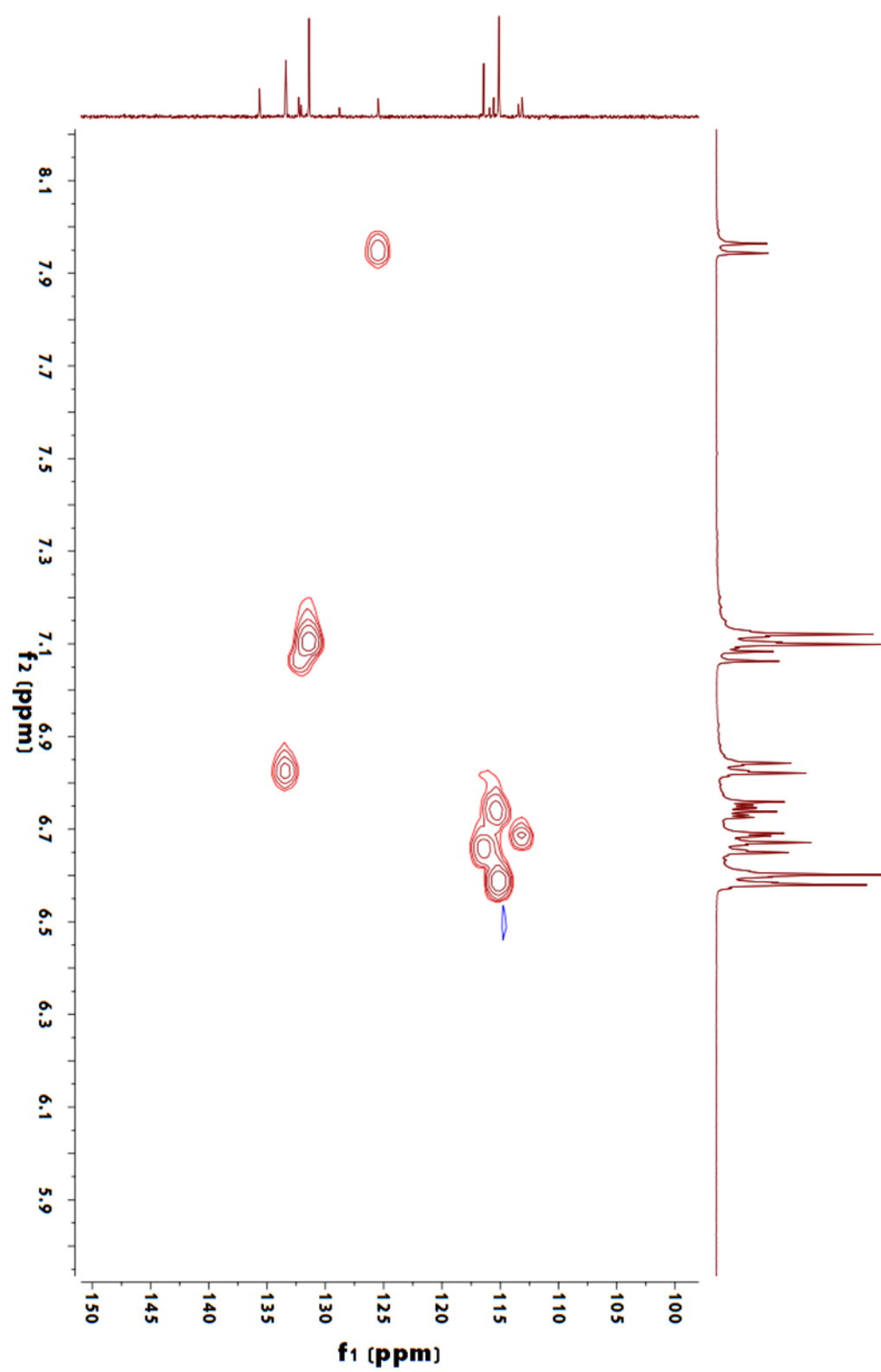
S27. ^{13}C NMR Spectrum of **9** in CD_3OD



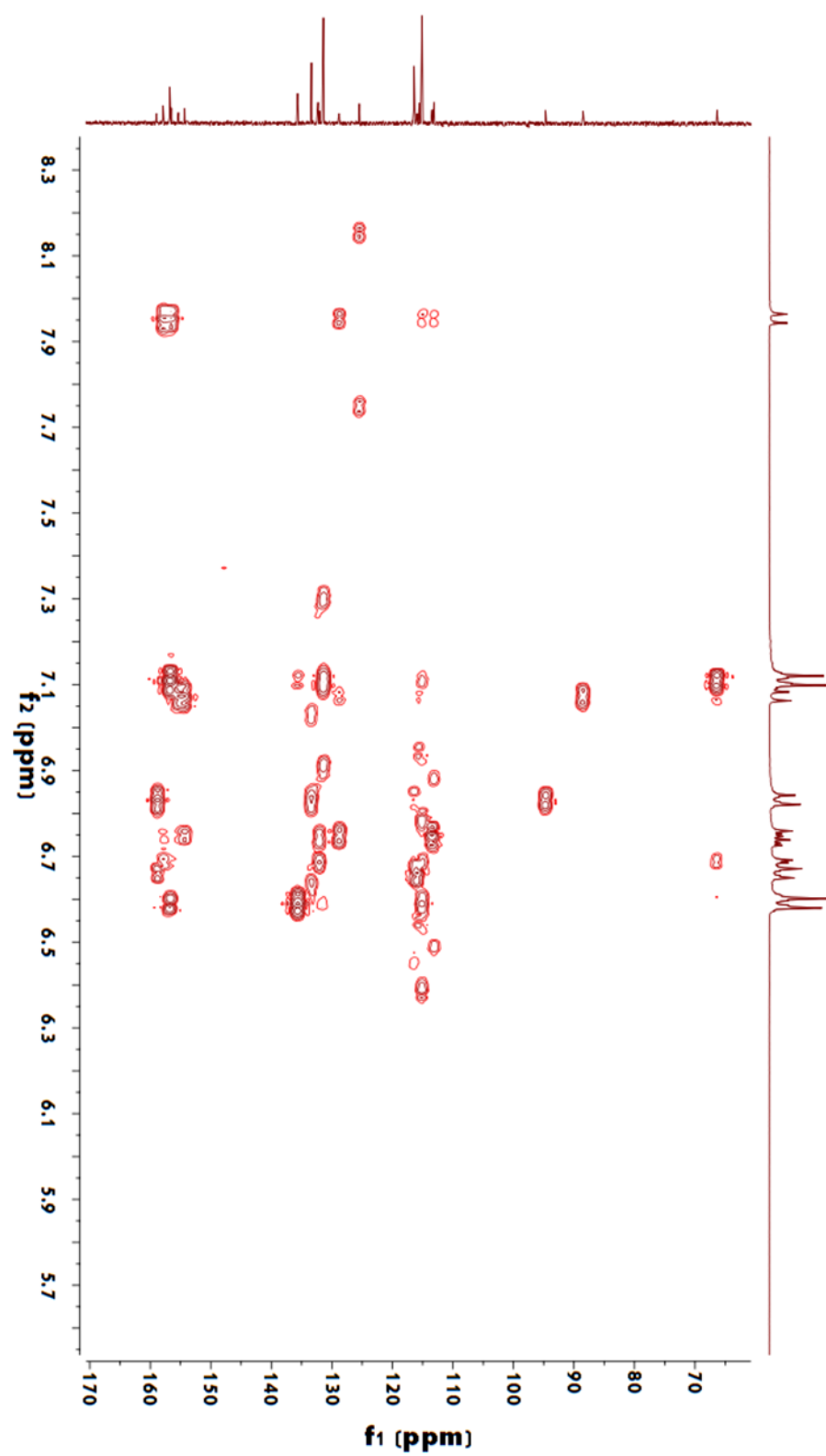
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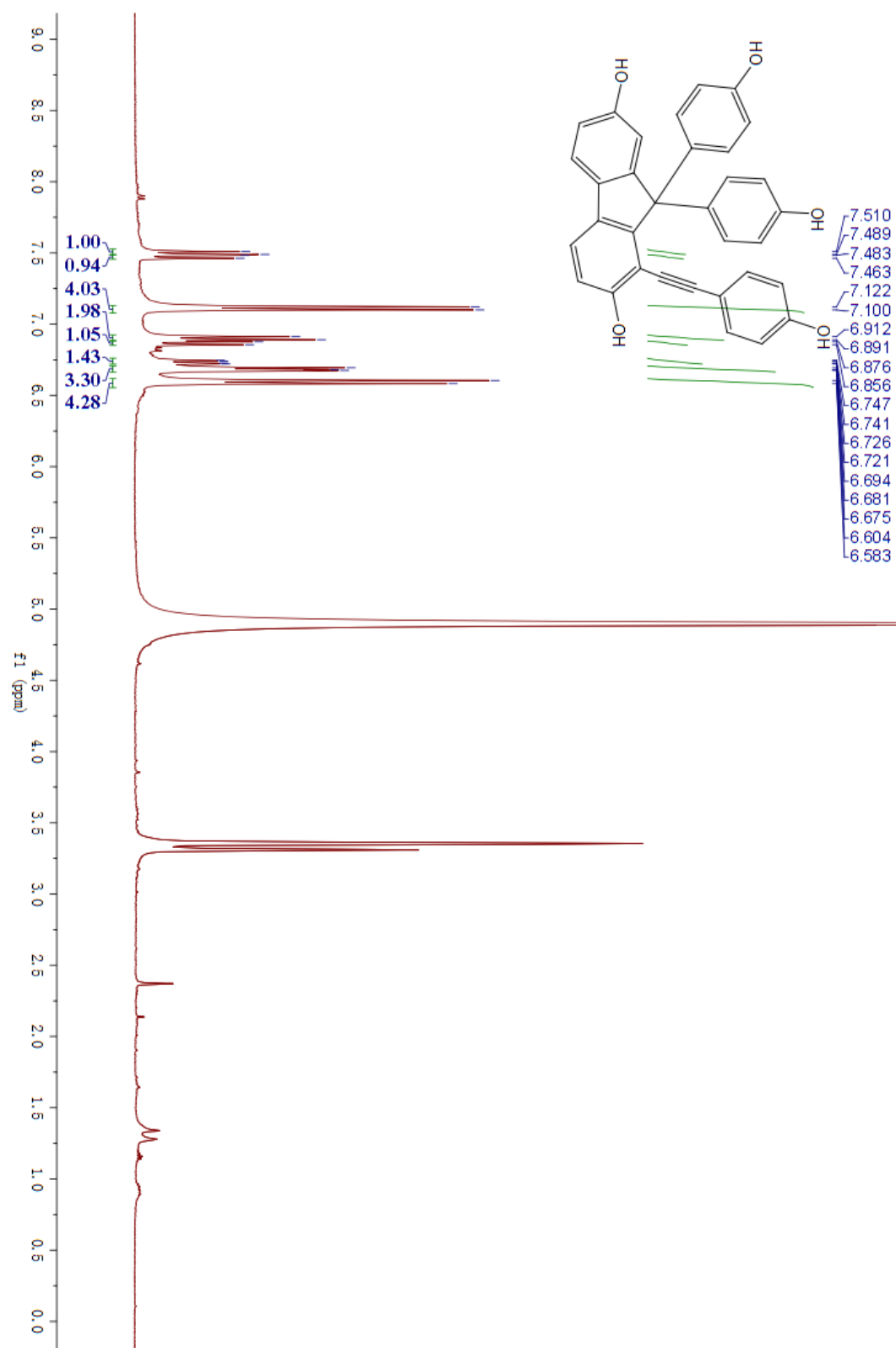
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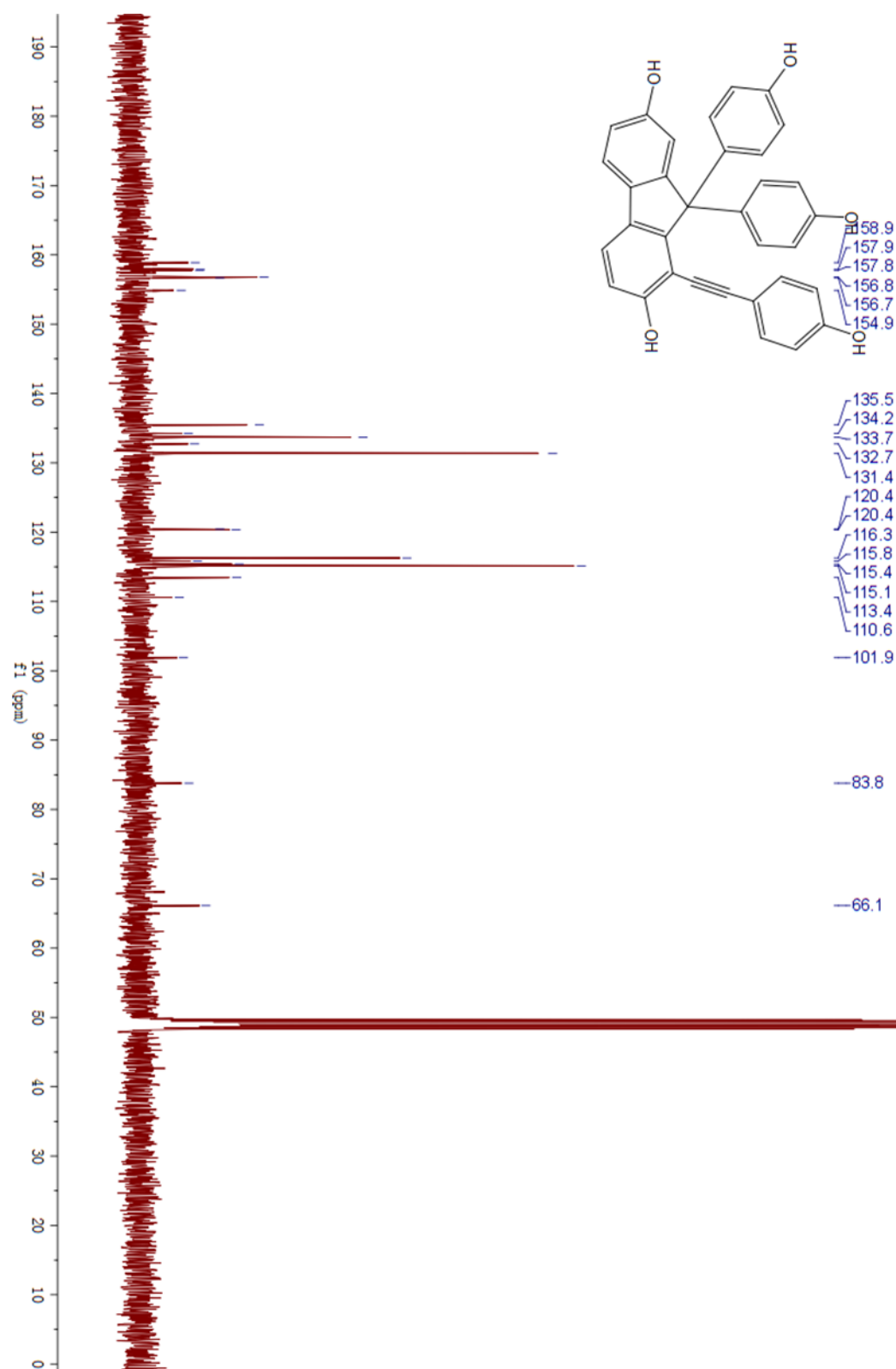
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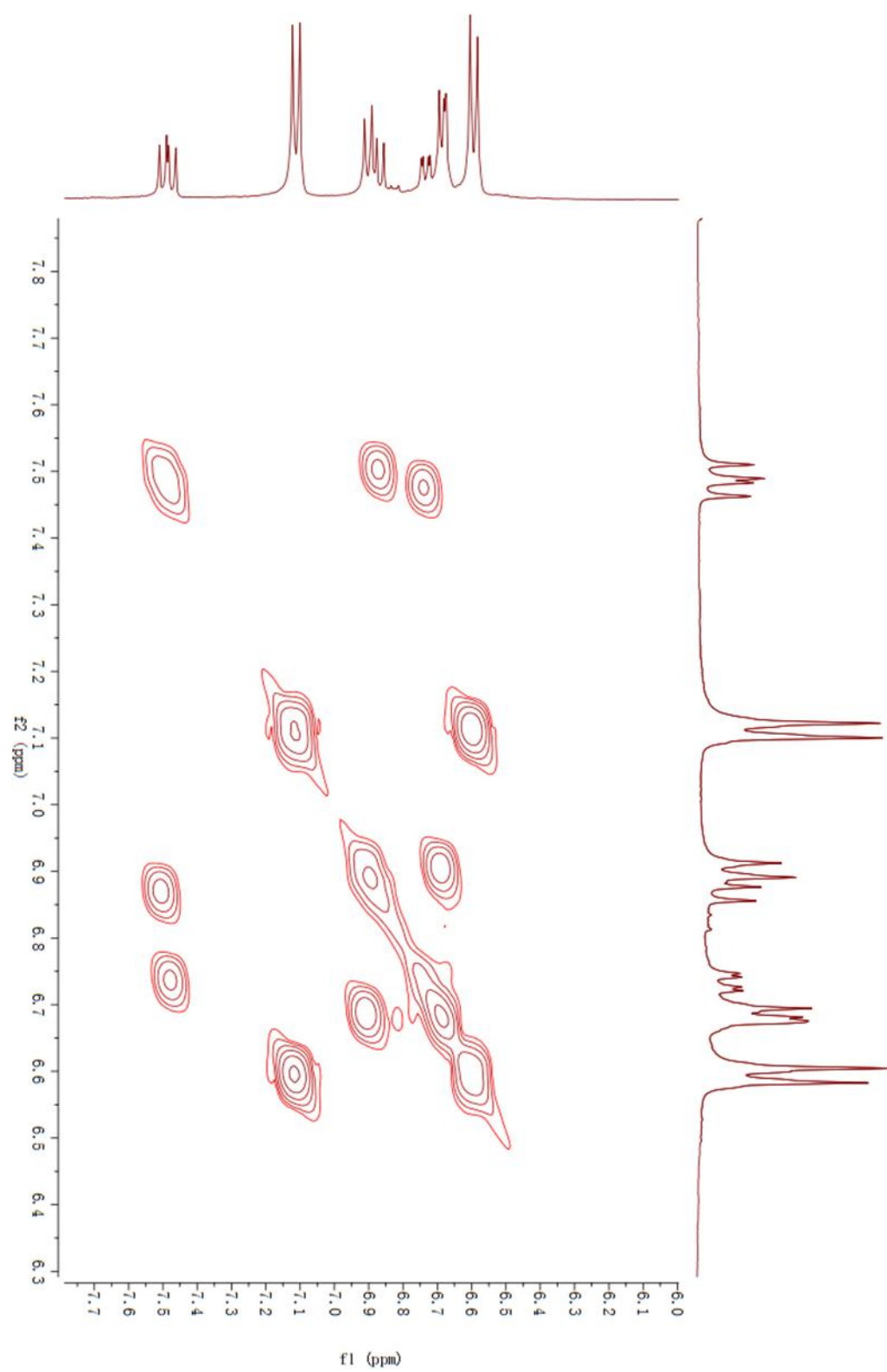
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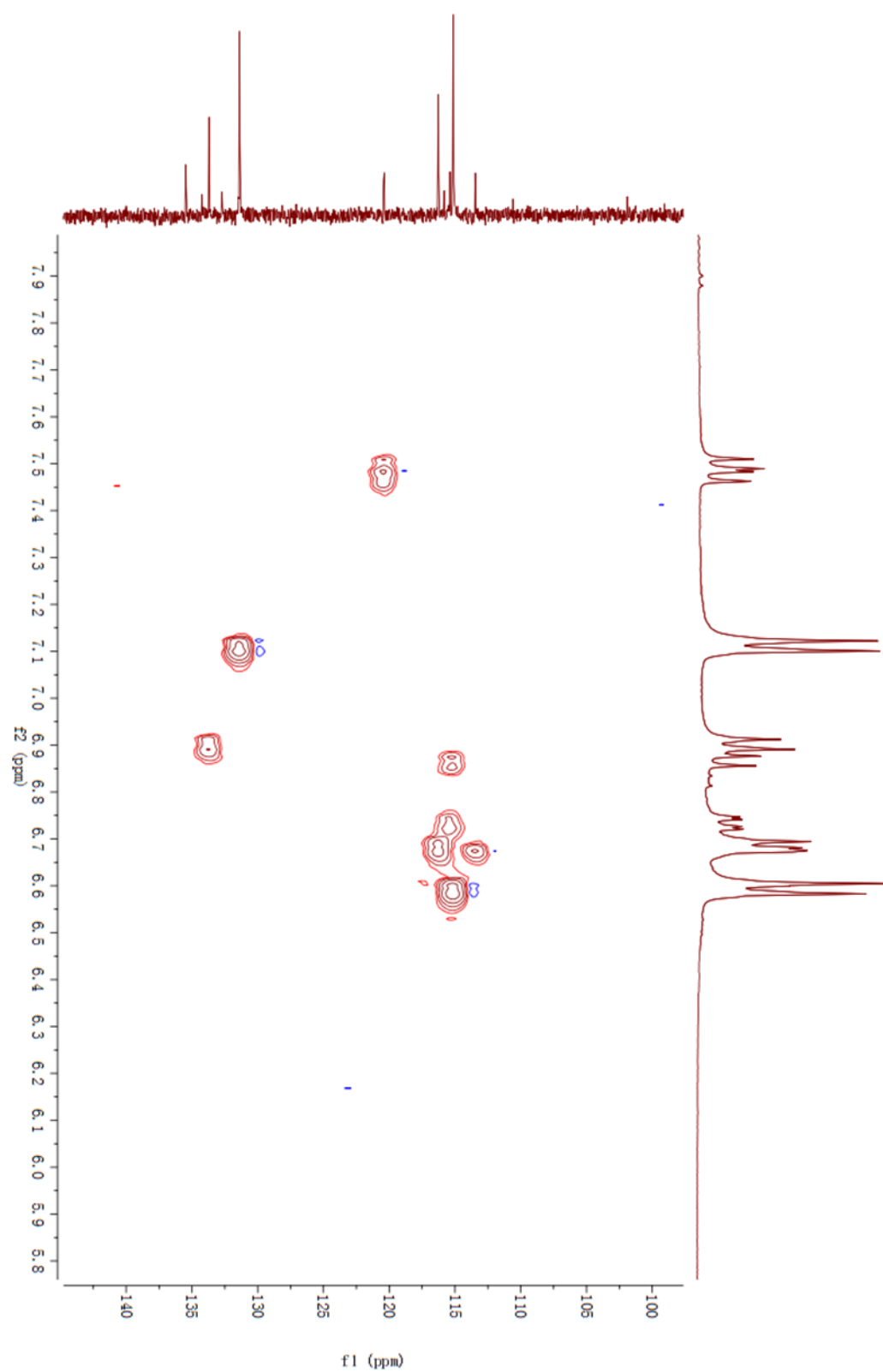
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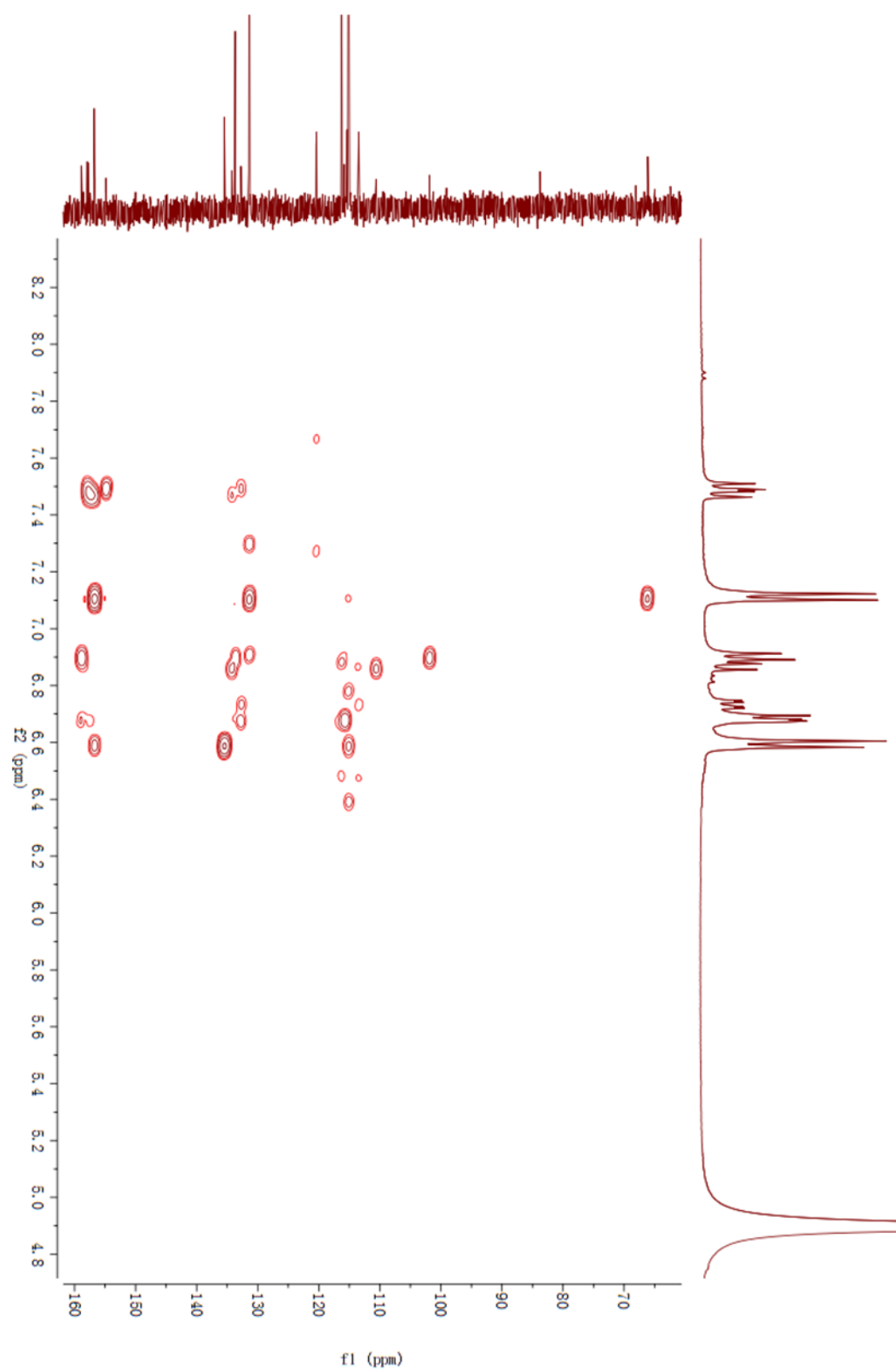
S33. ^1H - ^1H COSY Spectrum of **10** in CD_3OD



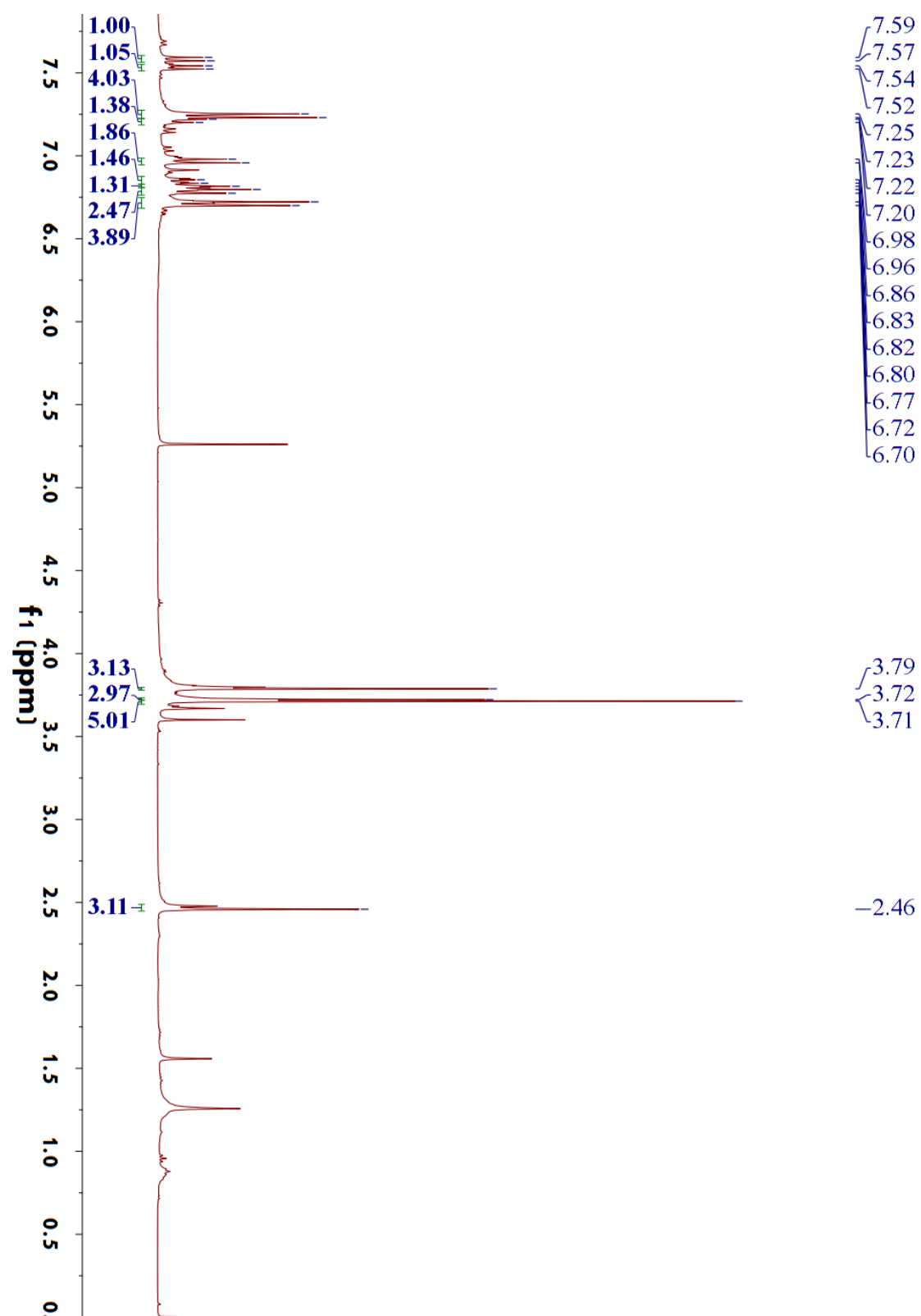
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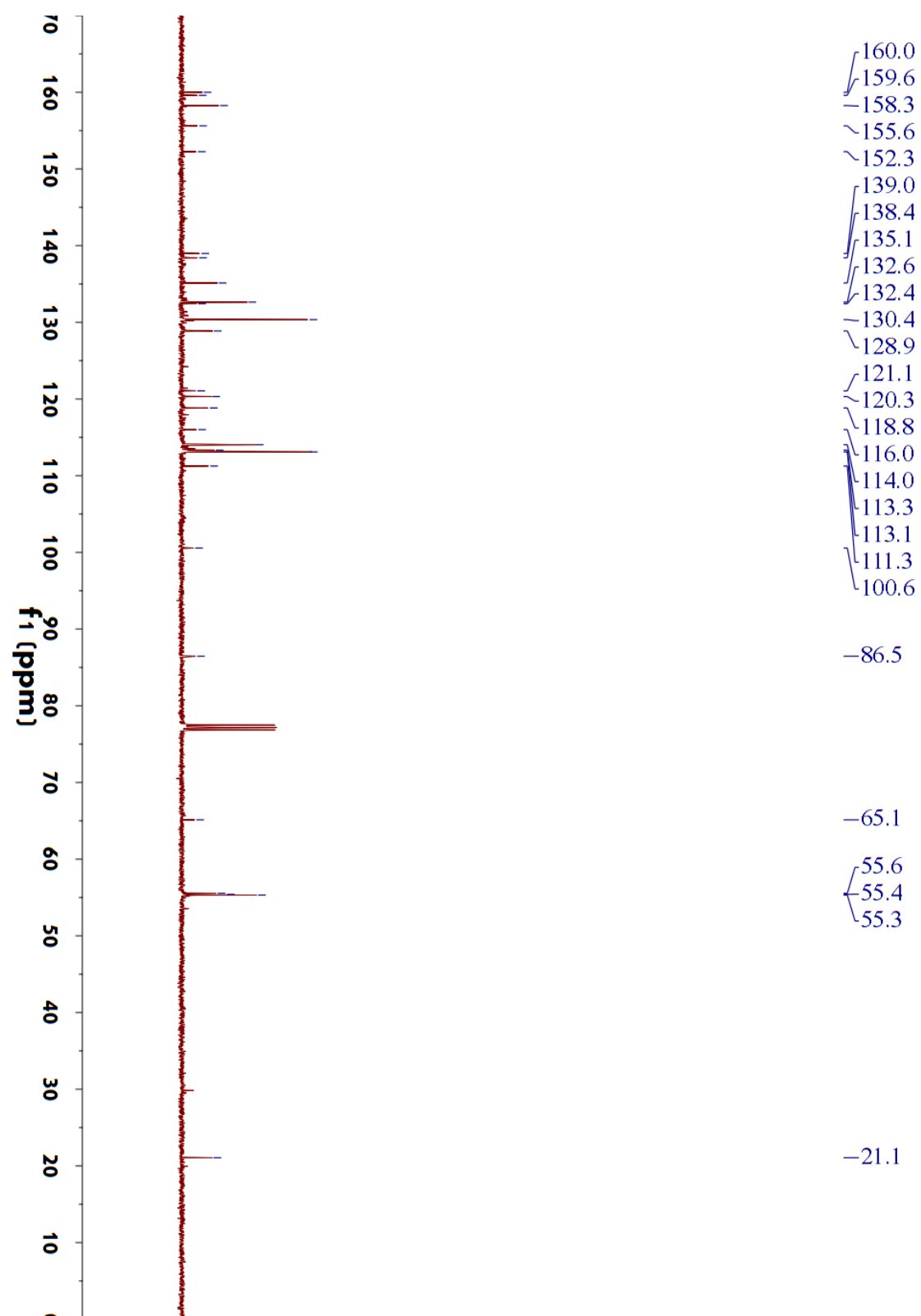
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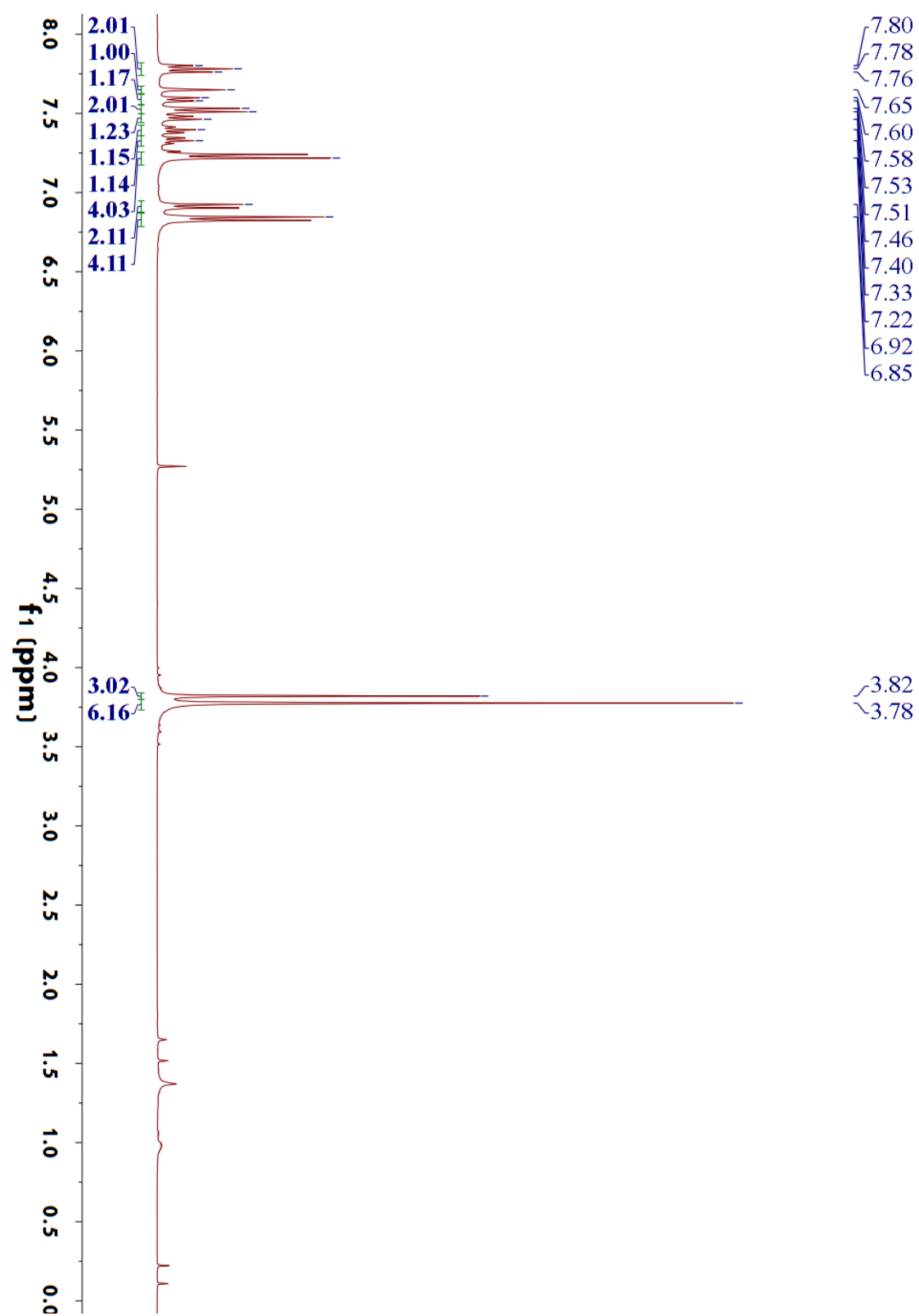
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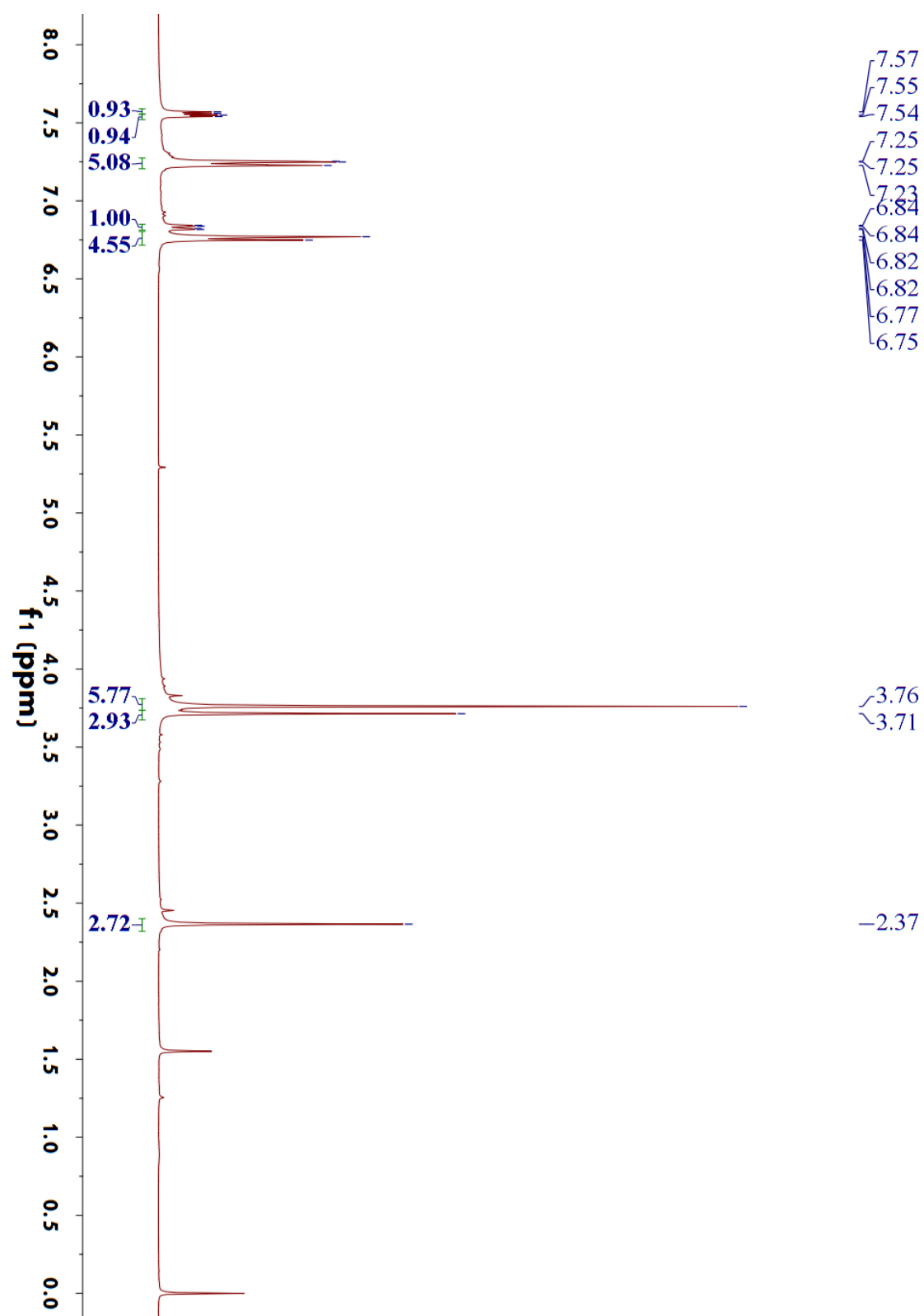
S37. ^{13}C NMR Spectrum of **11** in CDCl_3



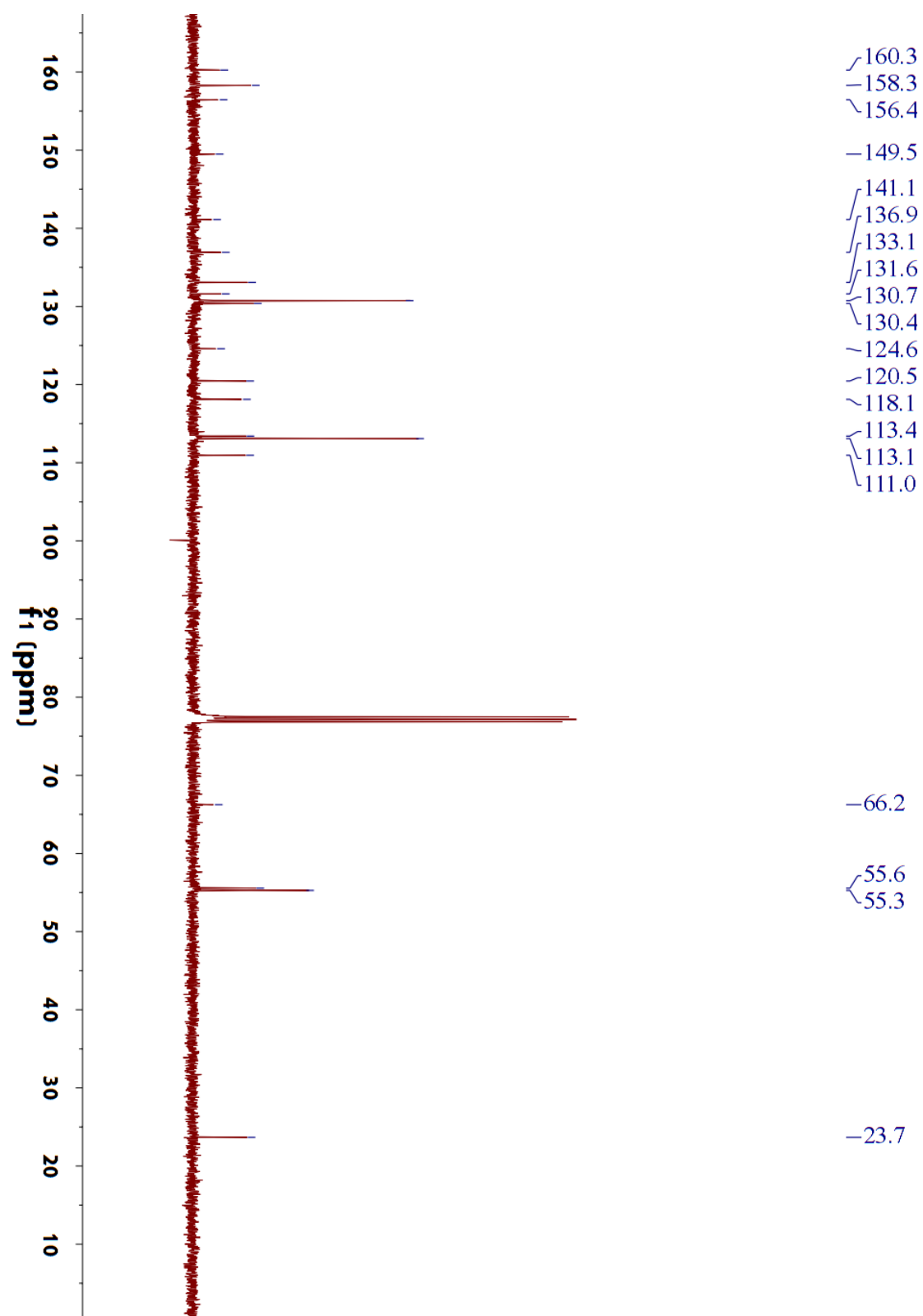
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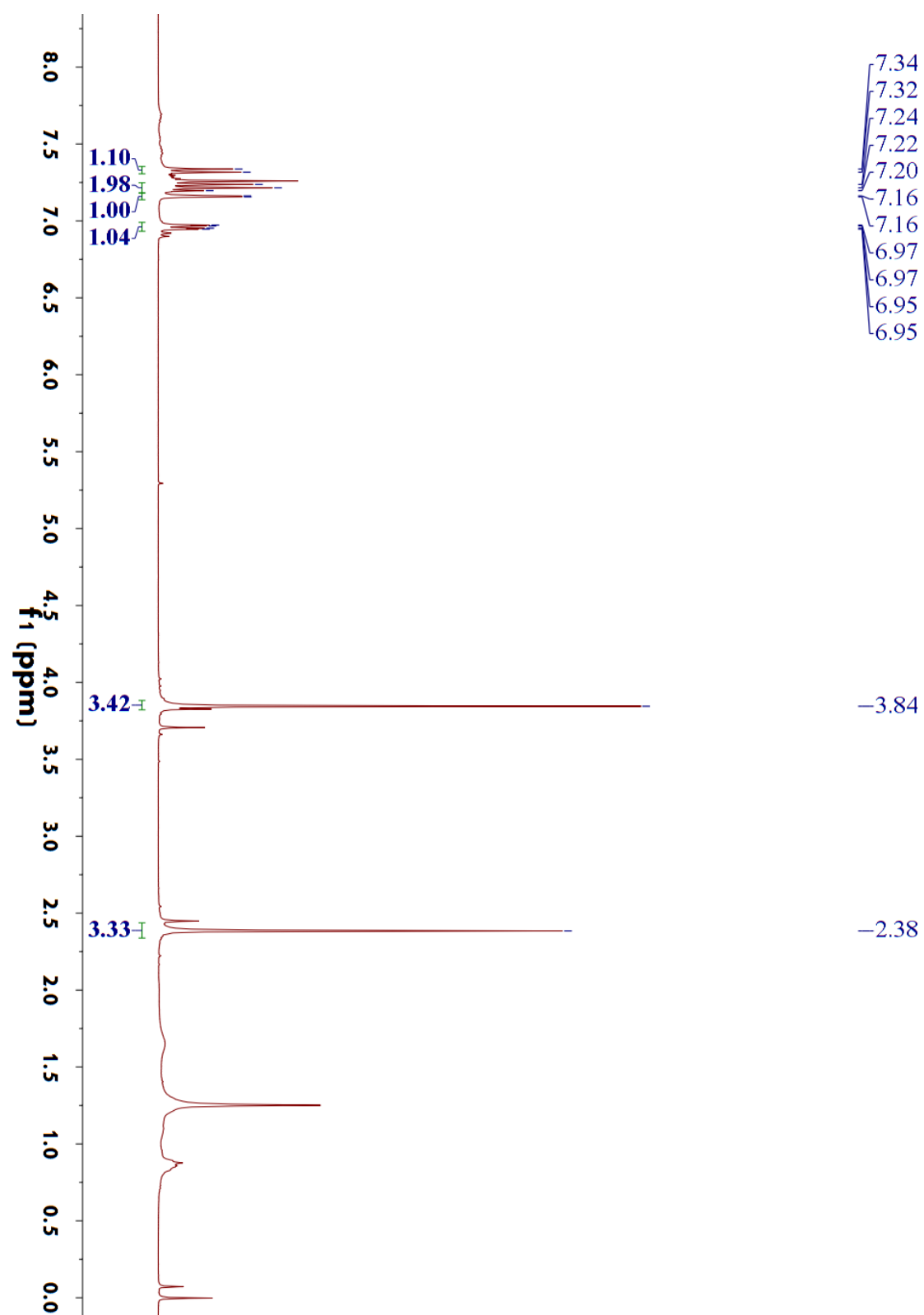
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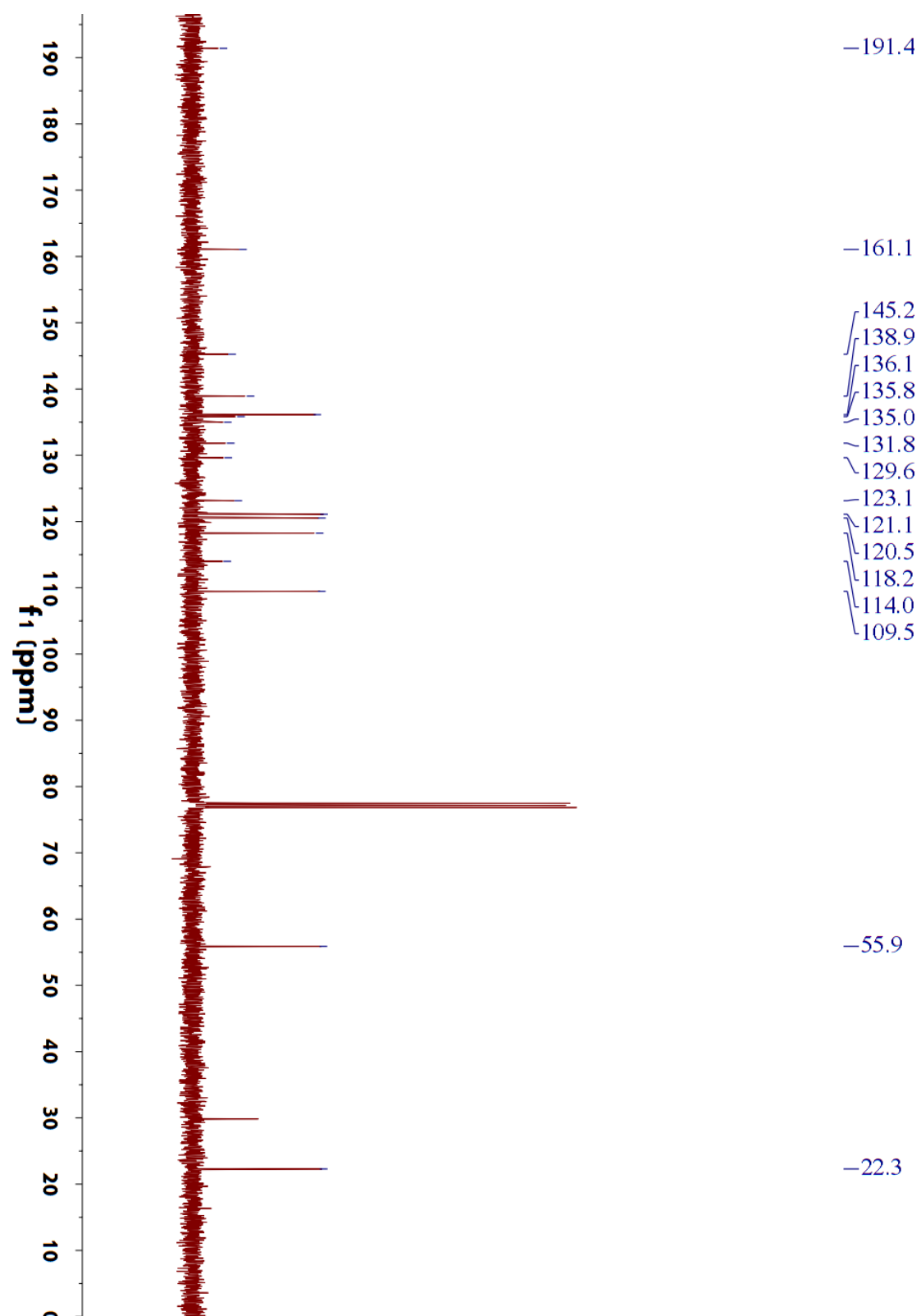
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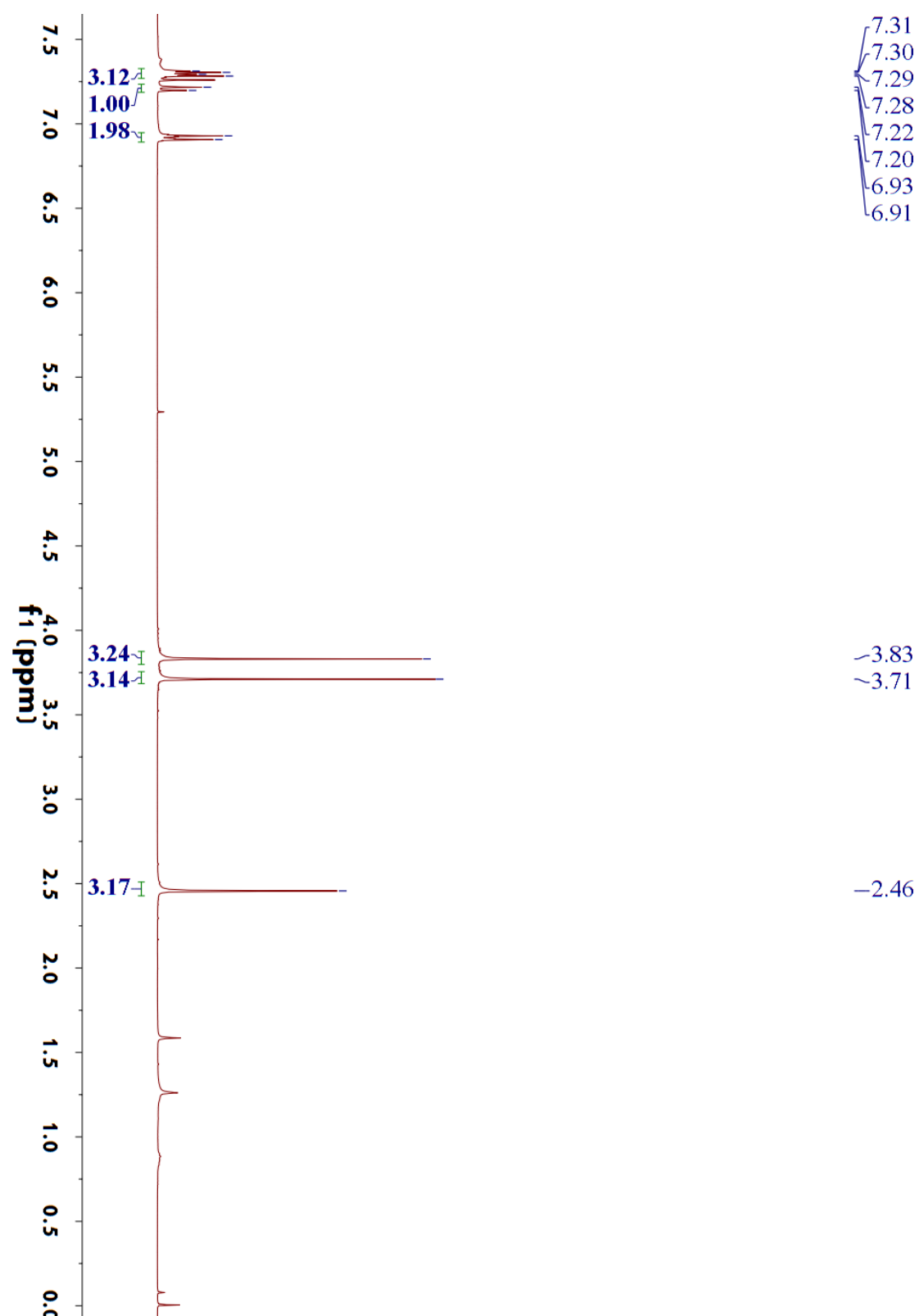
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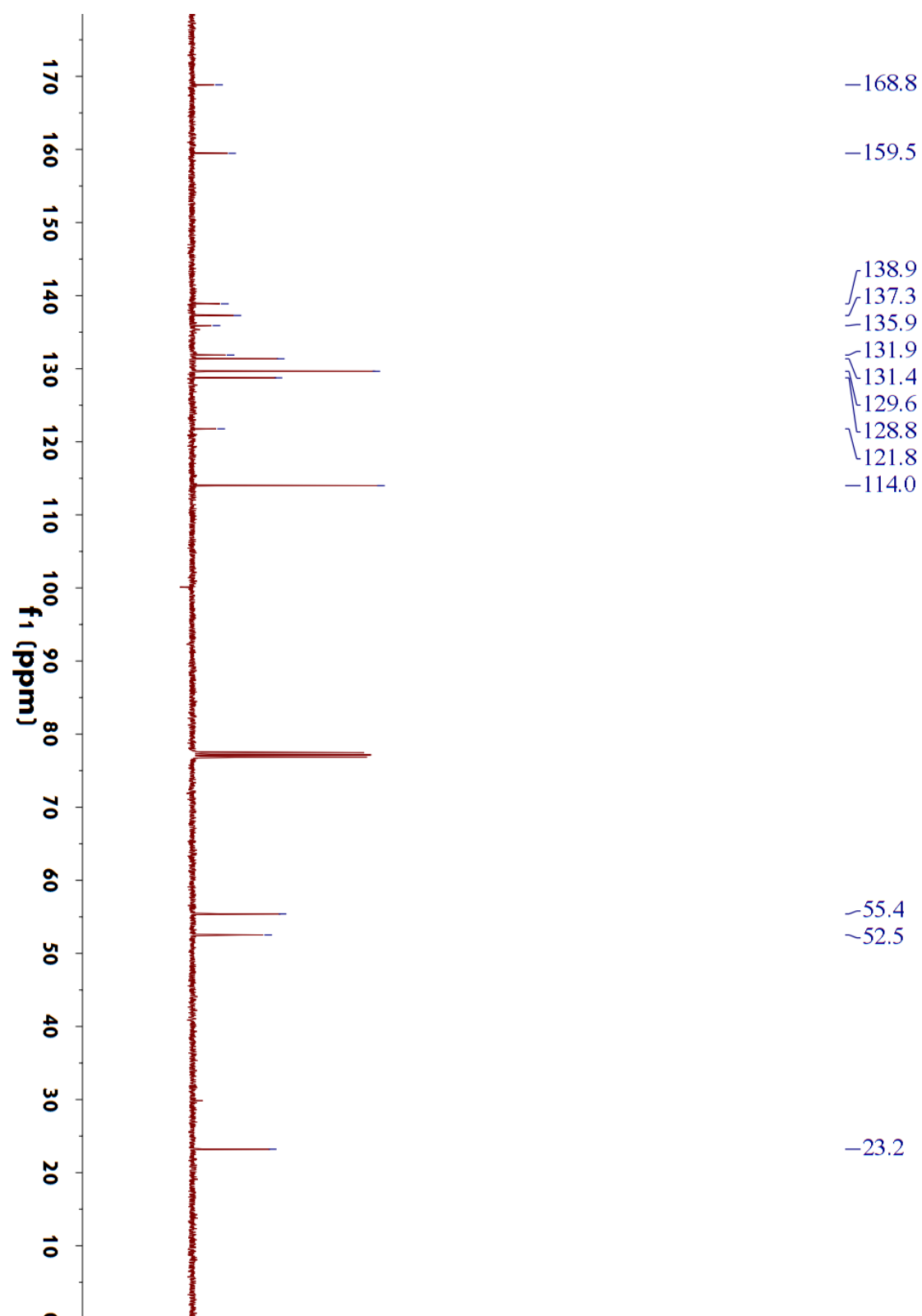
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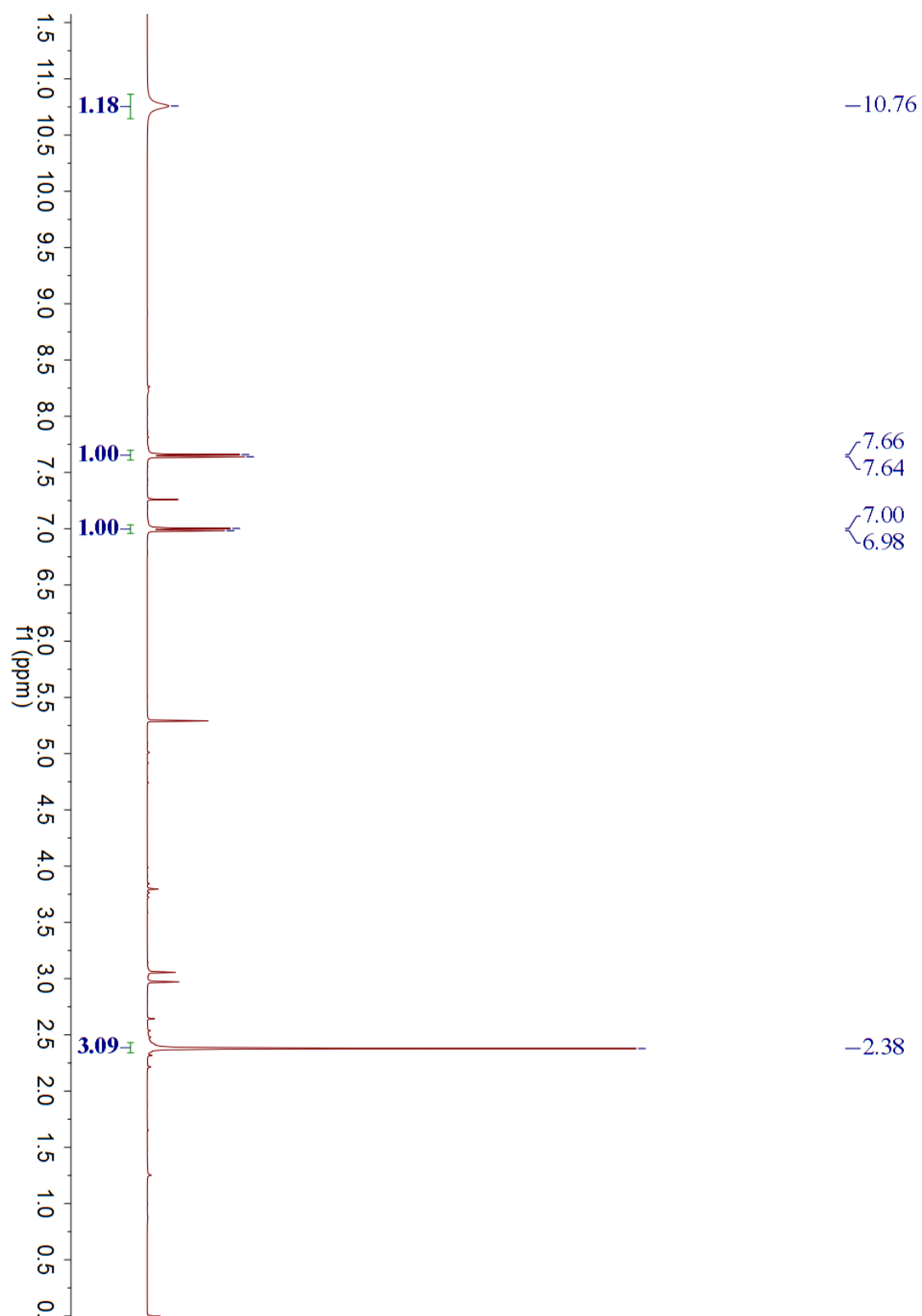
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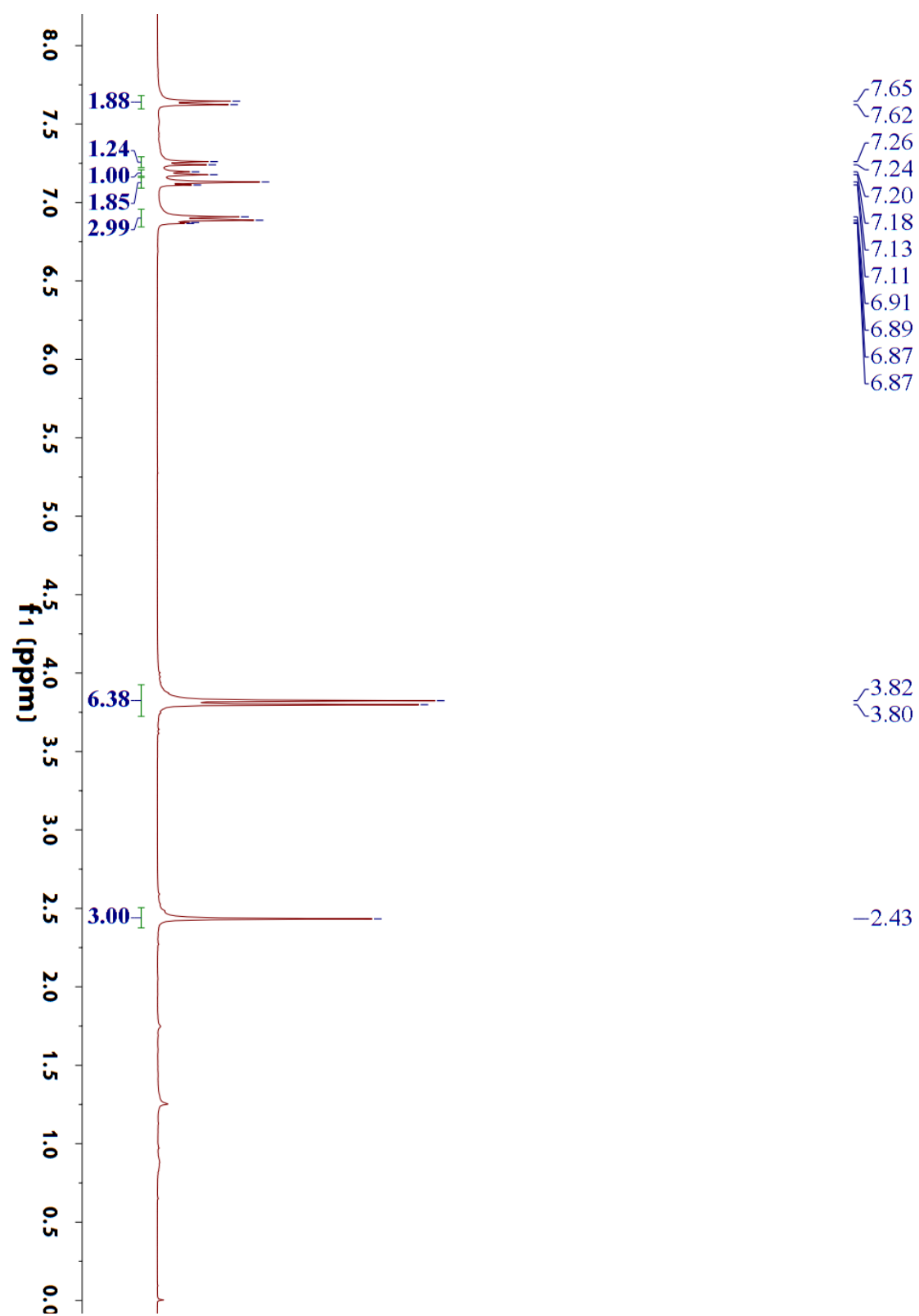
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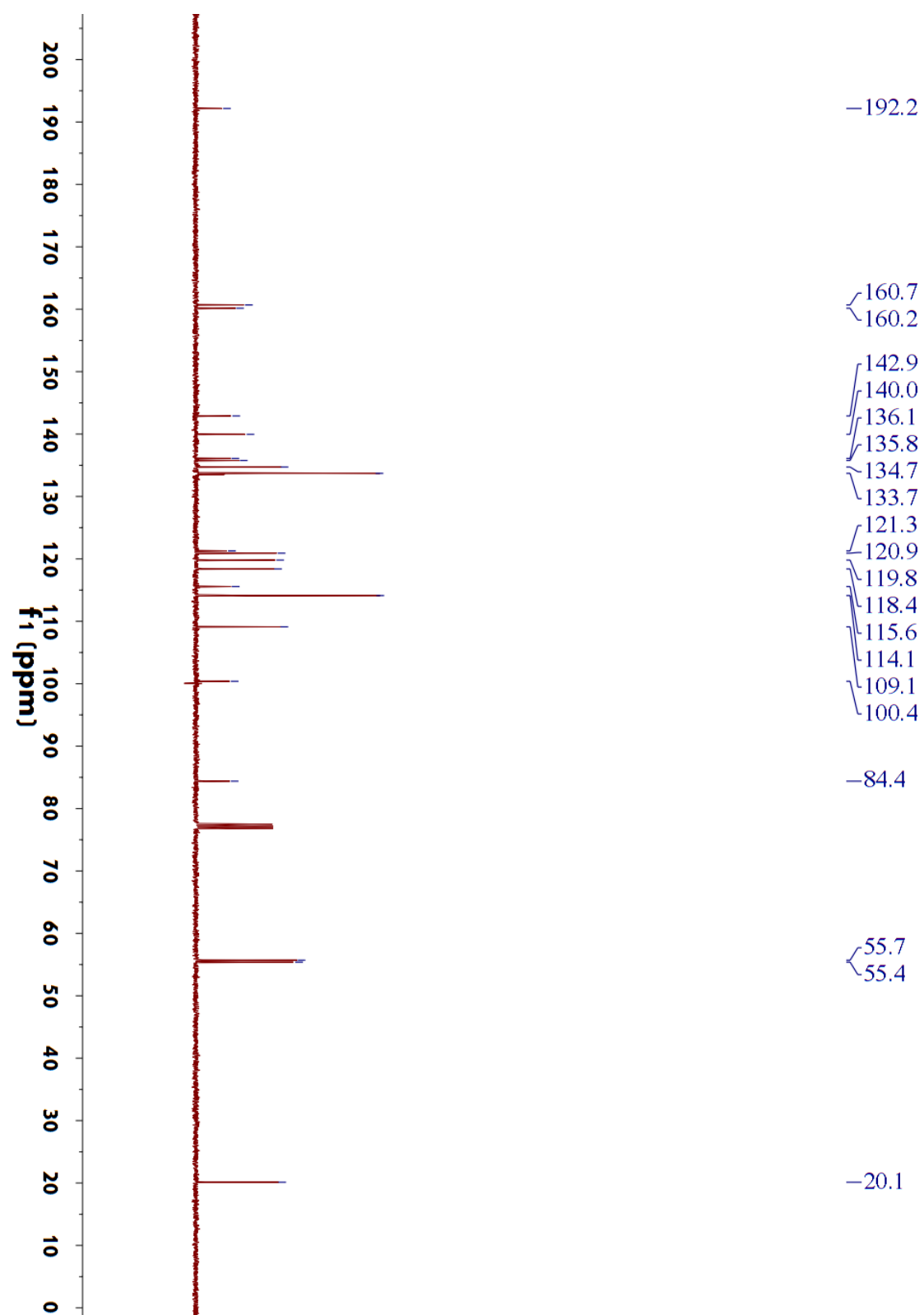
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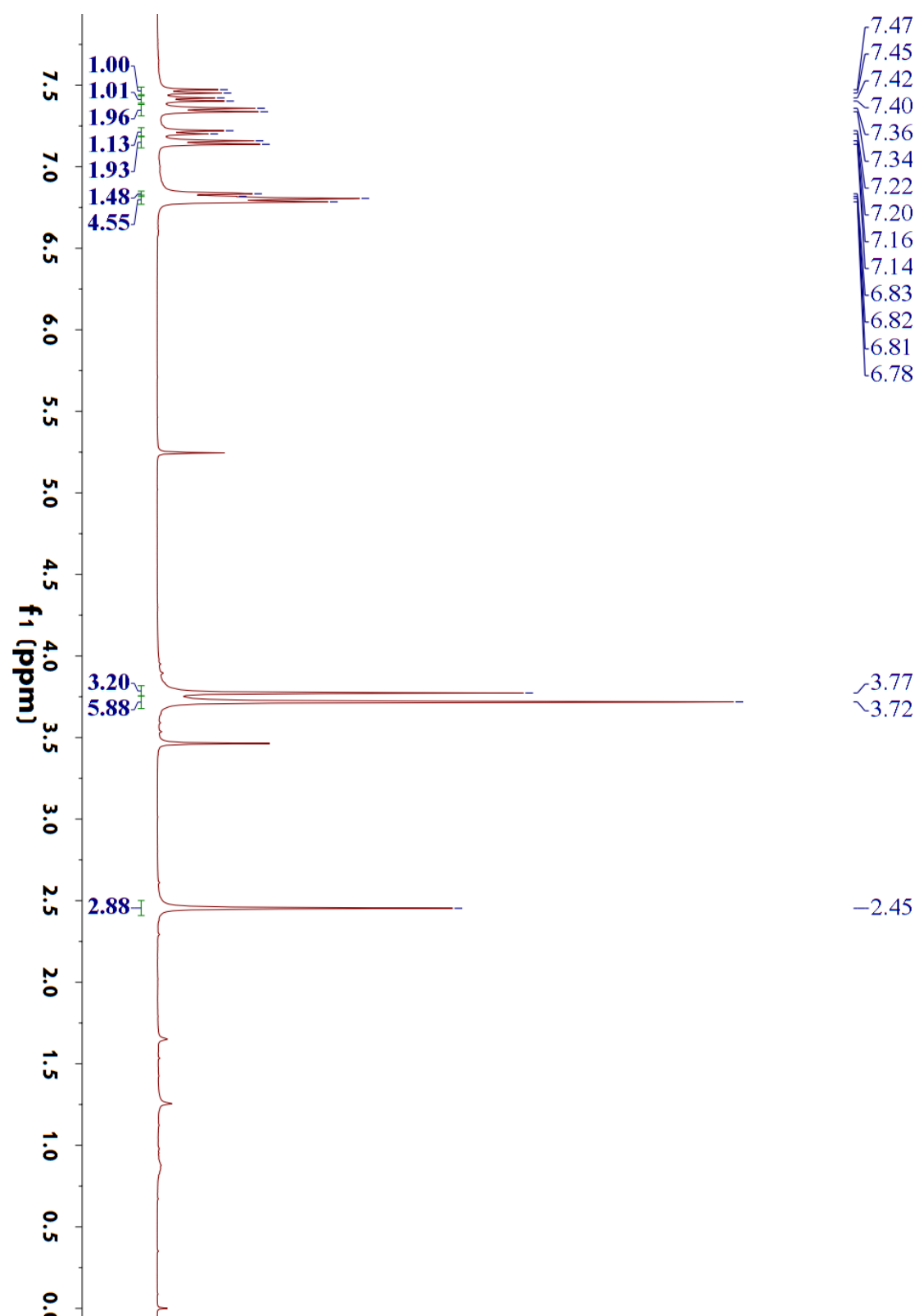
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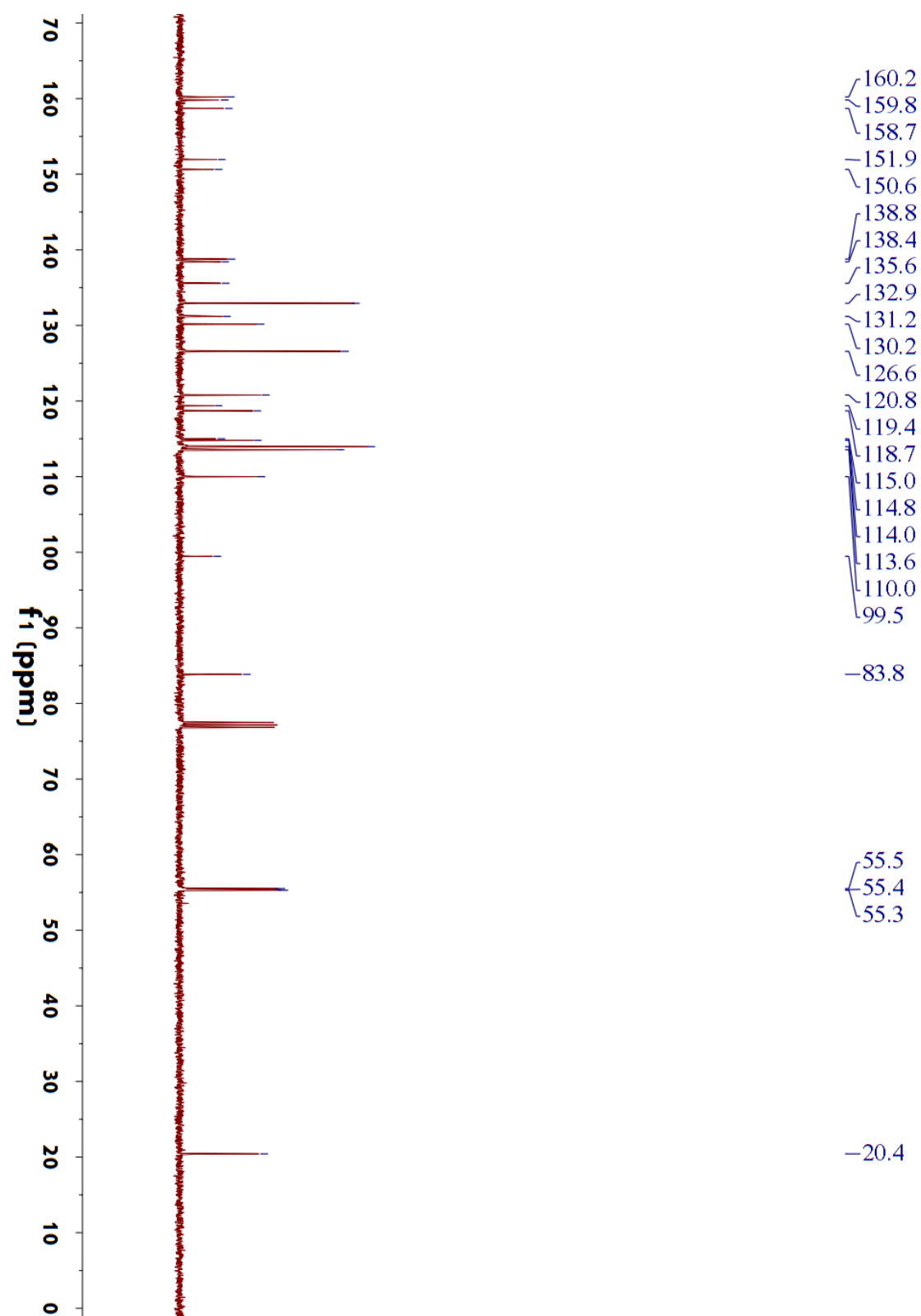
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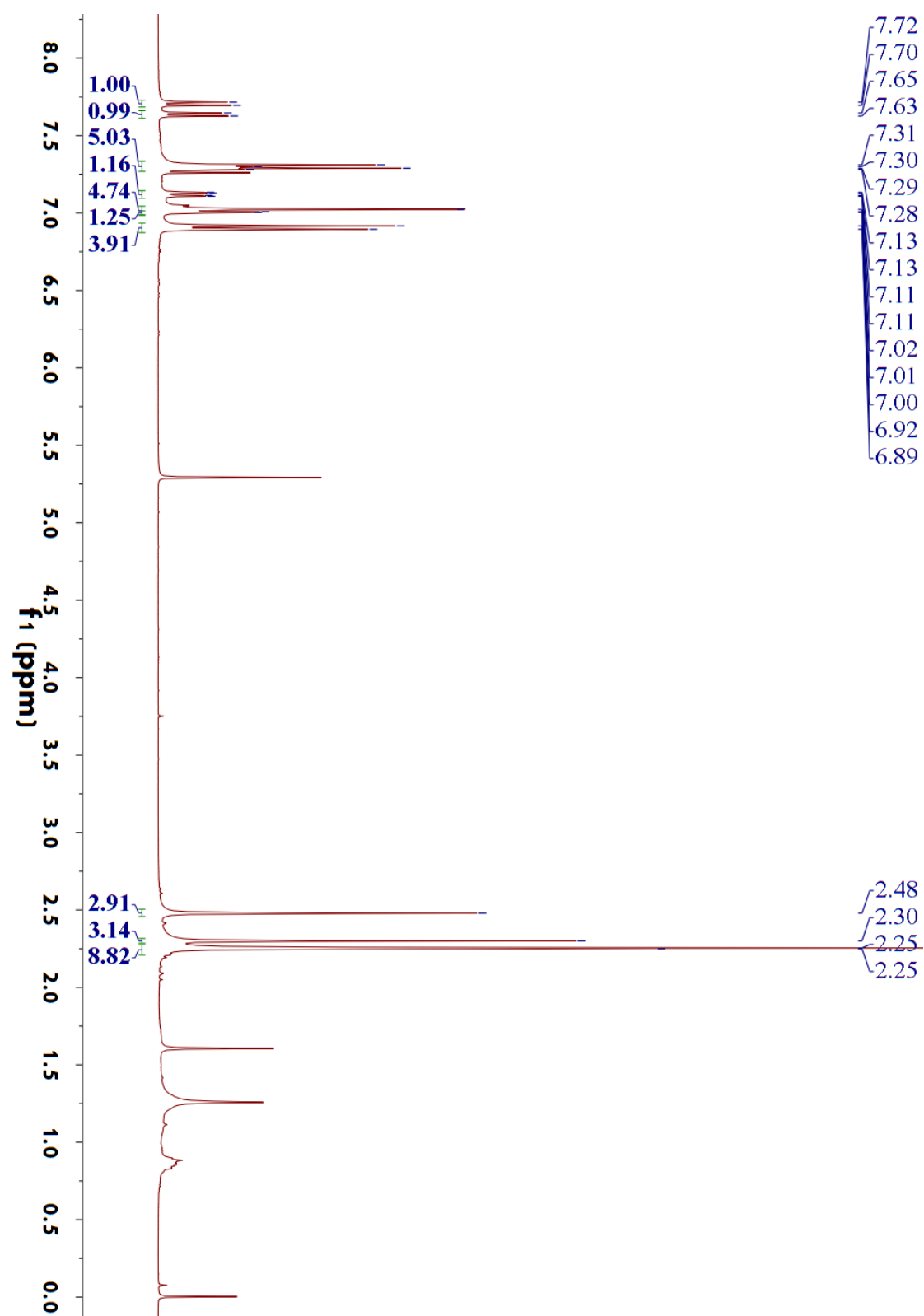
S48. ^1H NMR Spectrum of **20** in CDCl_3



S49. ^{13}C NMR Spectrum of **20** in CDCl_3



S50. ^1H NMR Spectrum of **21** in CDCl_3



S51. ^{13}C NMR Spectrum of **21** in CDCl_3

