

Supporting Information

Stereoselective inversion of γ -vinyl- γ -butyrolactone under palladium catalysis: Application to the synthesis of (+)-*exo*- and (+)-*endo*-brevicomins

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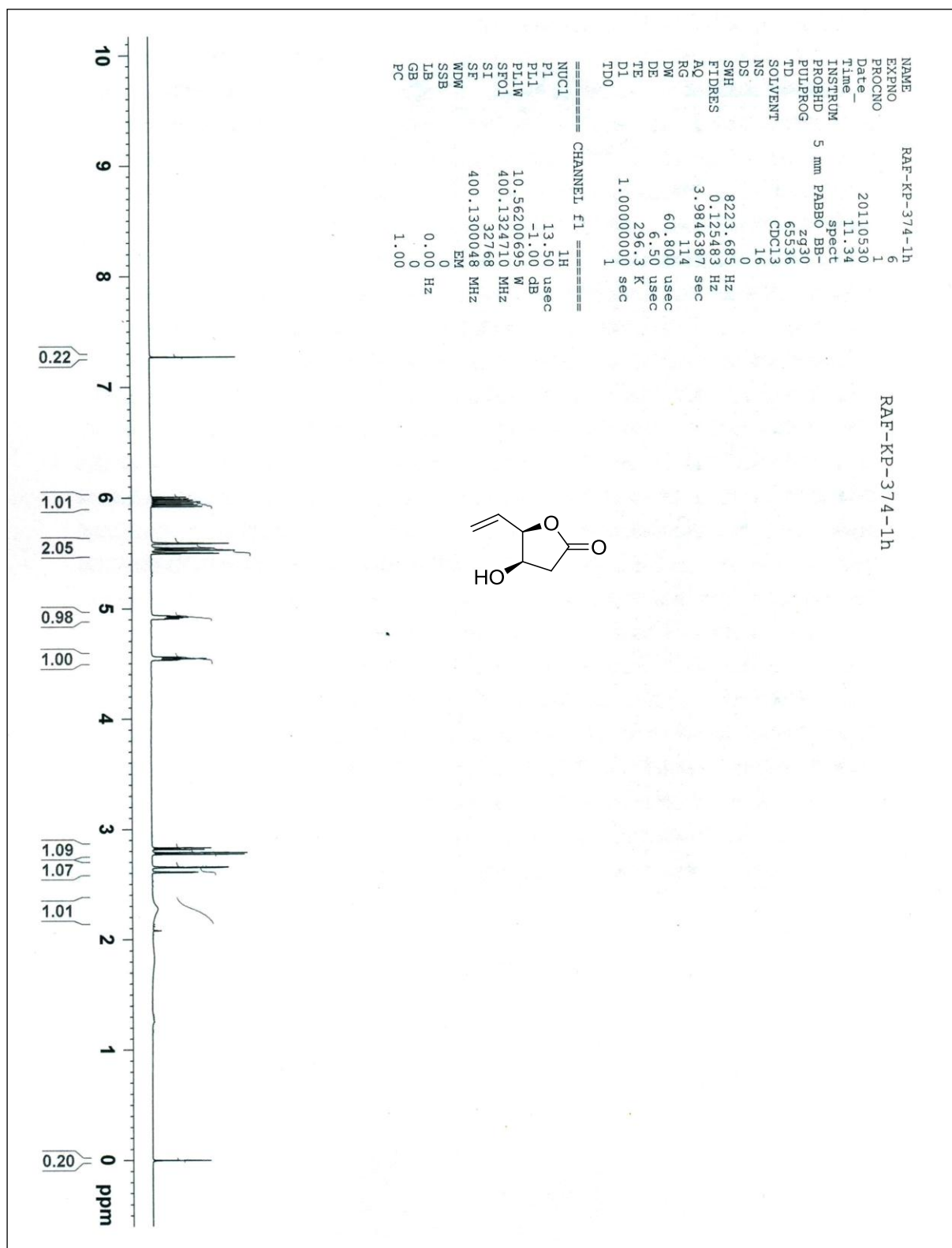
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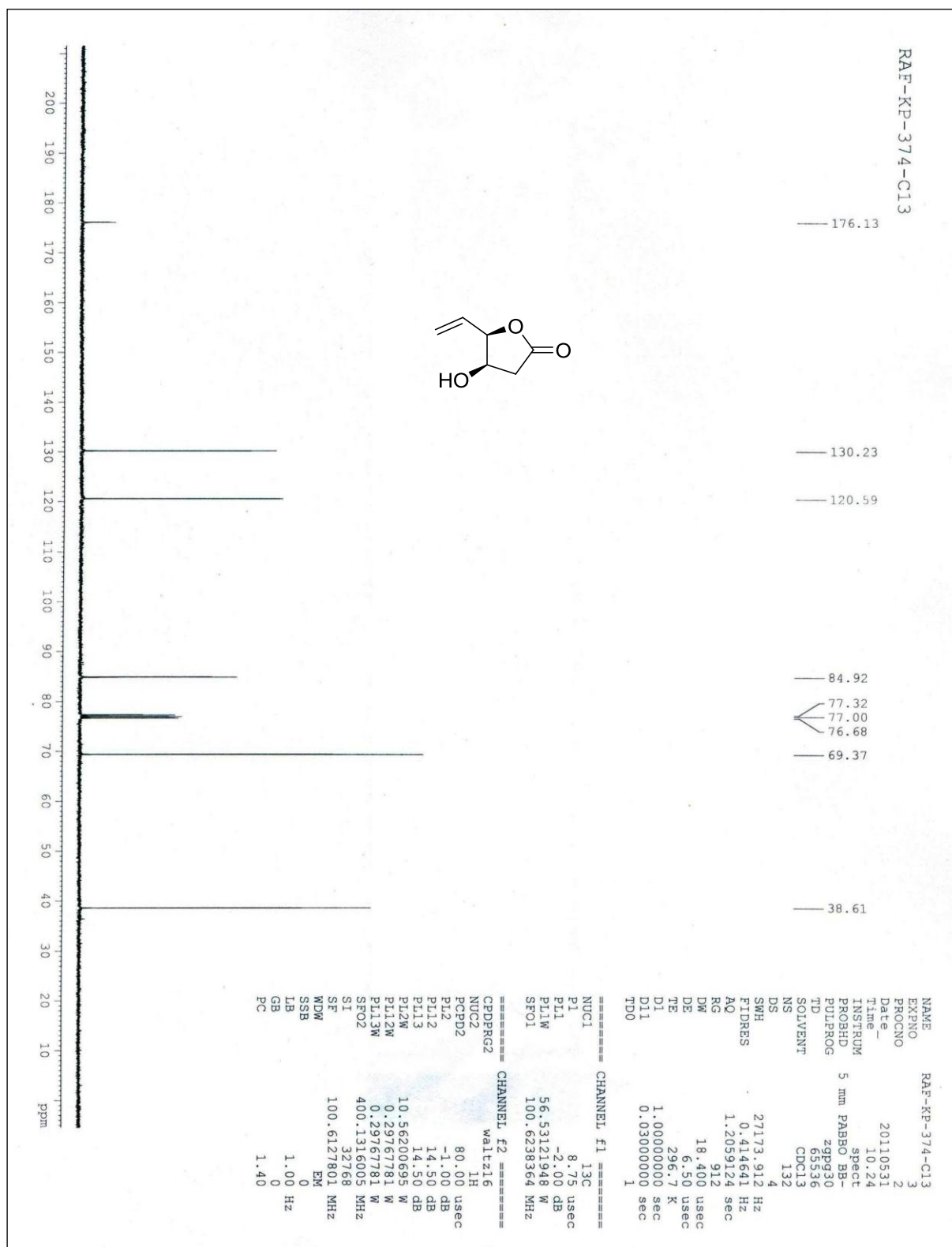
Contents

Copies of ^1H and ^{13}C NMR spectra for all the compounds S2–S17

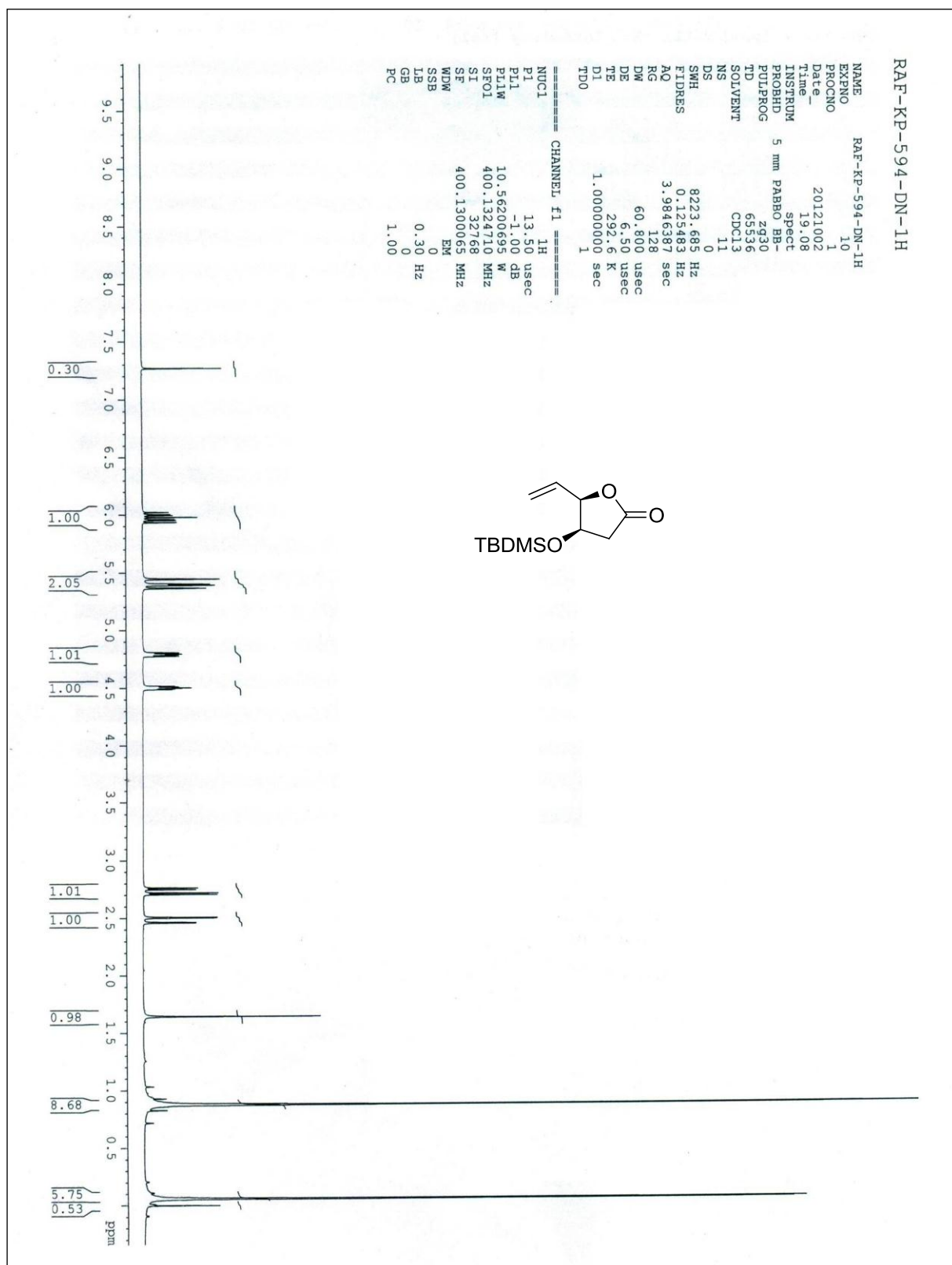
¹H NMR (400 MHz, CDCl₃/TMS) of Compound **2a**



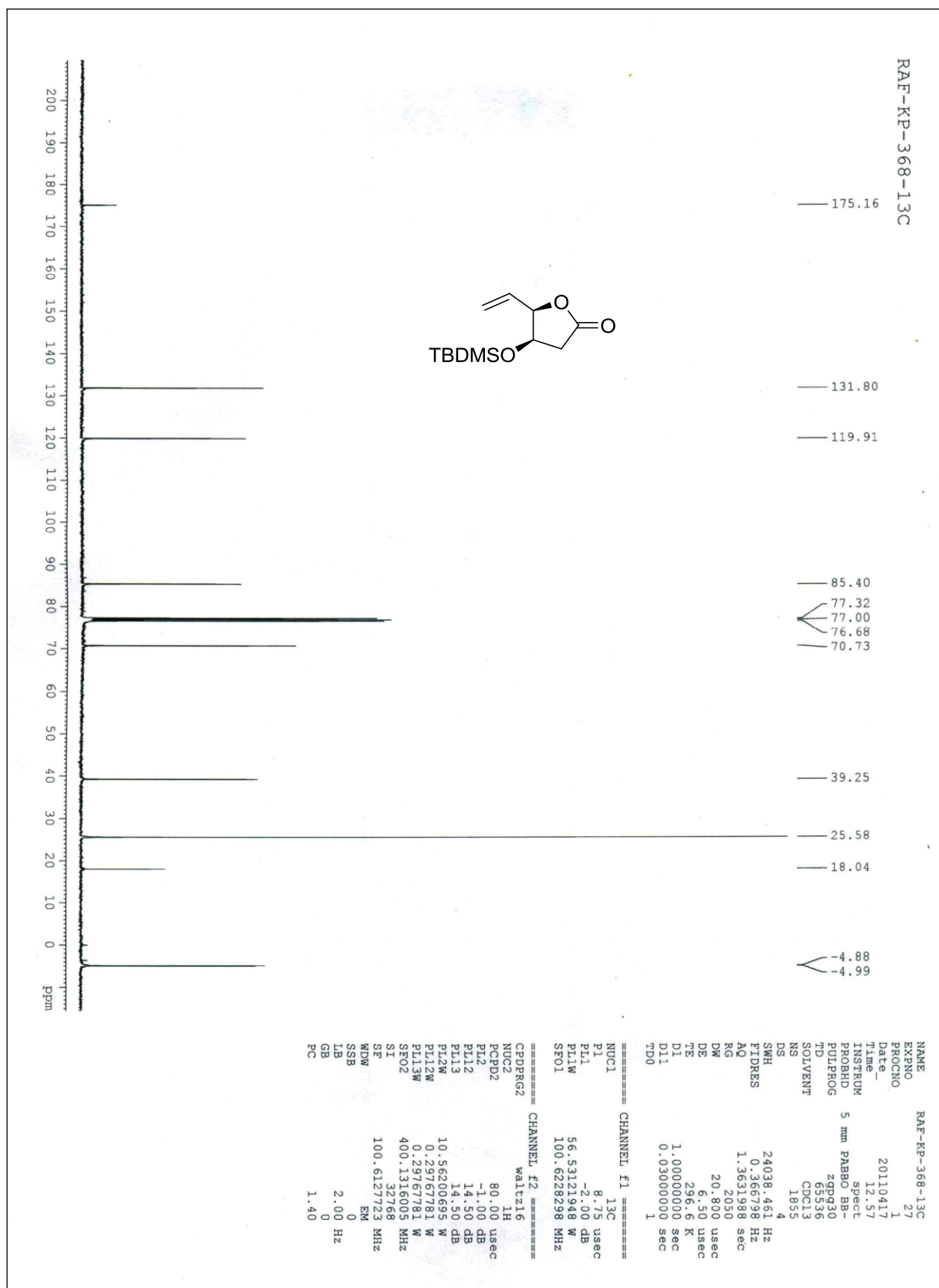
¹³C NMR (100 MHz, CDCl₃) of Compound **2a**



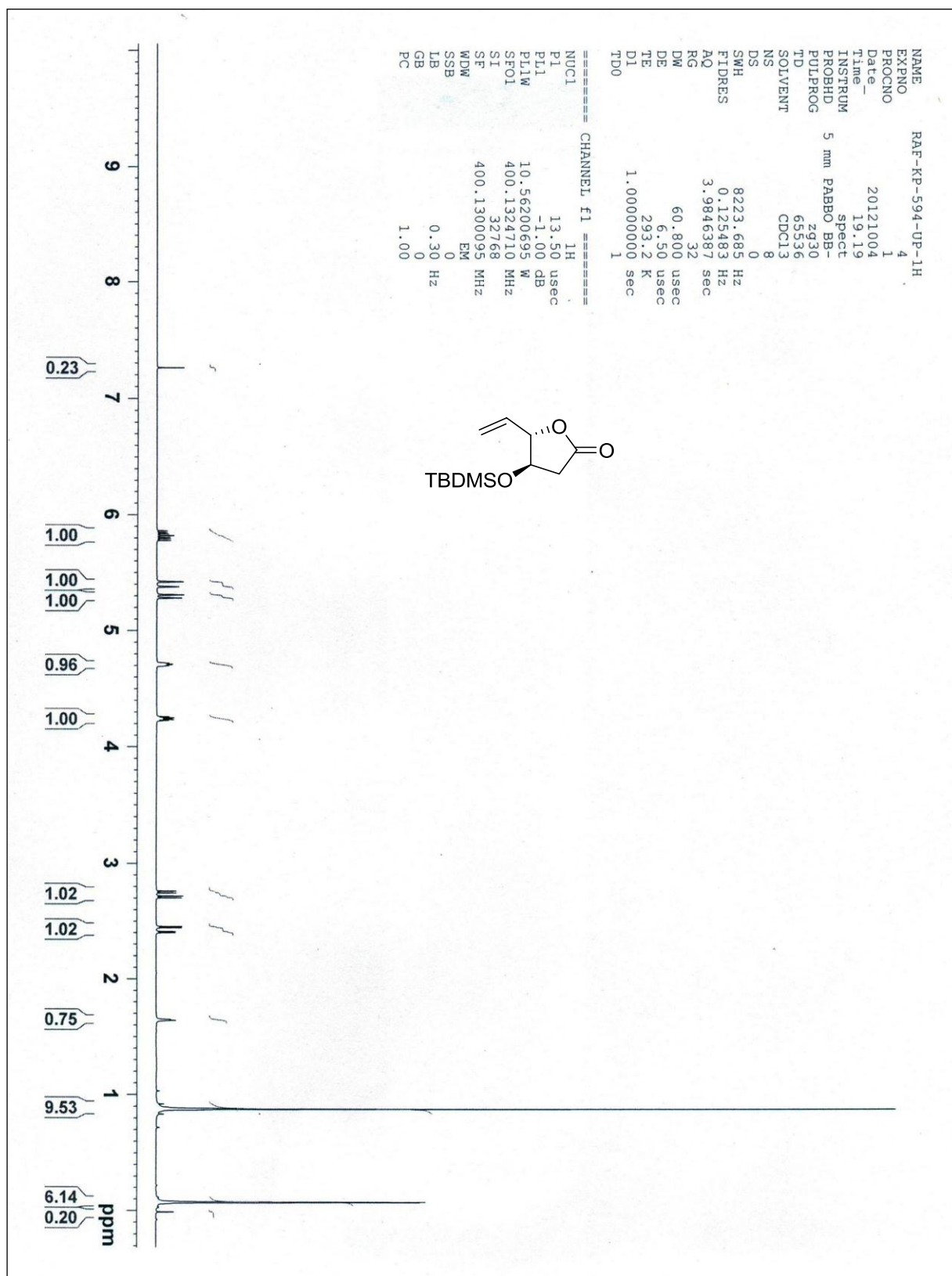
¹H NMR (400 MHz, CDCl₃/TMS) of Compound **1a**



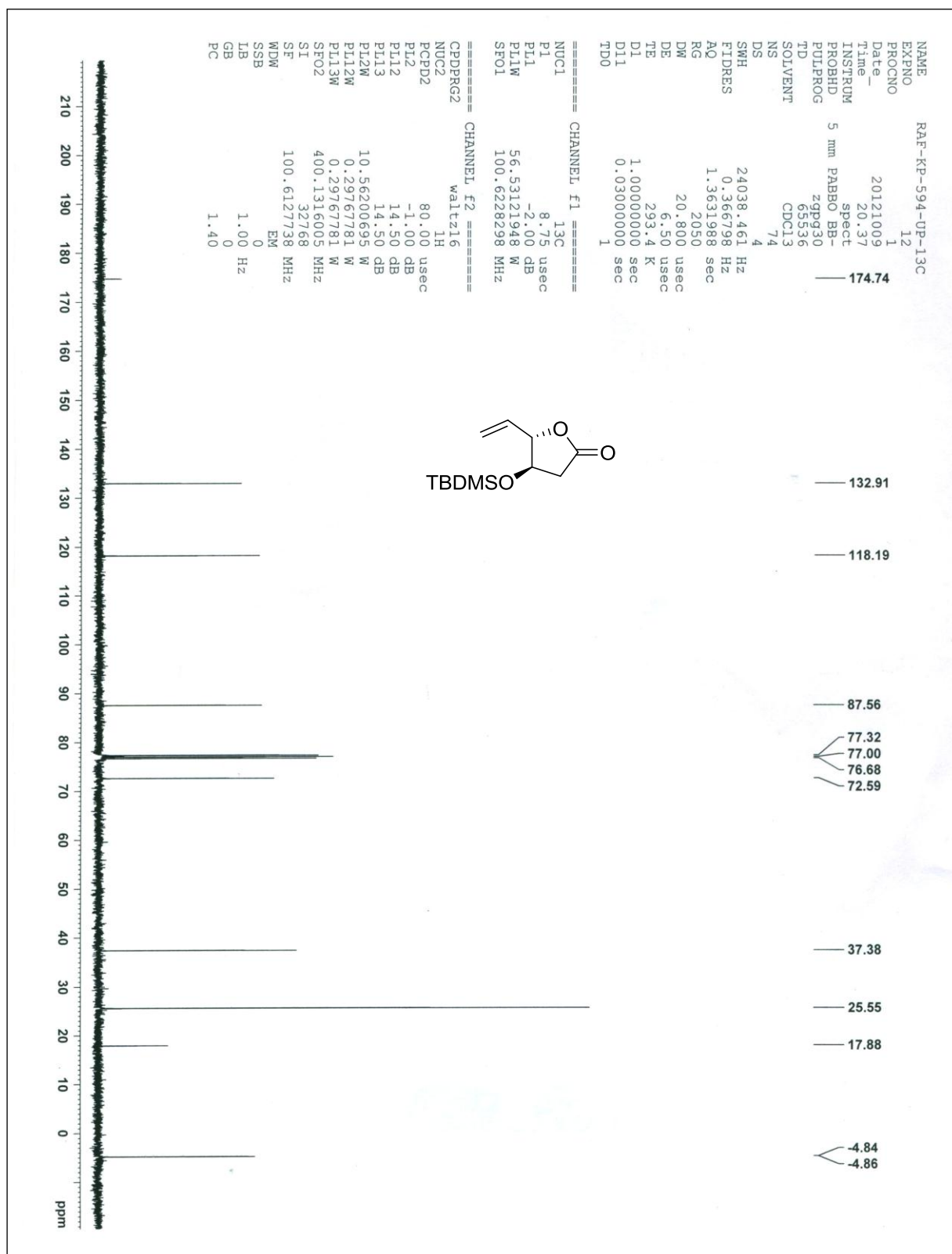
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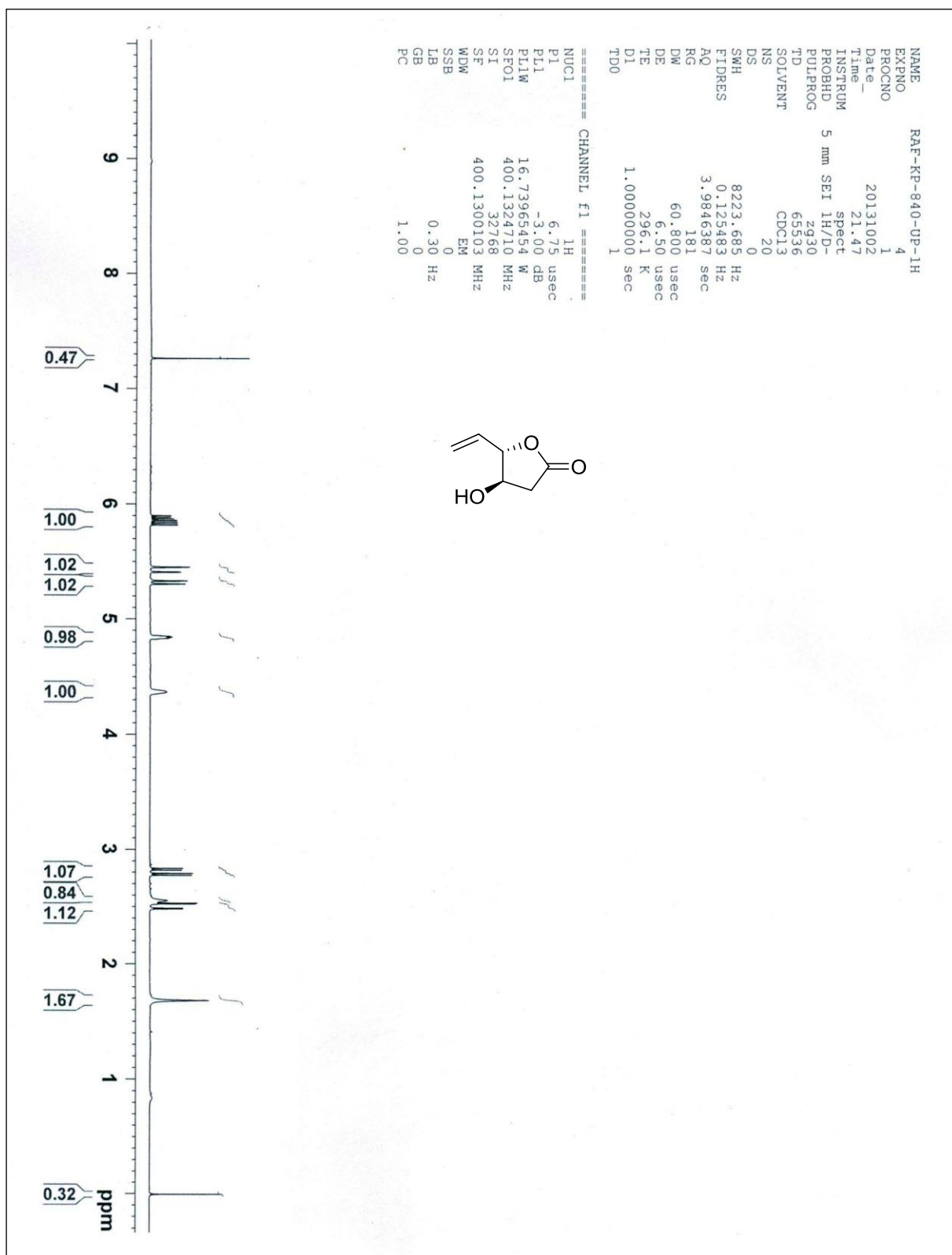
¹H NMR (400 MHz, CDCl₃/TMS) of Compound **1b**



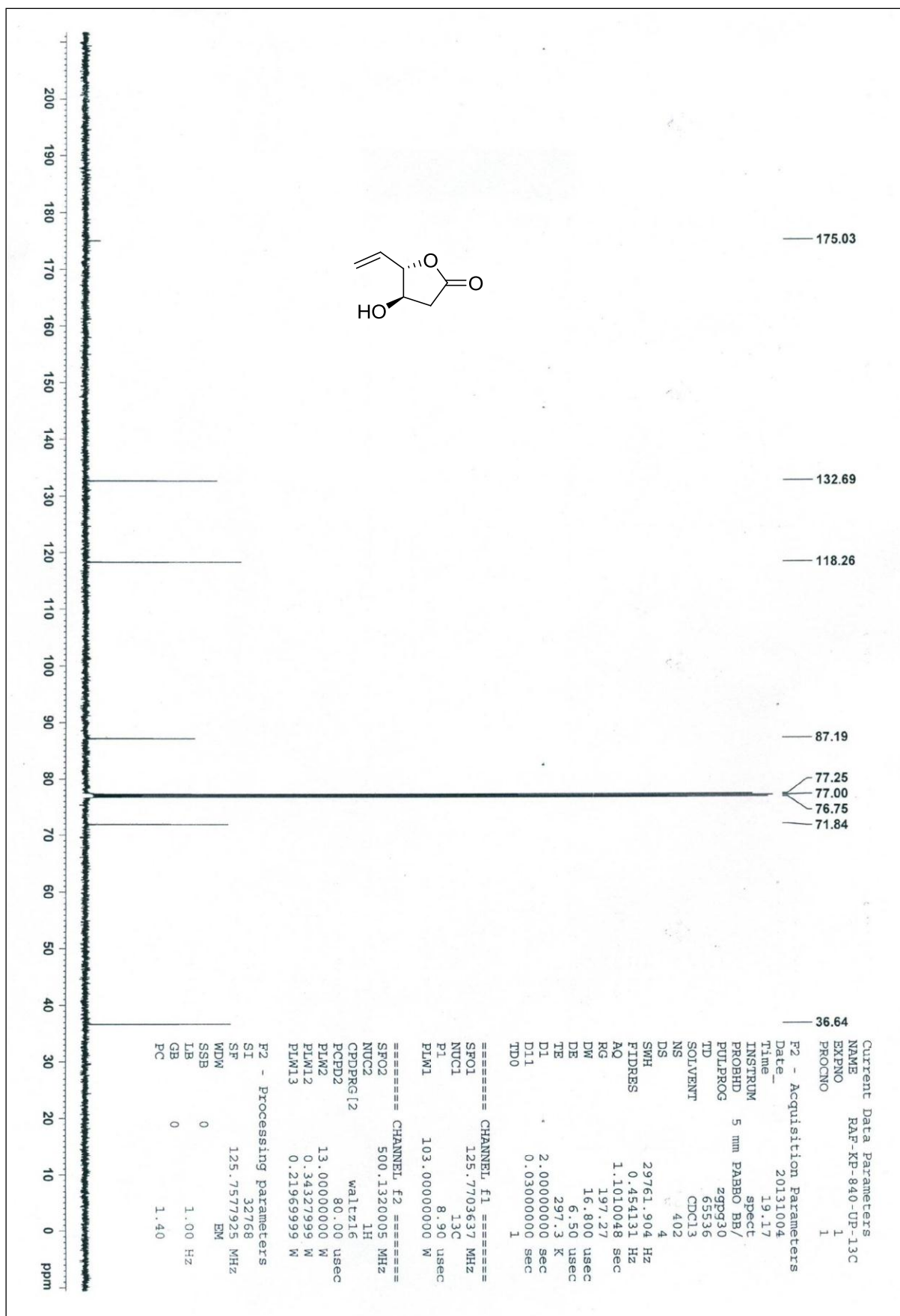
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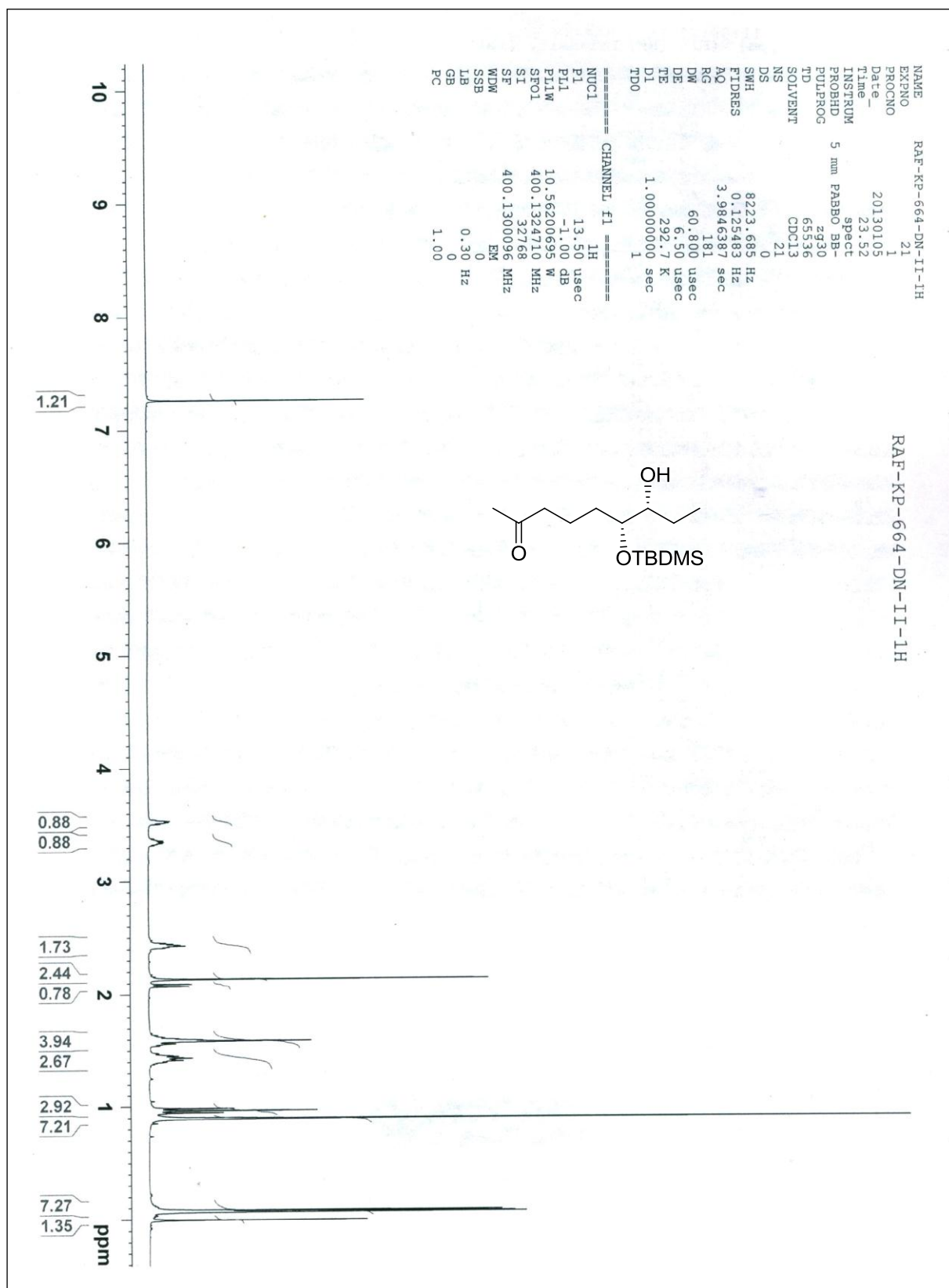
¹H NMR (400 MHz, CDCl₃/TMS) of Compound **2b**



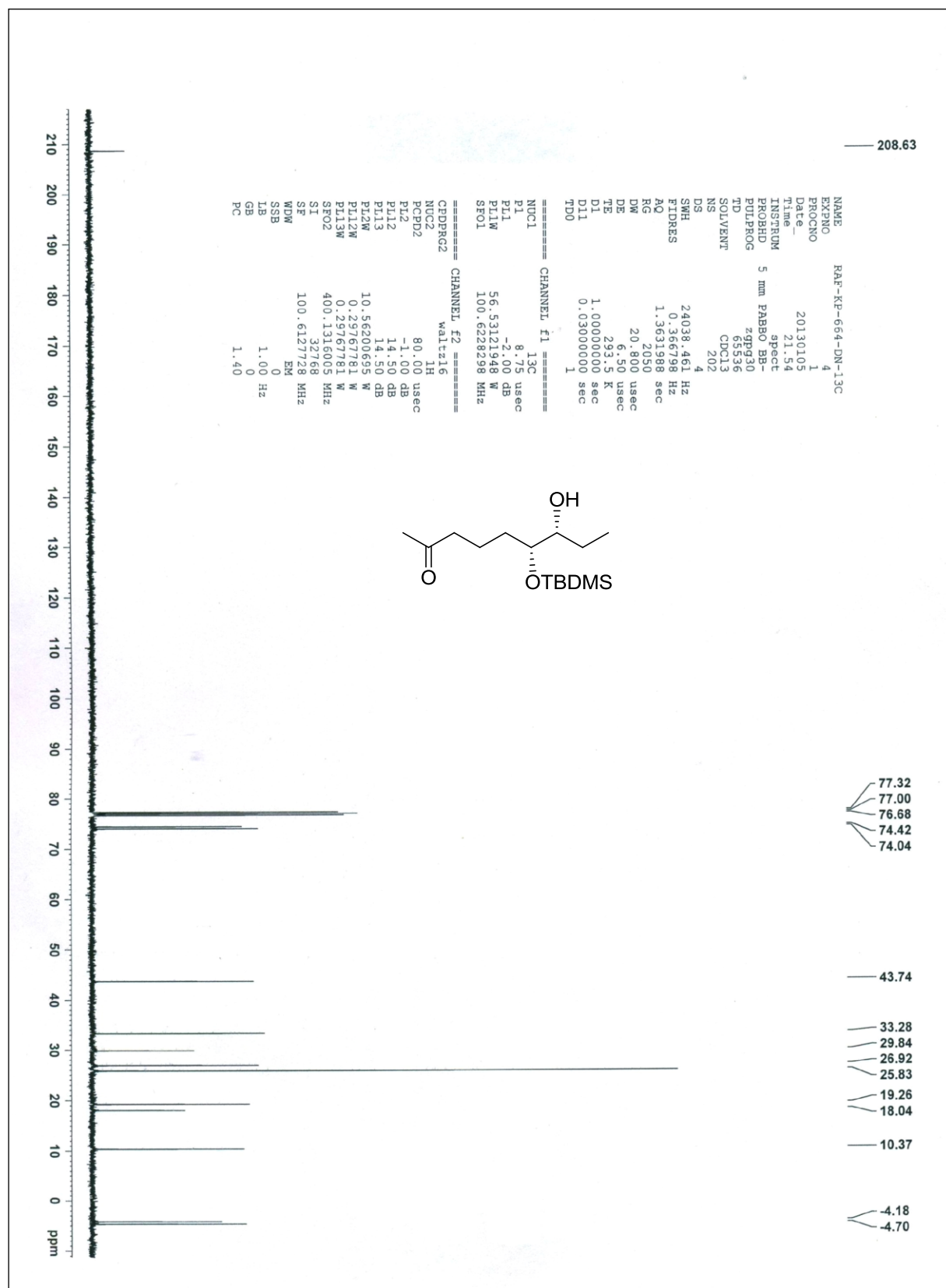
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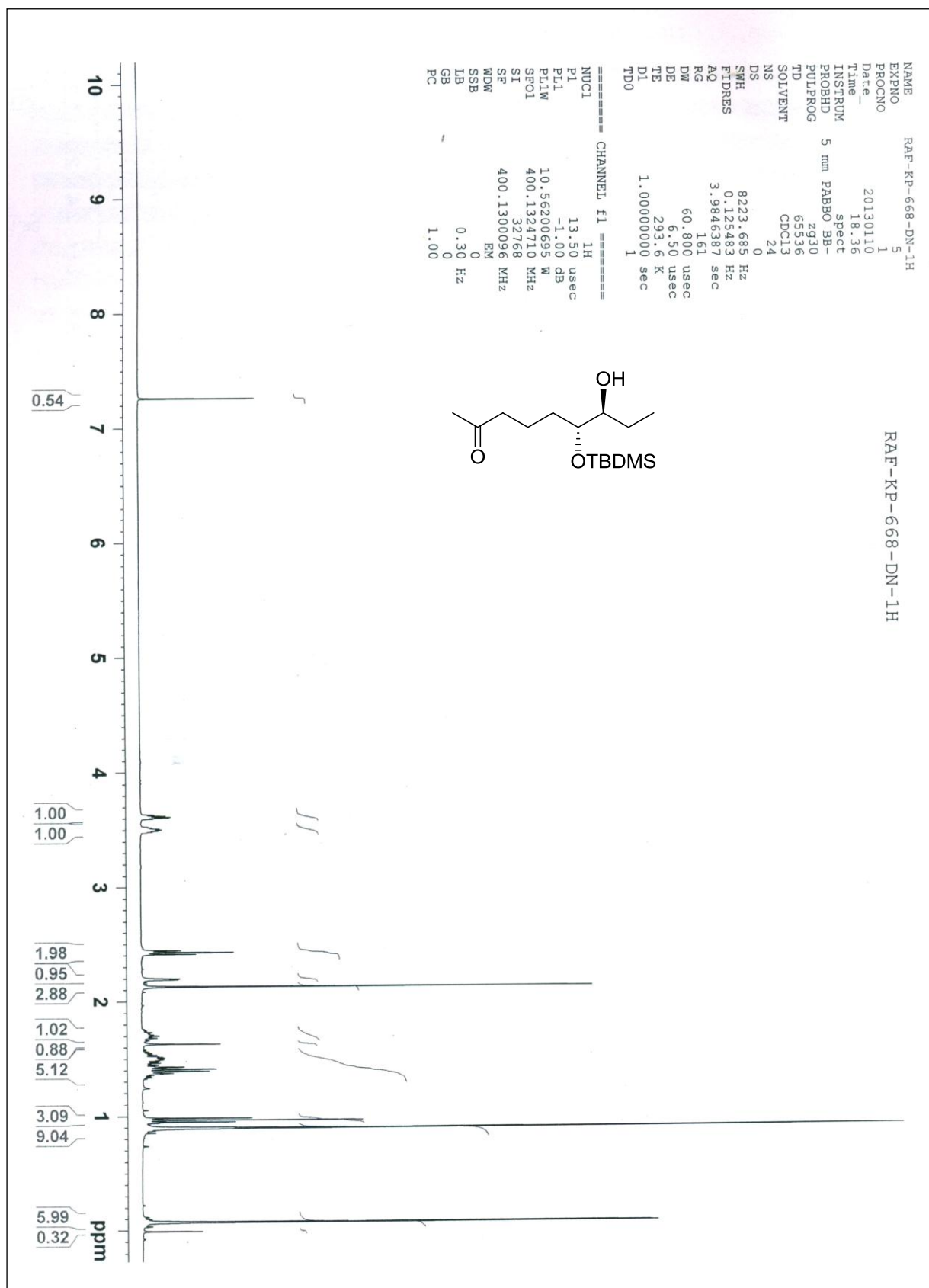
¹H NMR (400 MHz, CDCl₃/TMS) of Compound 7



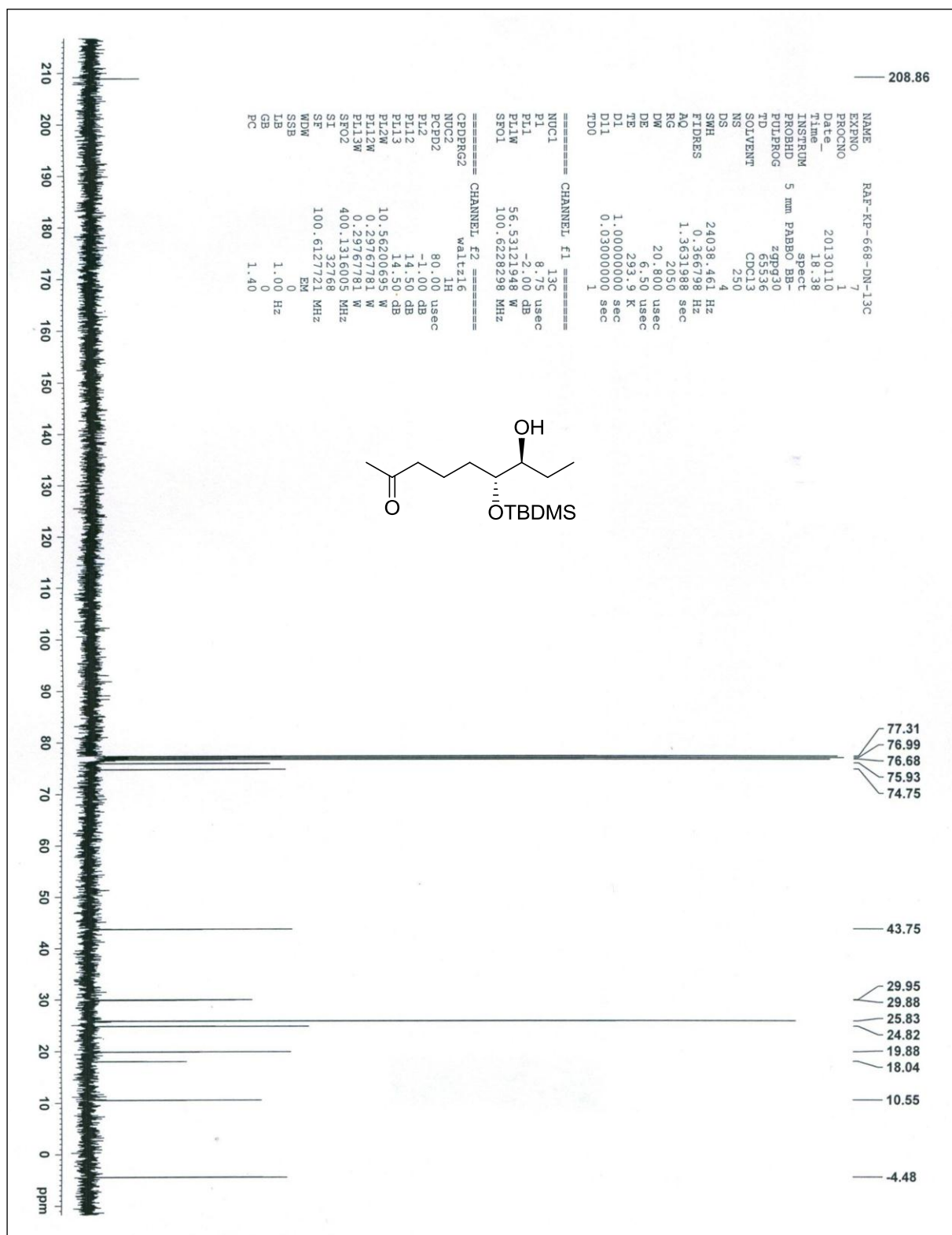
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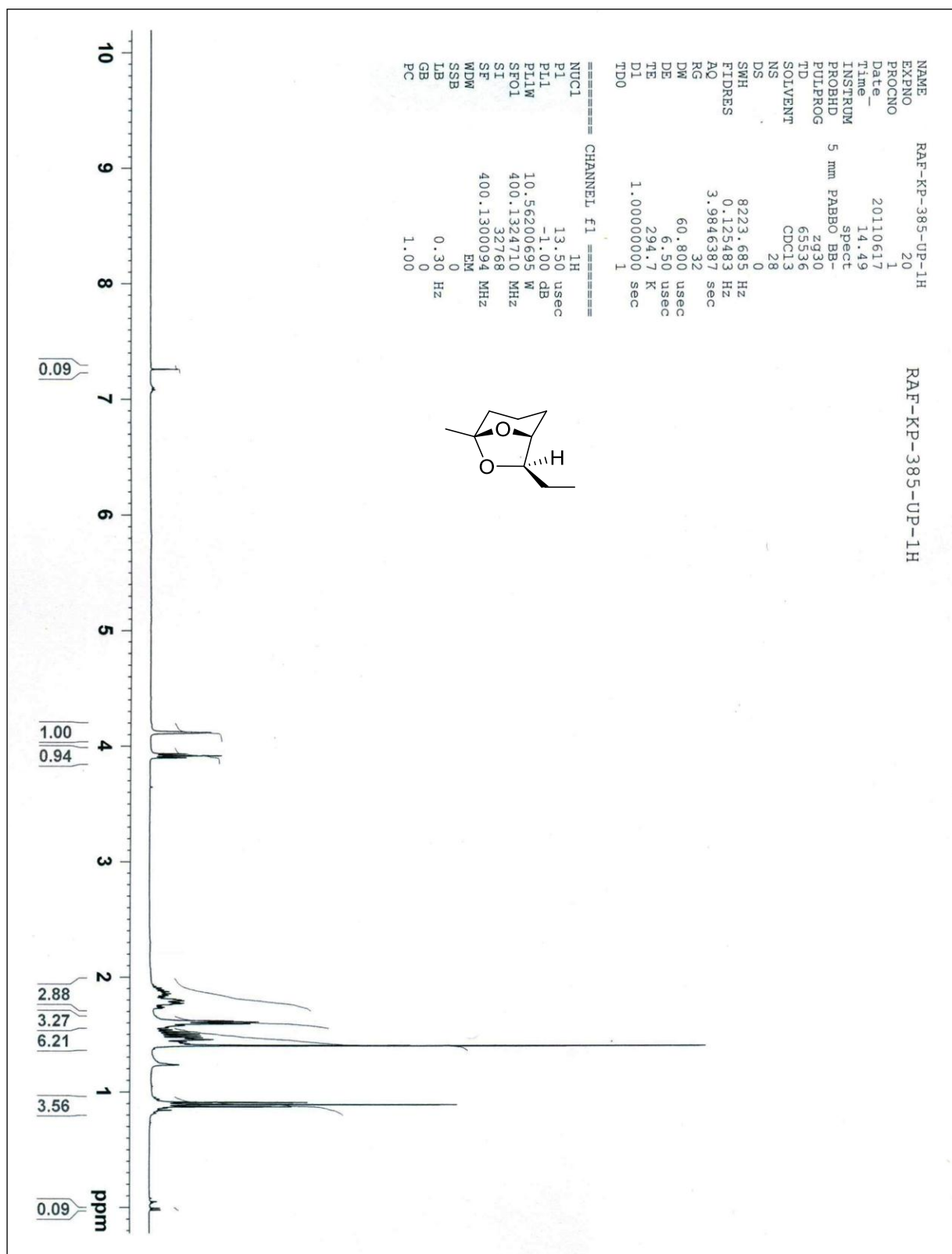
¹H NMR (400 MHz, CDCl₃/TMS) of Compound 9



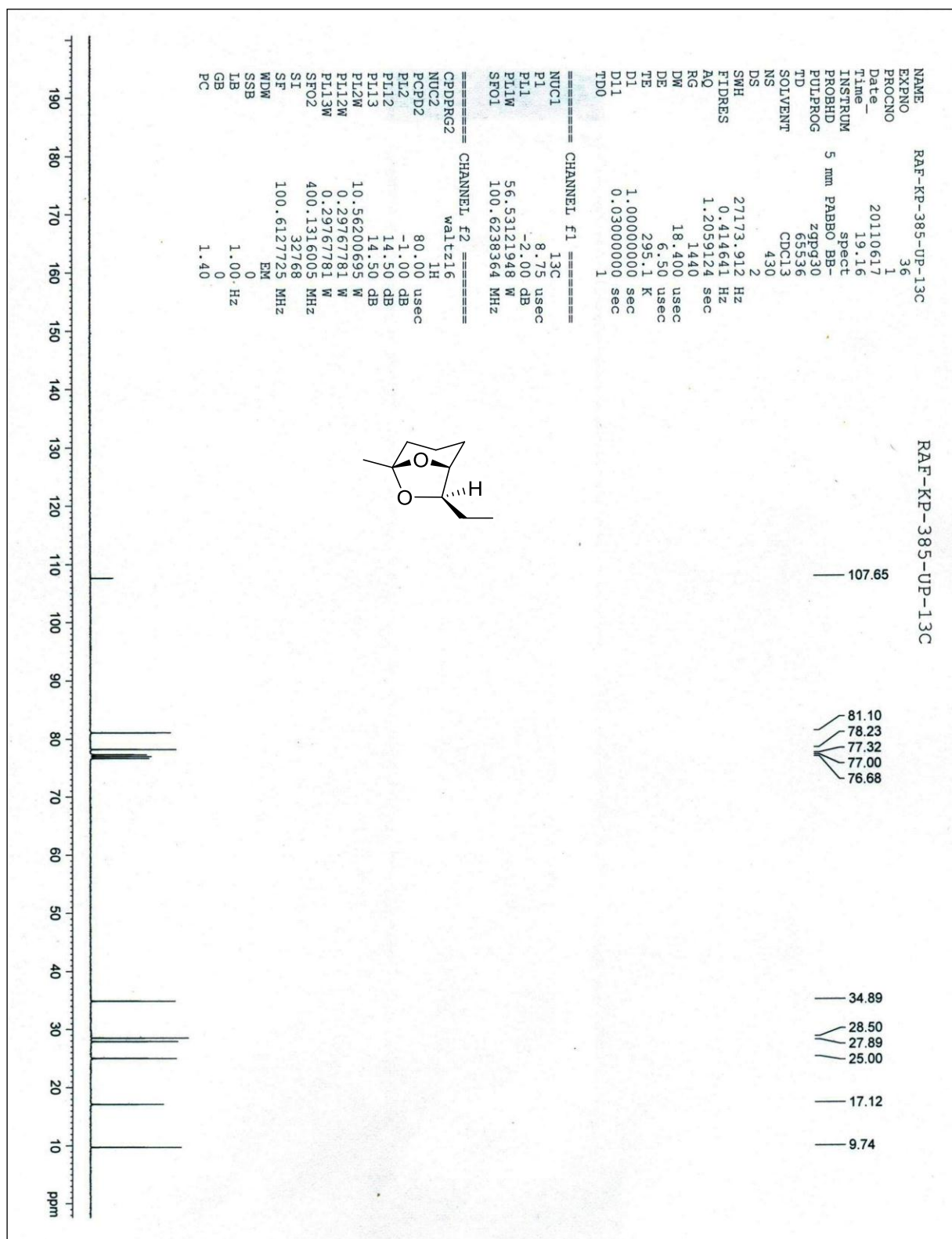
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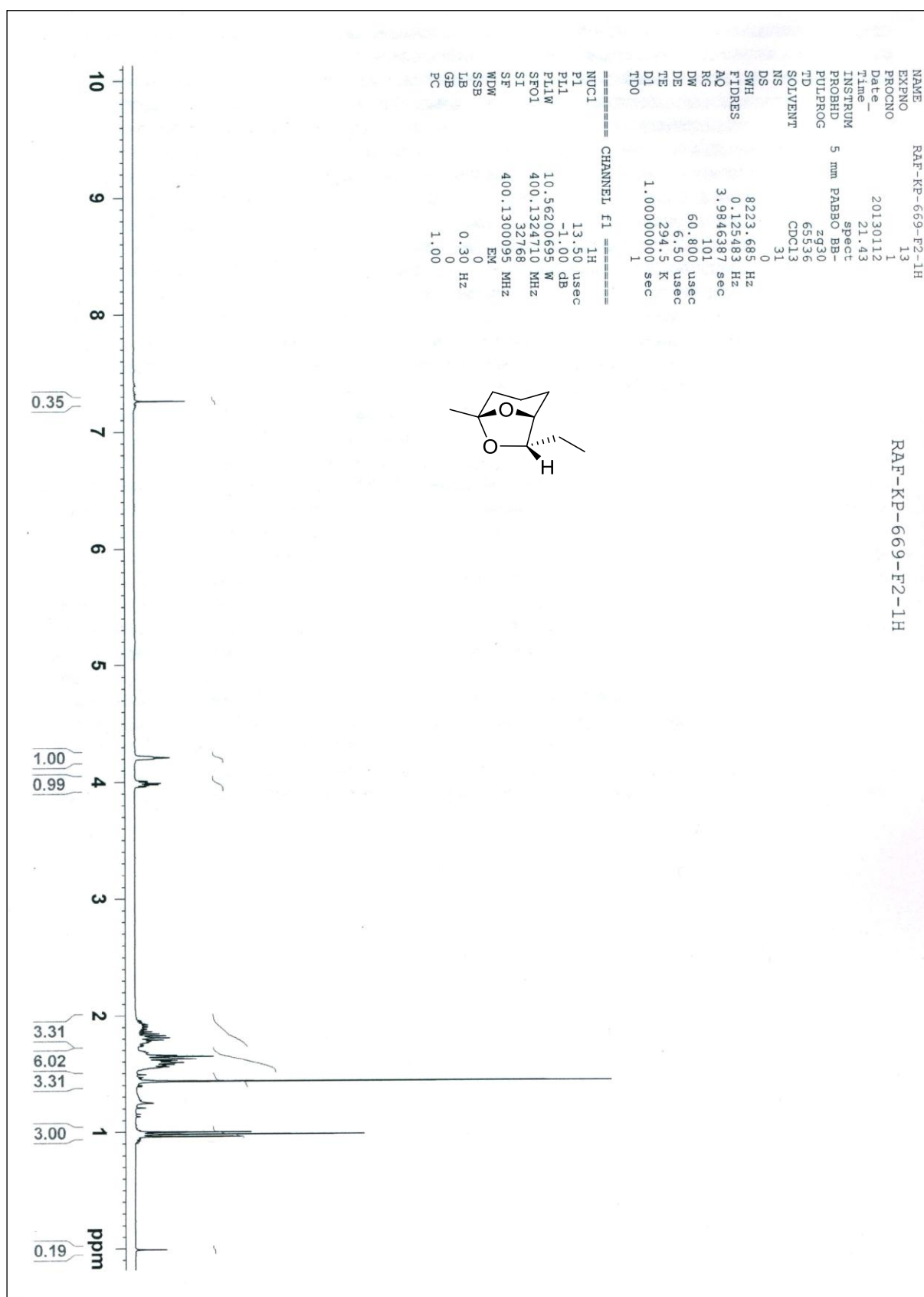
¹H NMR (400 MHz, CDCl₃/TMS) of (+)-*exo*-brevicomine (3)



¹³C NMR (100 MHz, CDCl₃) of (+)-*exo*-brevicomine (3)



¹H NMR (400 MHz, CDCl₃/TMS) of (+)-*endo*-brevicomine (**4**)



¹³C NMR (100 MHz, CDCl₃) of (+)-*endo*-brevicomine (4)

