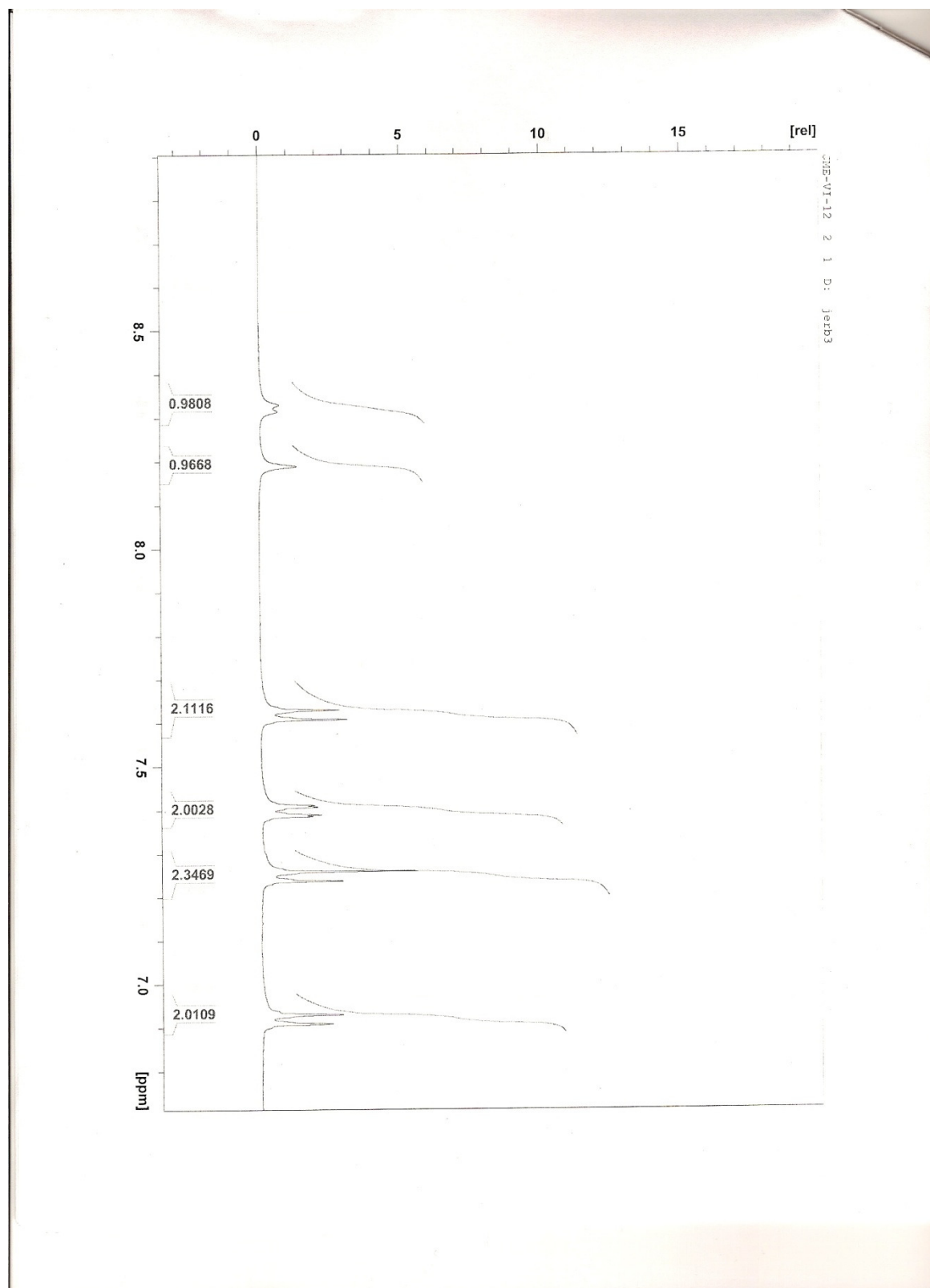
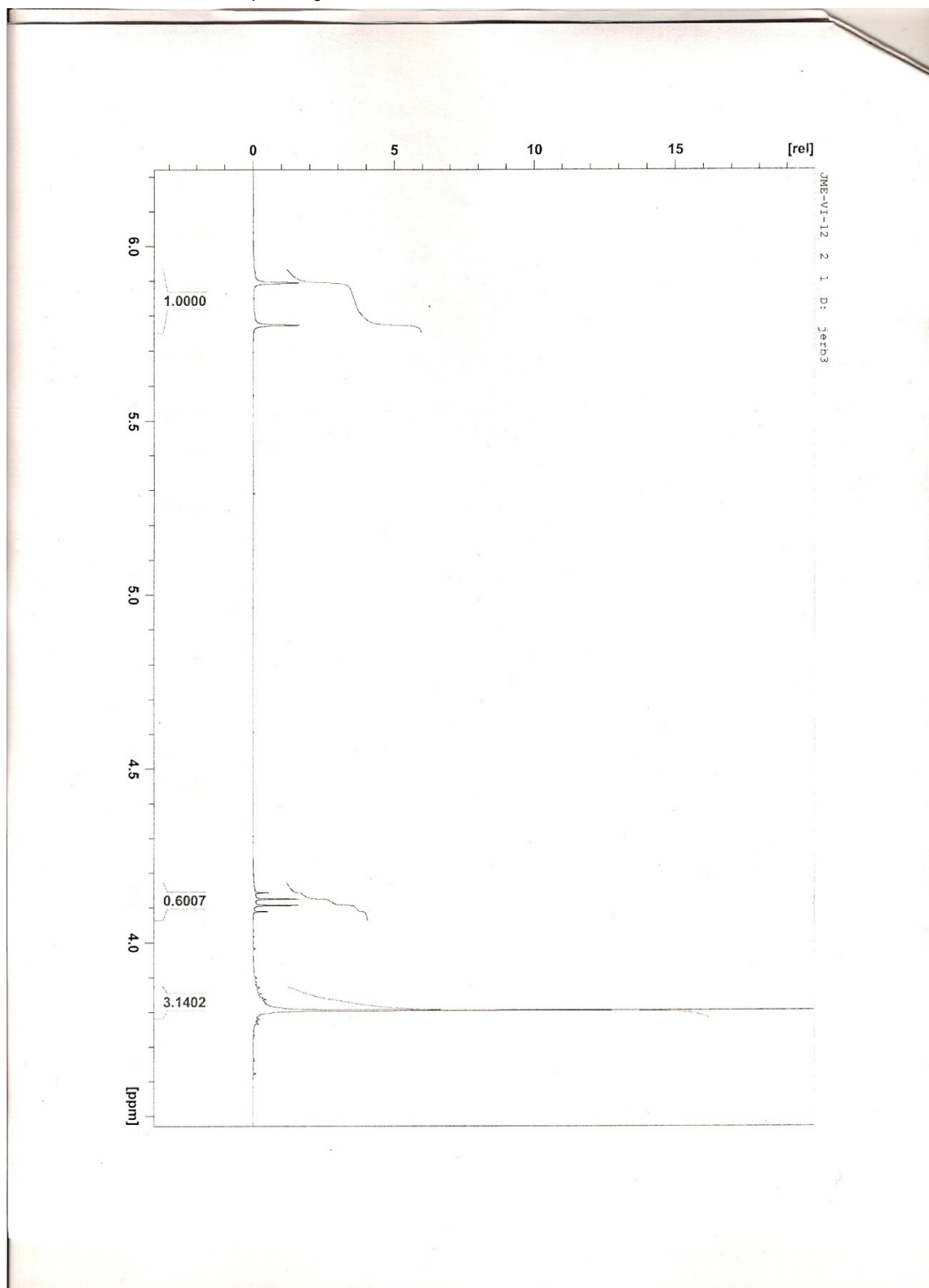


^1H NMR for 3a – 400 MHz, CDCl_3



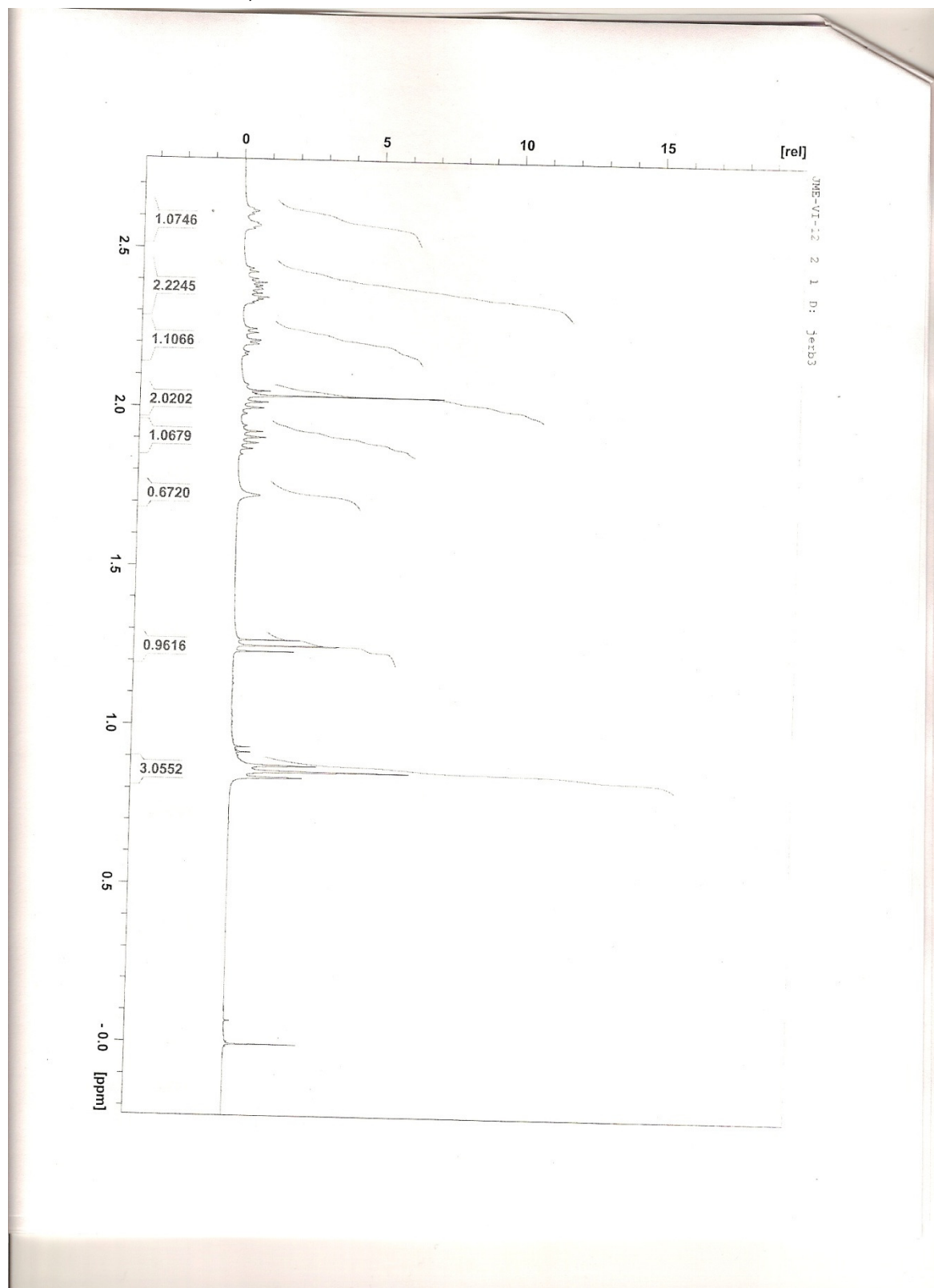
[SP: 2]

^1H NMR for 3a – 400 MHz, CDCl_3

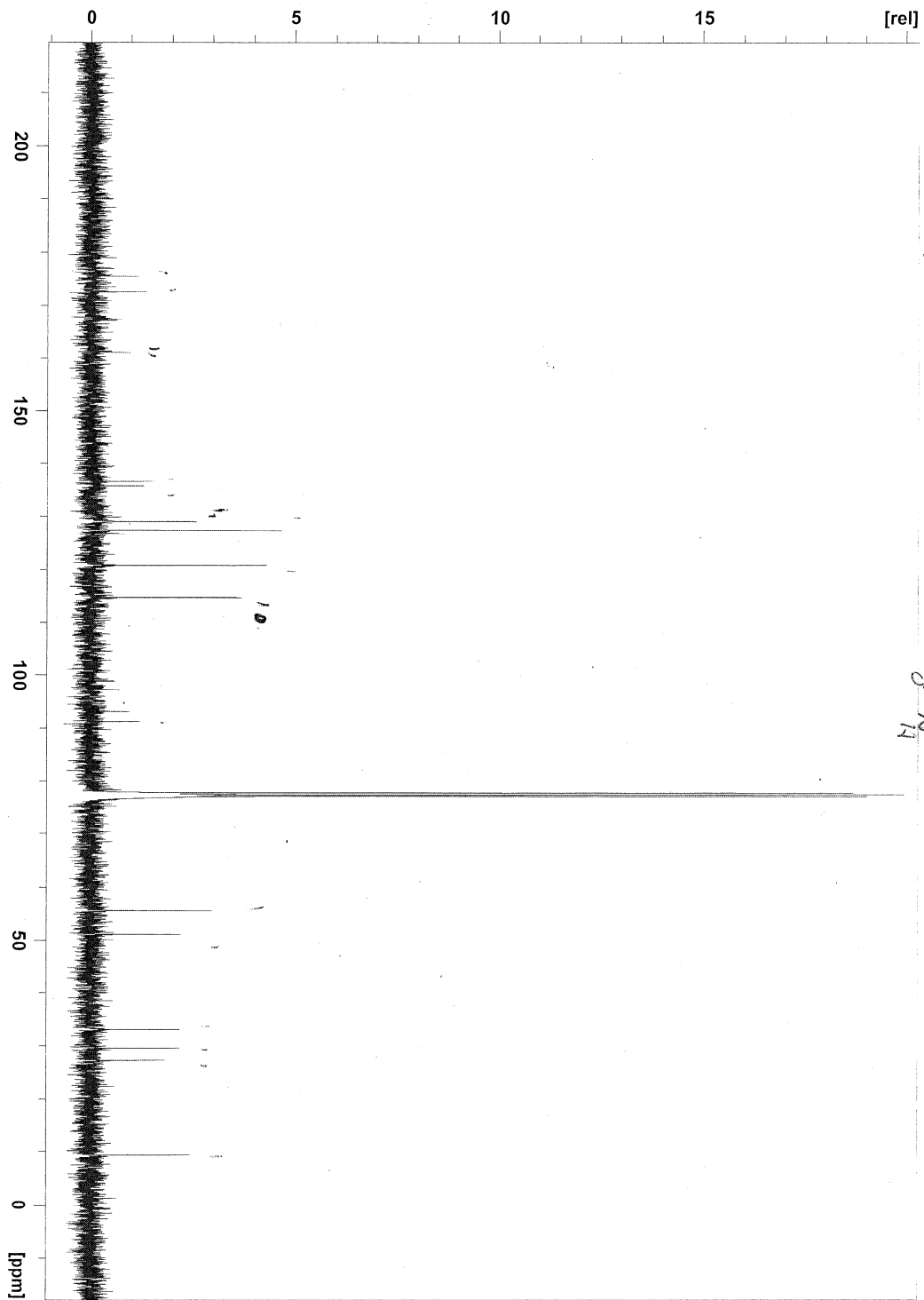


[SP: 3]

^1H NMR for 3a – 400 MHz, C

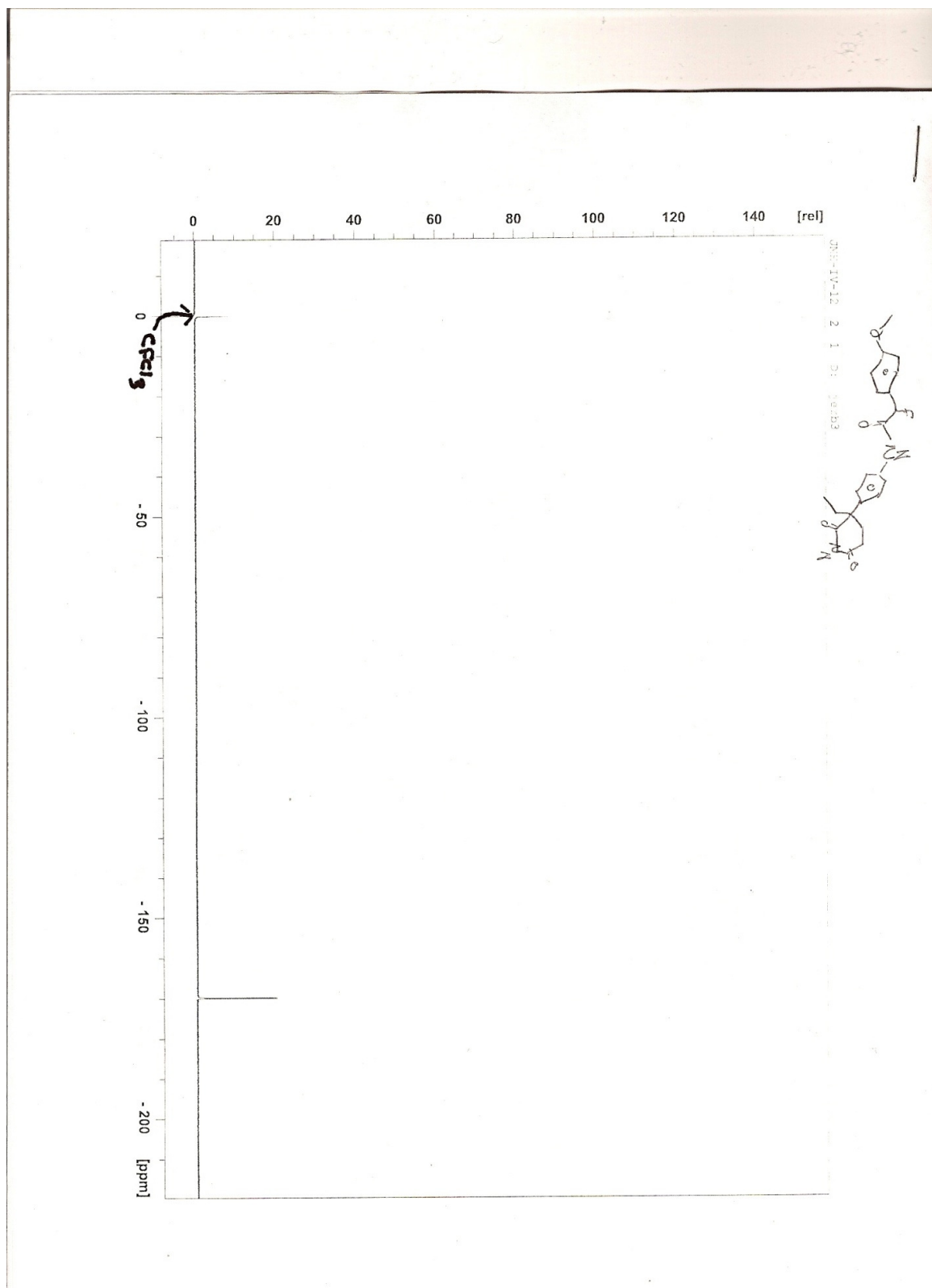


¹³C NMR for 3a – 400 MHz, CDCl₃



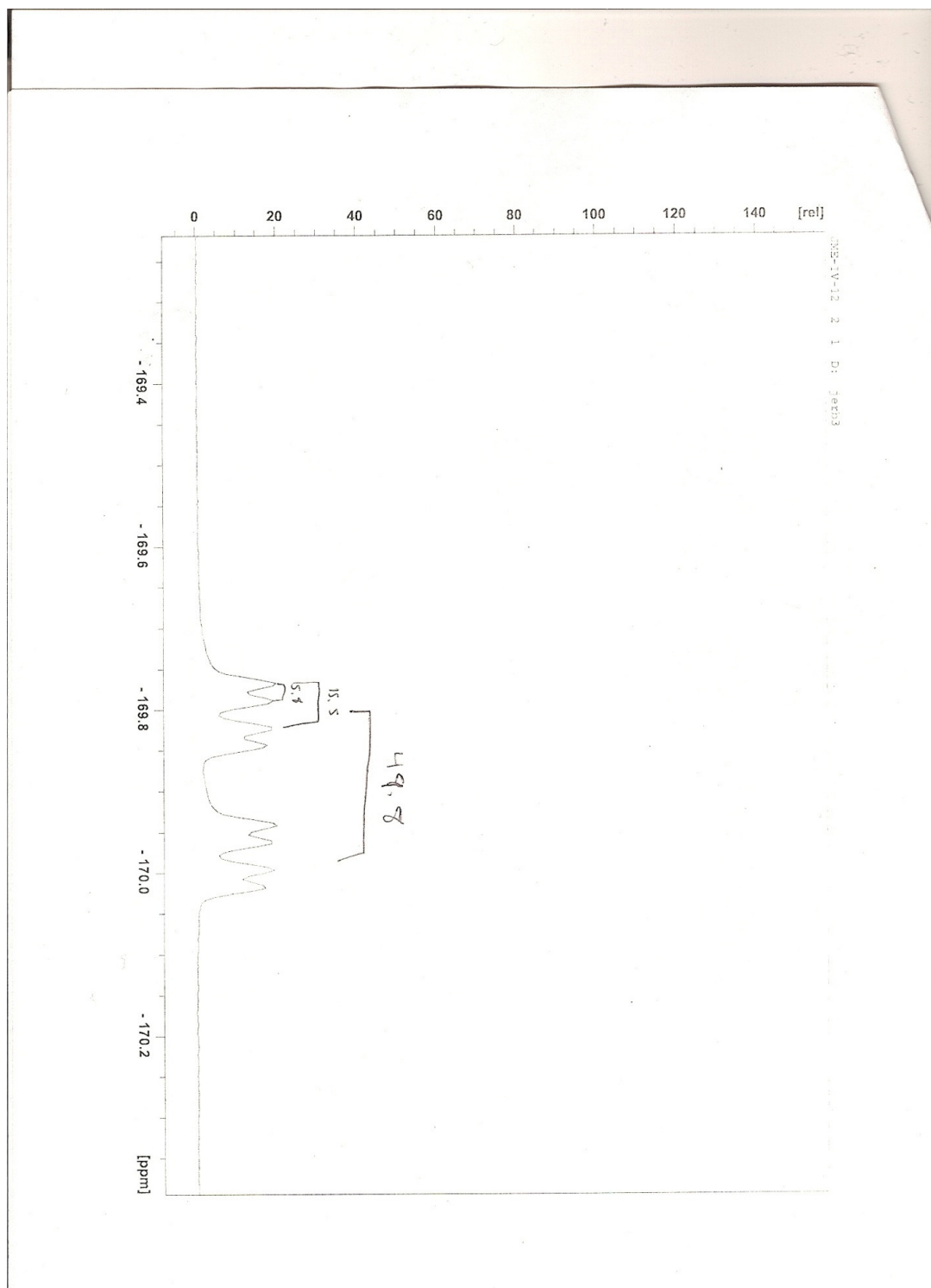
[SP: 5]

^{19}F NMR for 3a – 300 MHz, CDCl_3



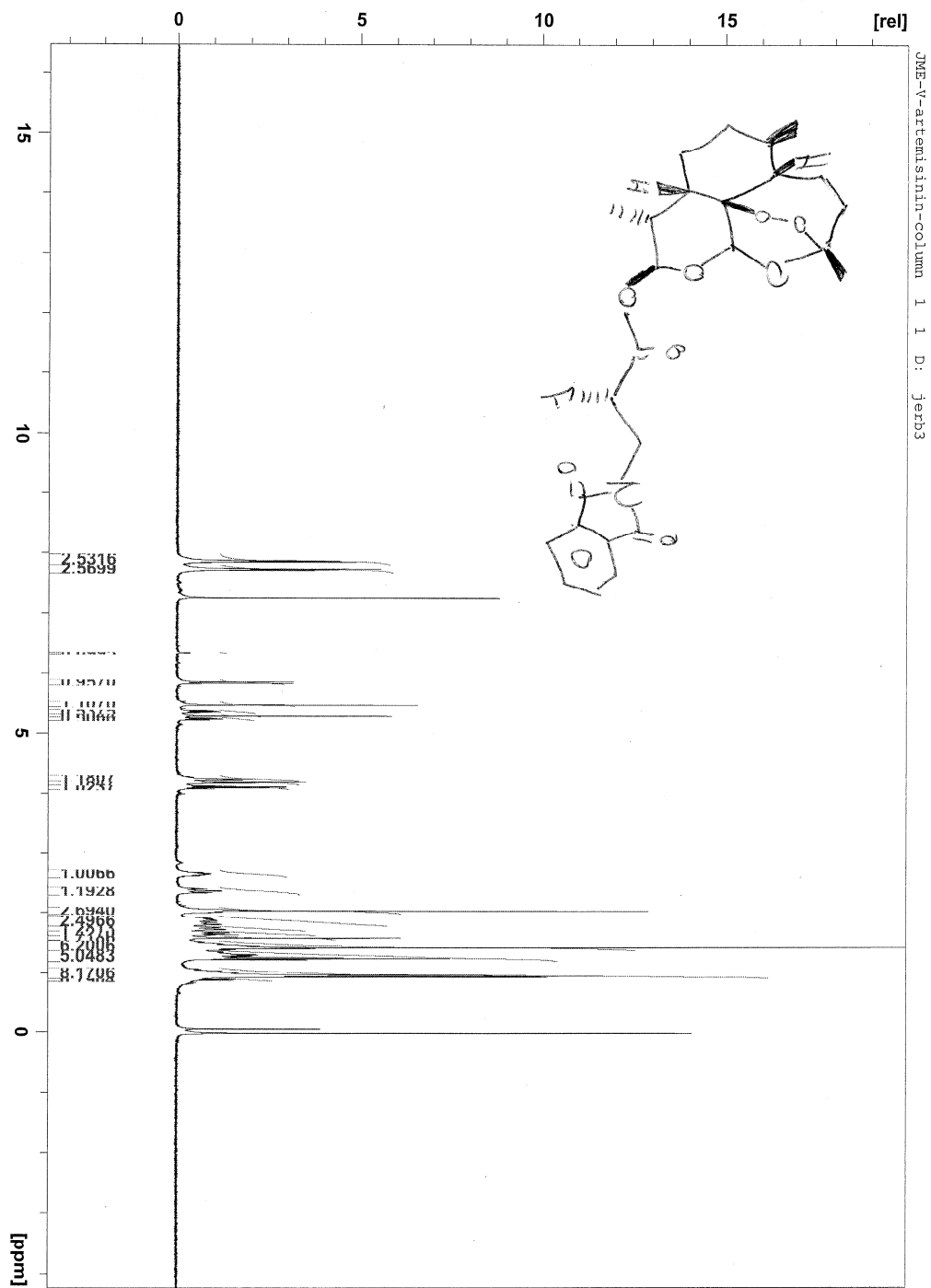
[SP: 6]

^{19}F NMR for 3a – 400 MHz, CDCl_3

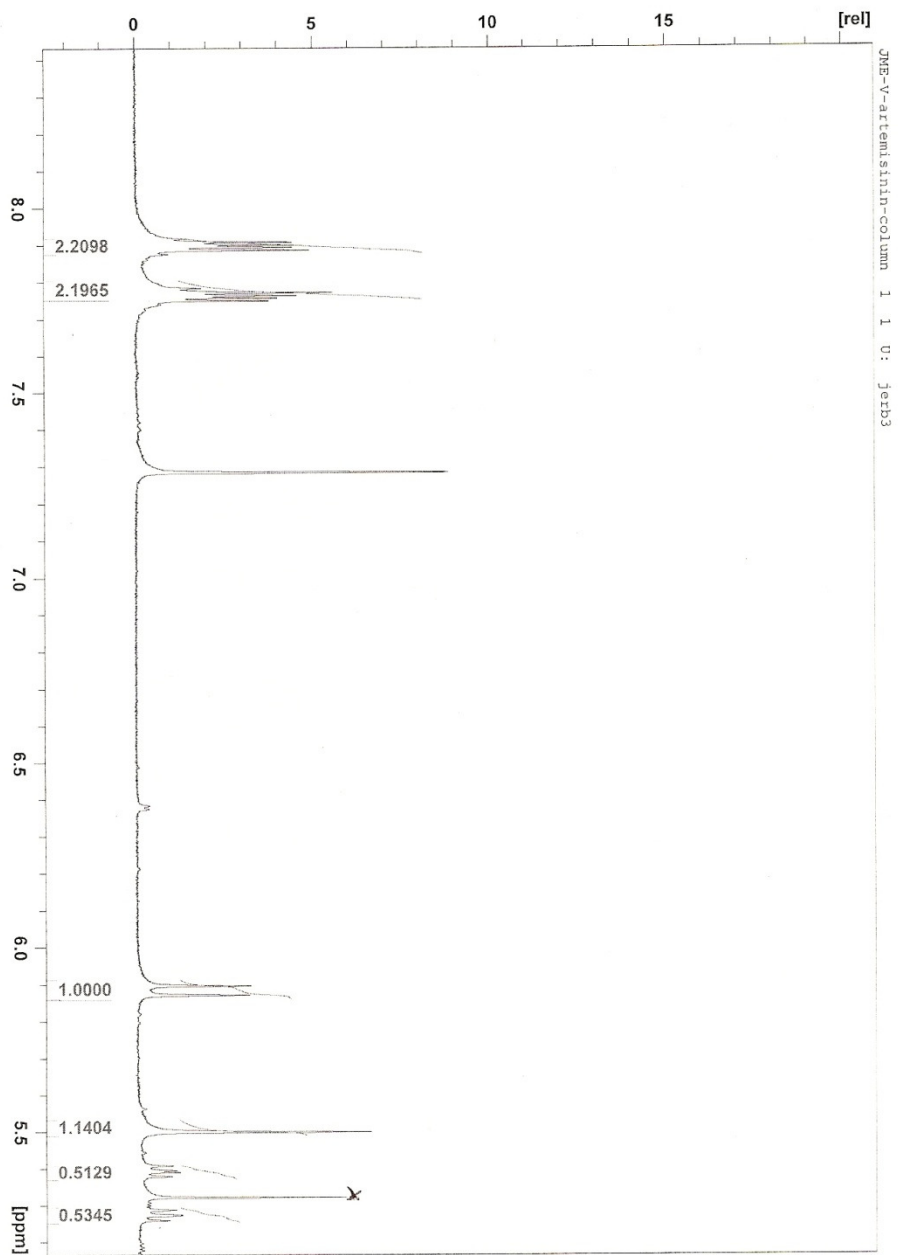


[SP: 7]

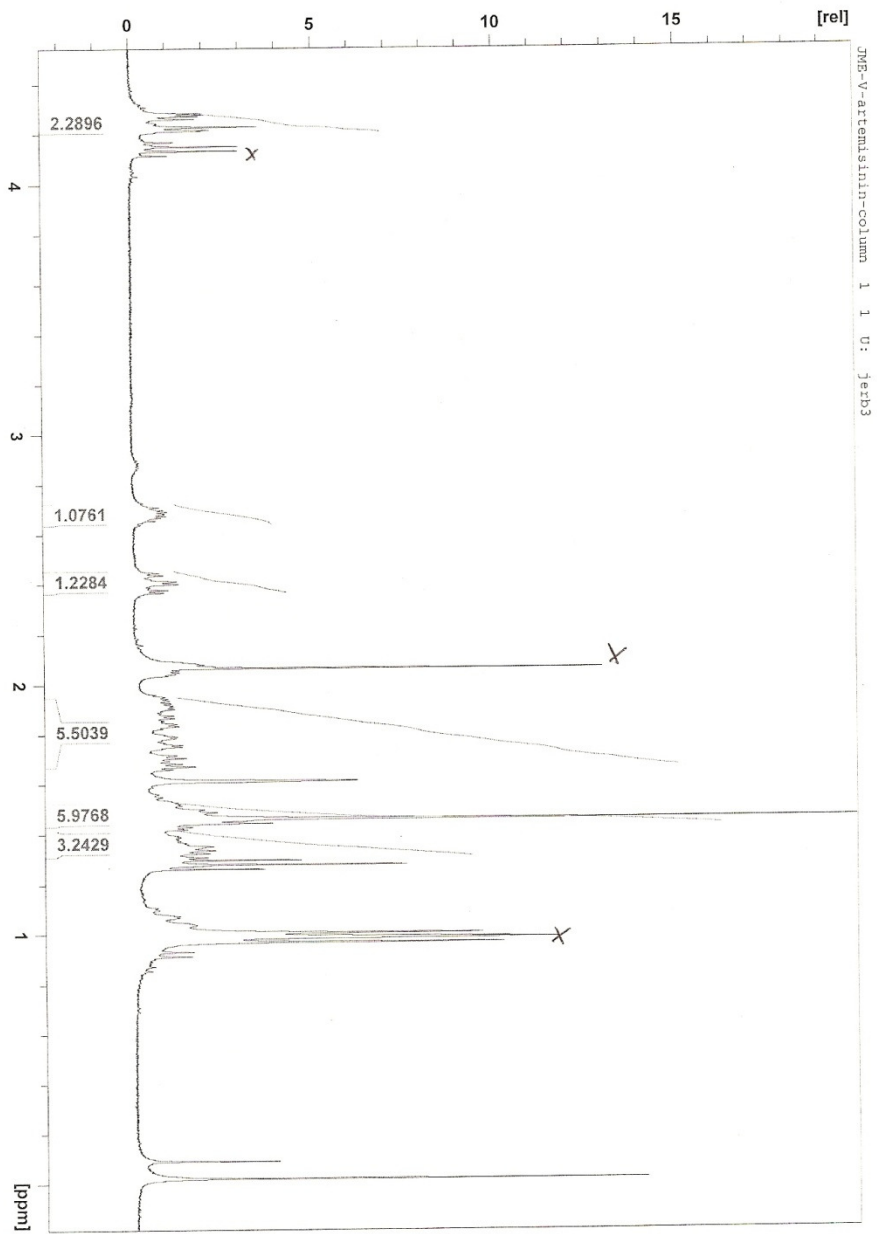
^1H NMR for 3b – 400 MHz, CDCl_3



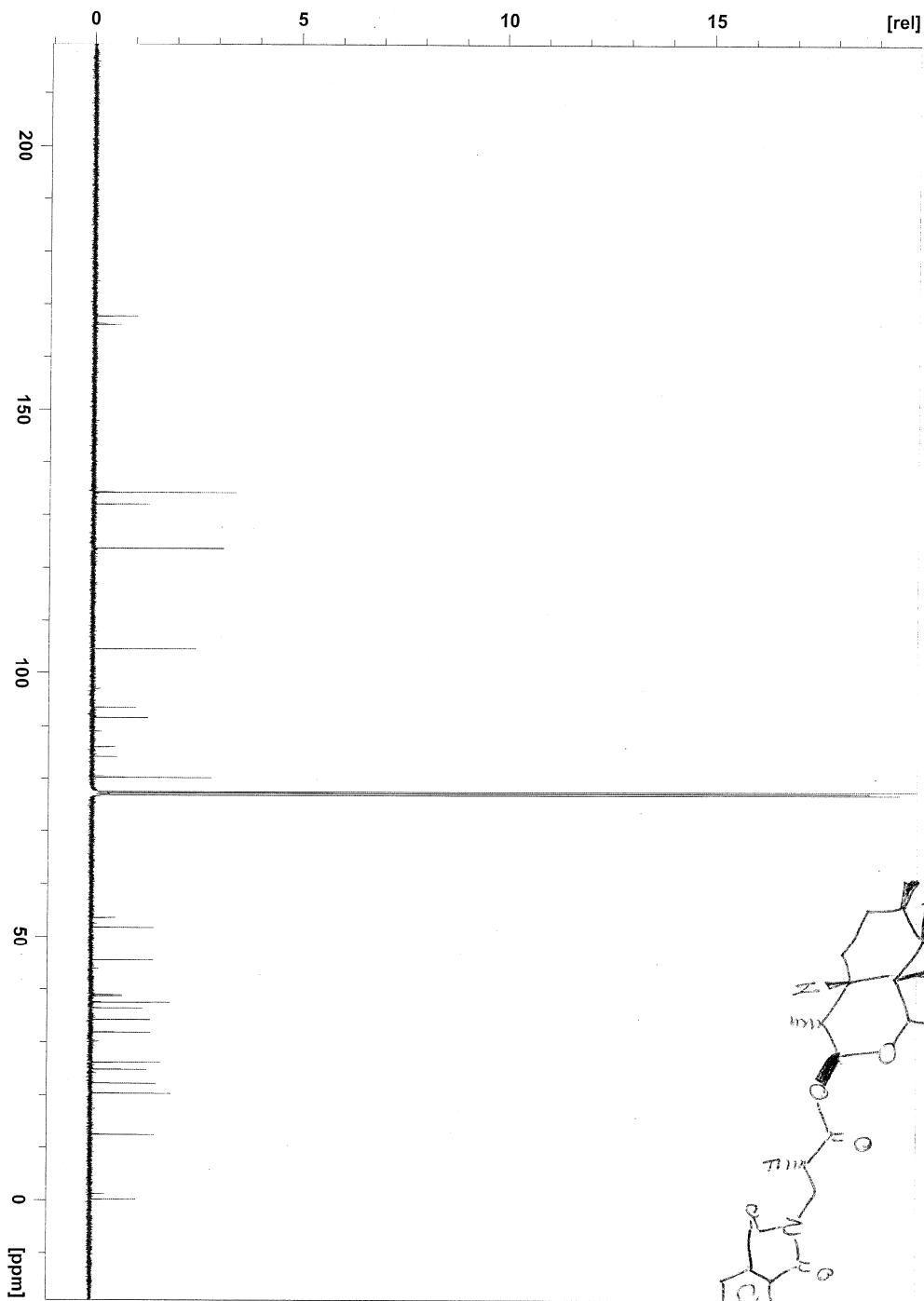
^1H NMR for 3b – 400 MHz, CDCl_3



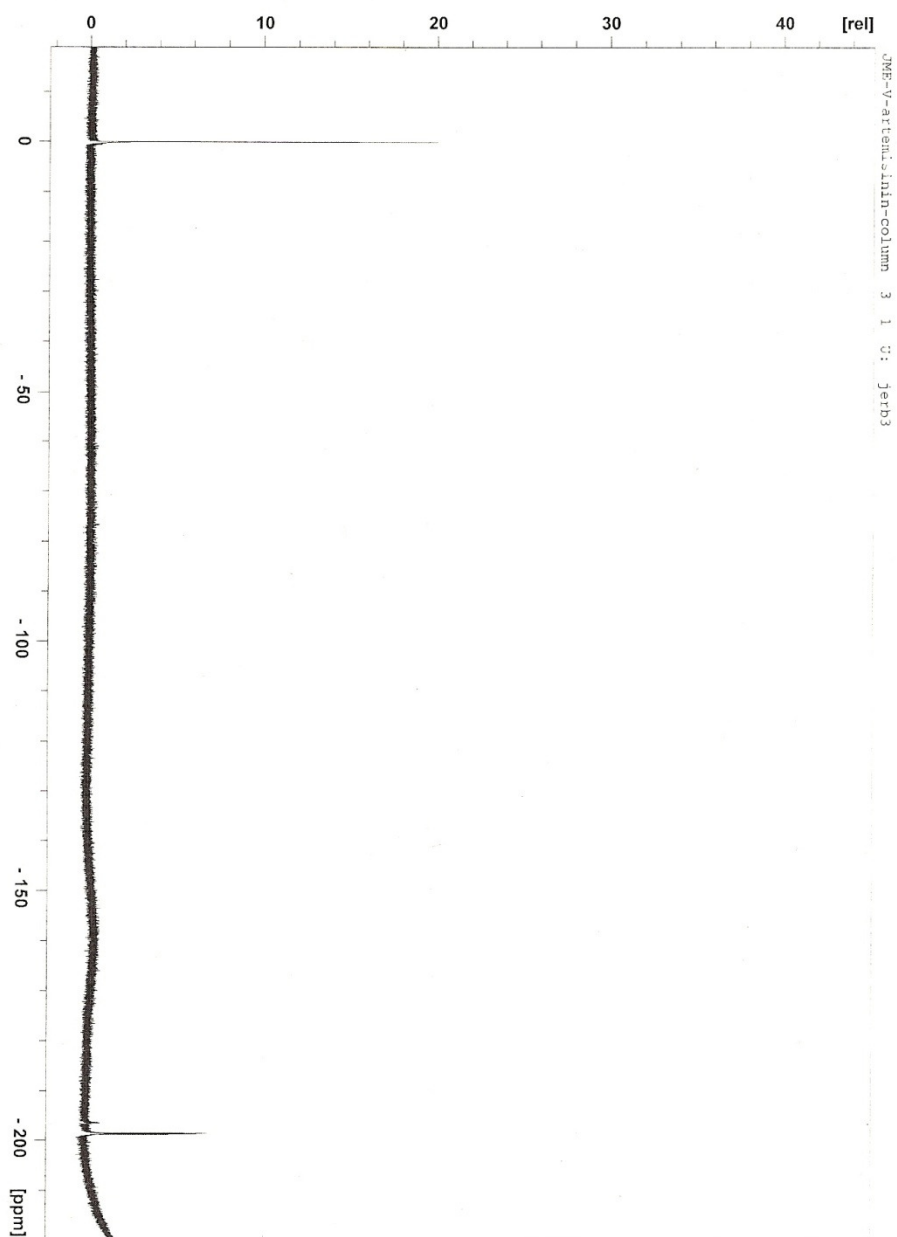
^1H NMR for 3b – 400 MHz, CDCl_3



^{13}C NMR for 3b – 400 MHz, CDCl_3

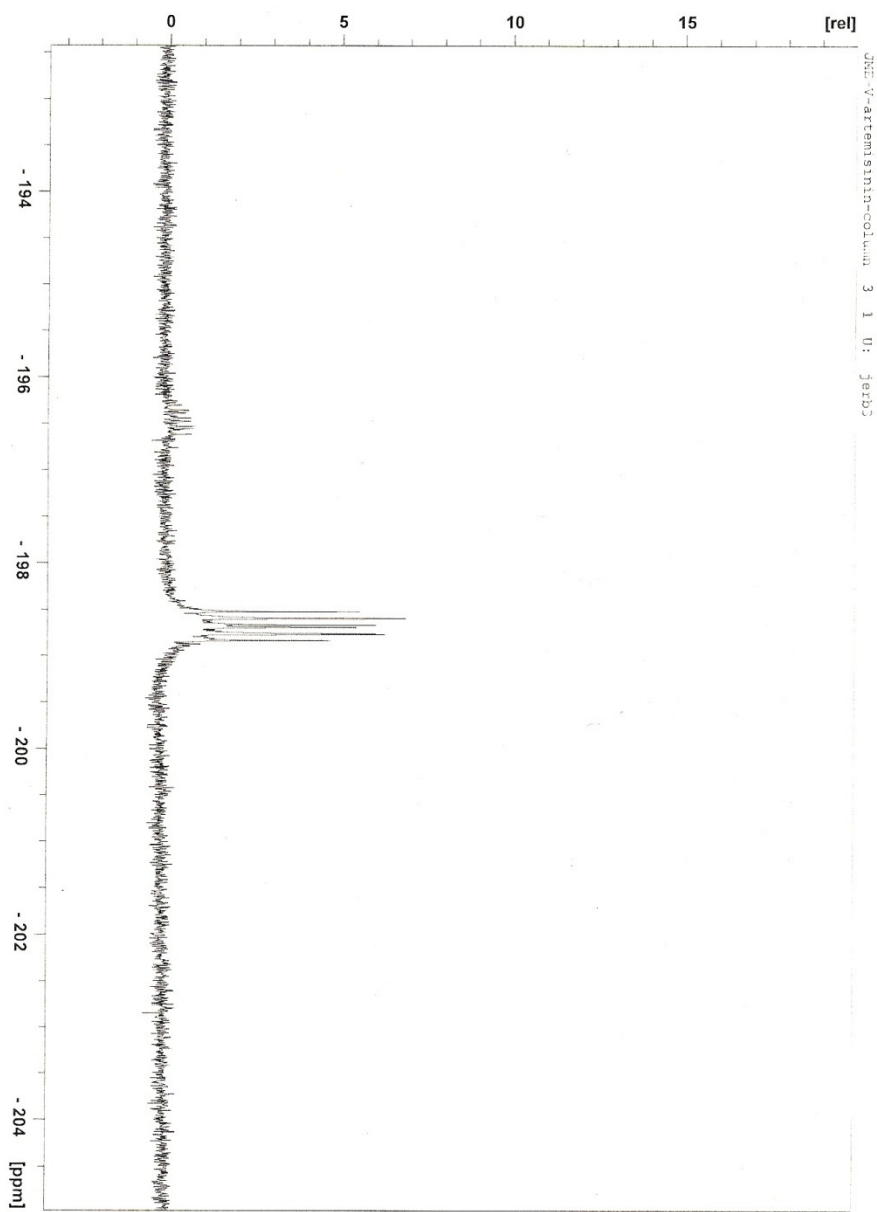


^{19}F NMR for 3b – 300 MHz, CDCl_3

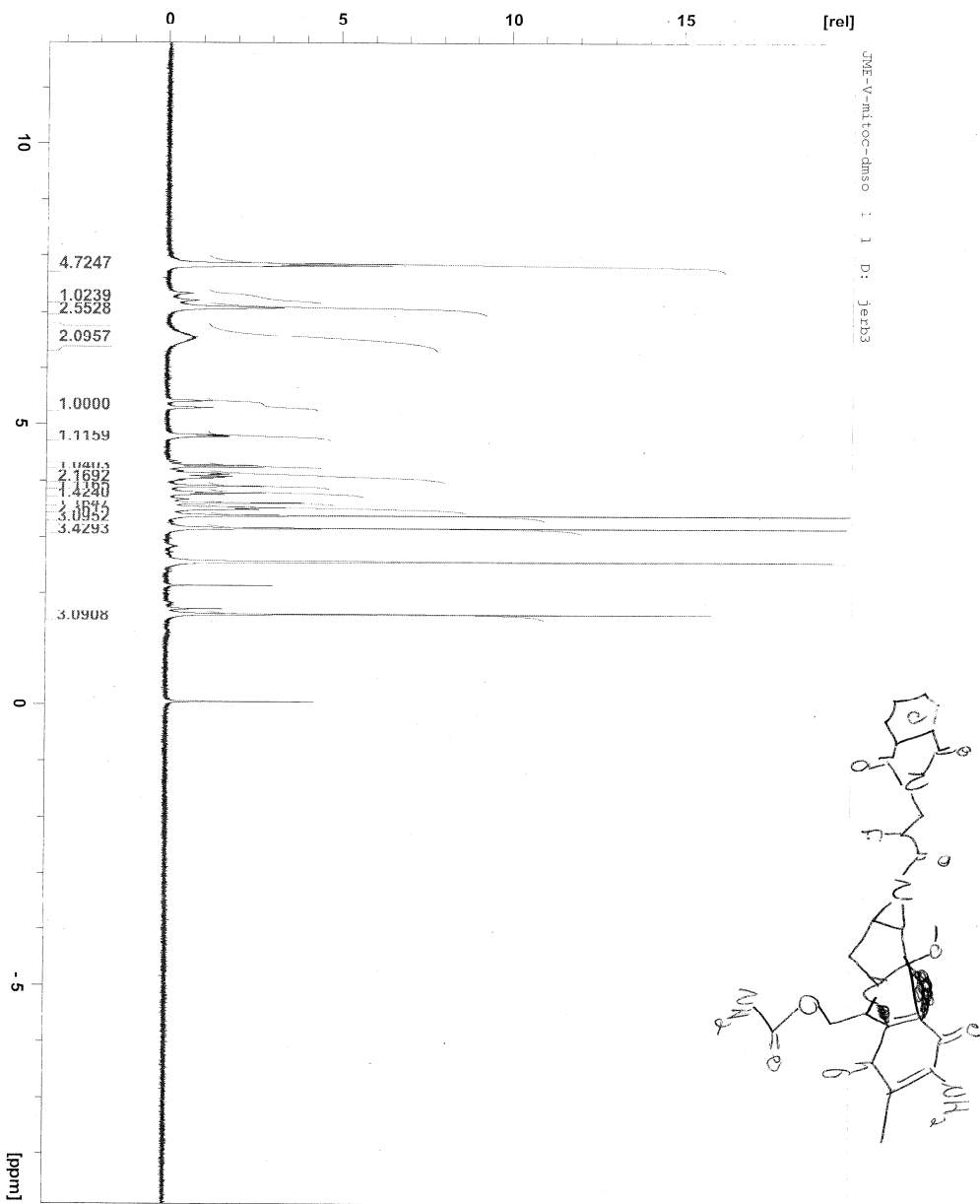


[SP: 12]

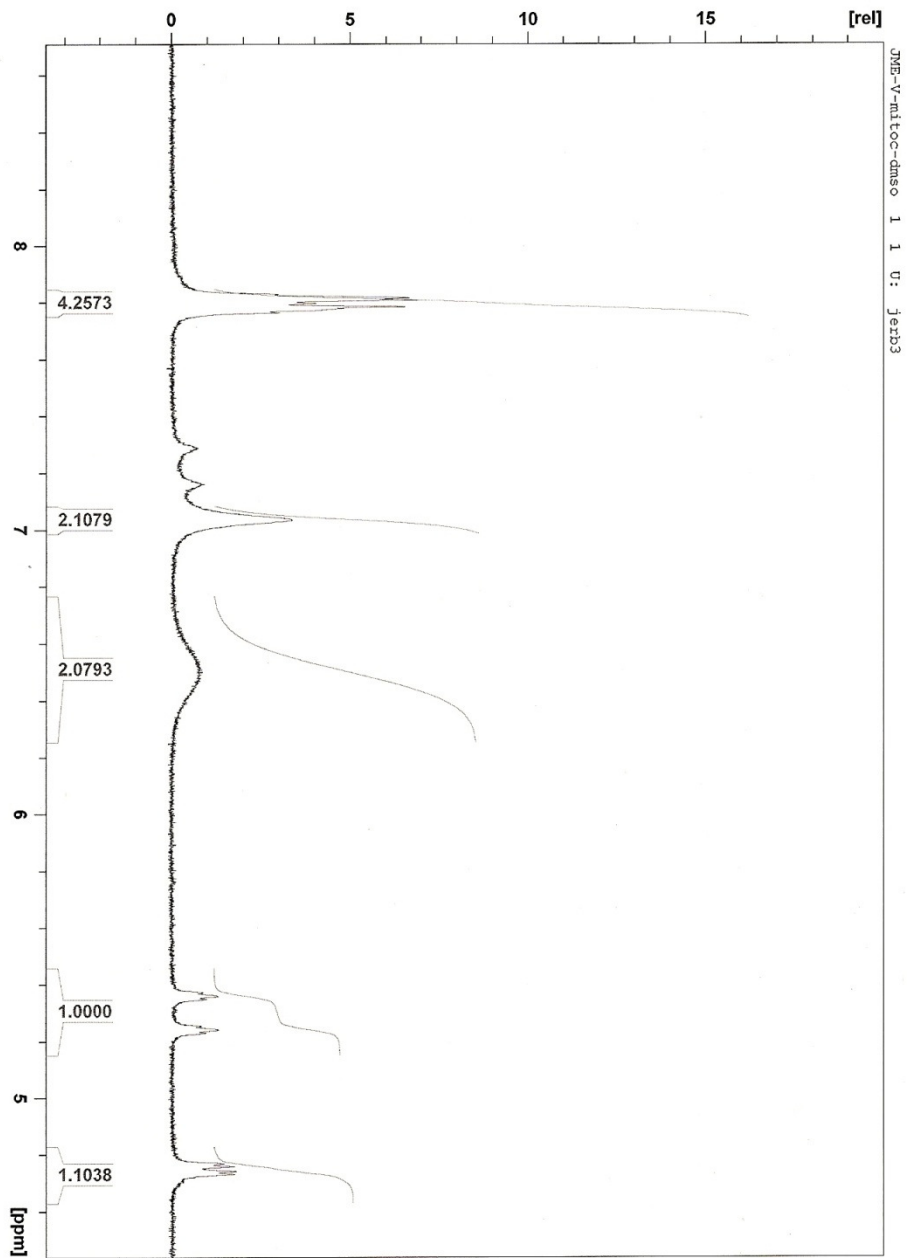
¹⁹F NMR for 3b – 300 MHz, CDCl₃



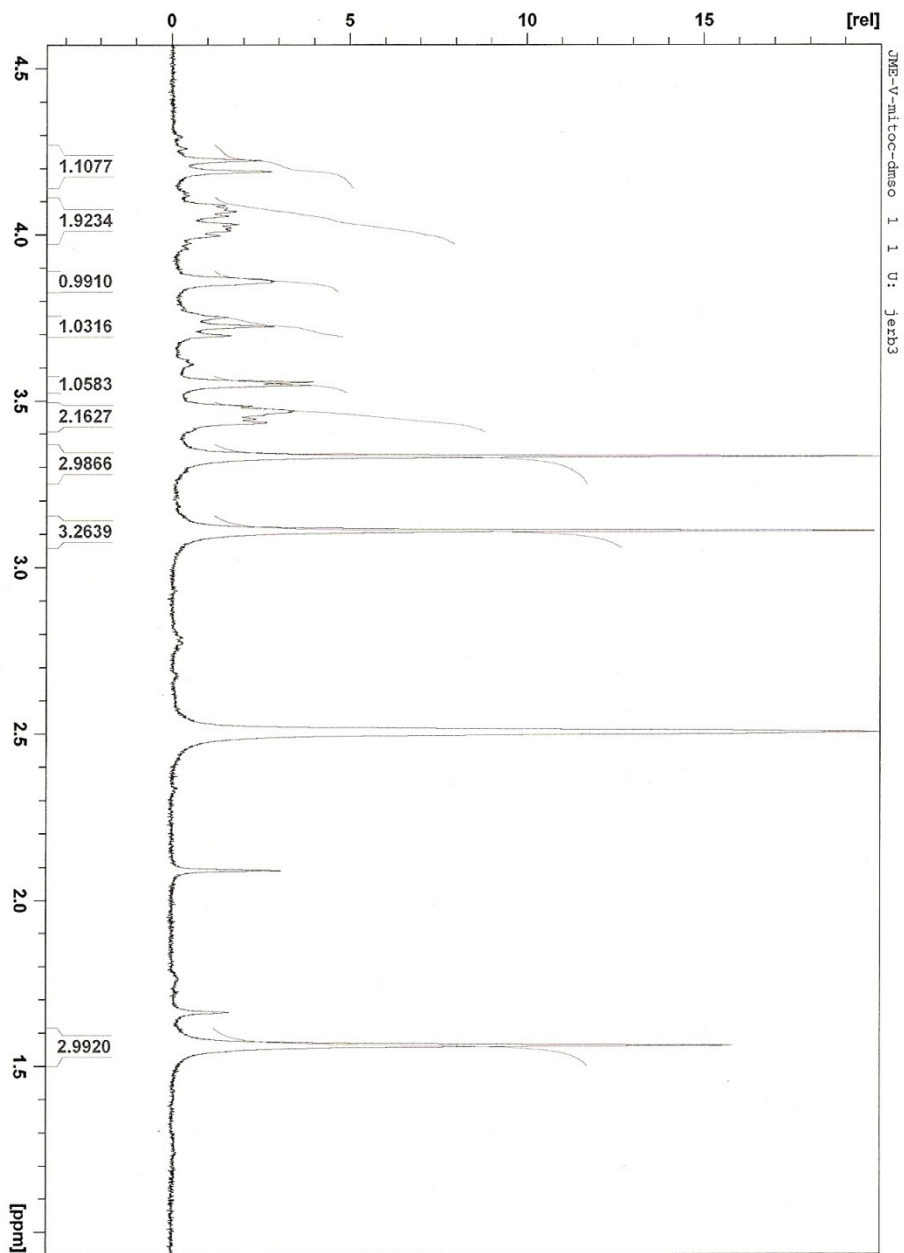
^1H NMR for 3c – 400 MHz, DMSO-D_6



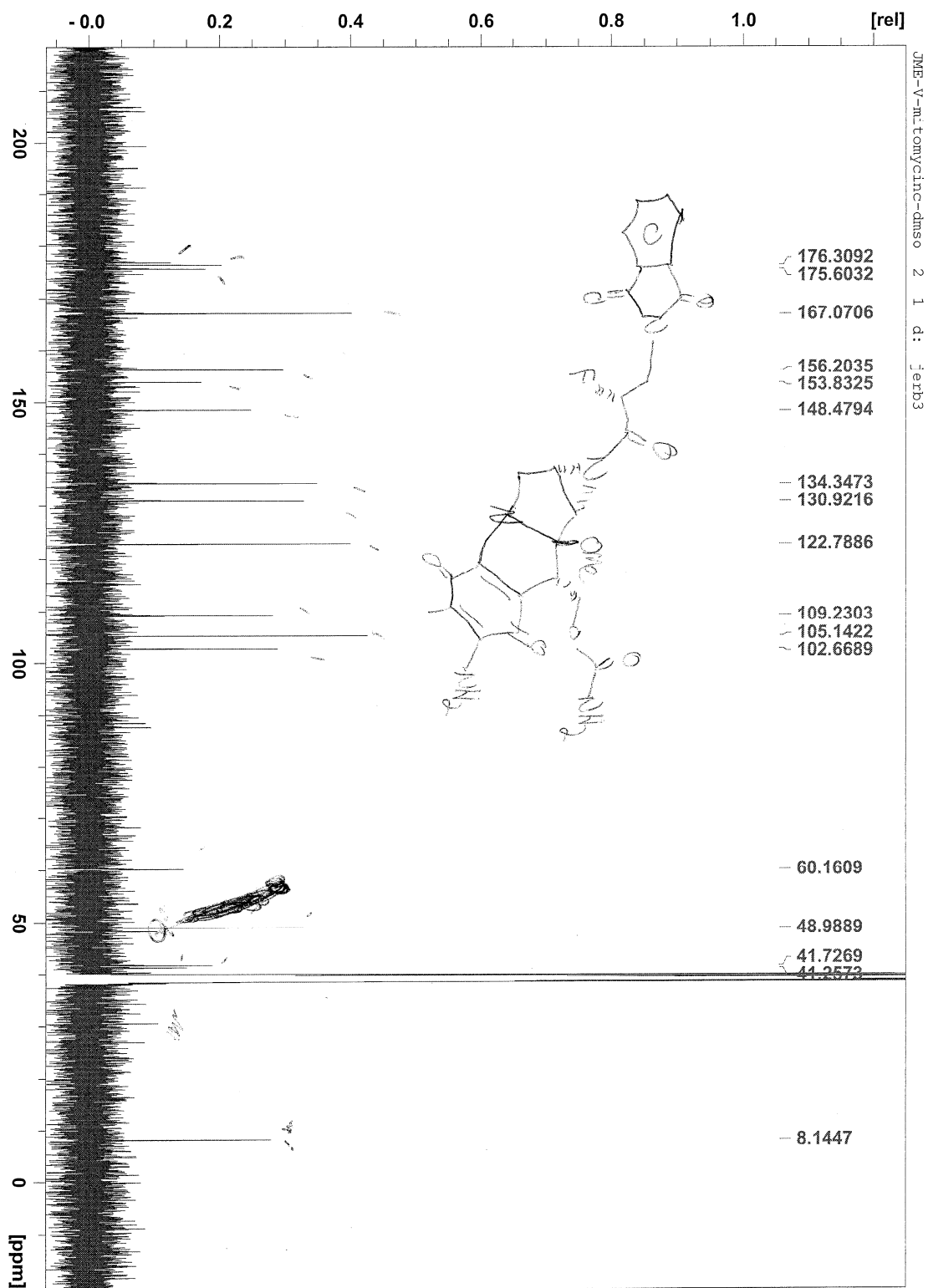
^1H NMR for 3c – 400 MHz, DMSO-D_6



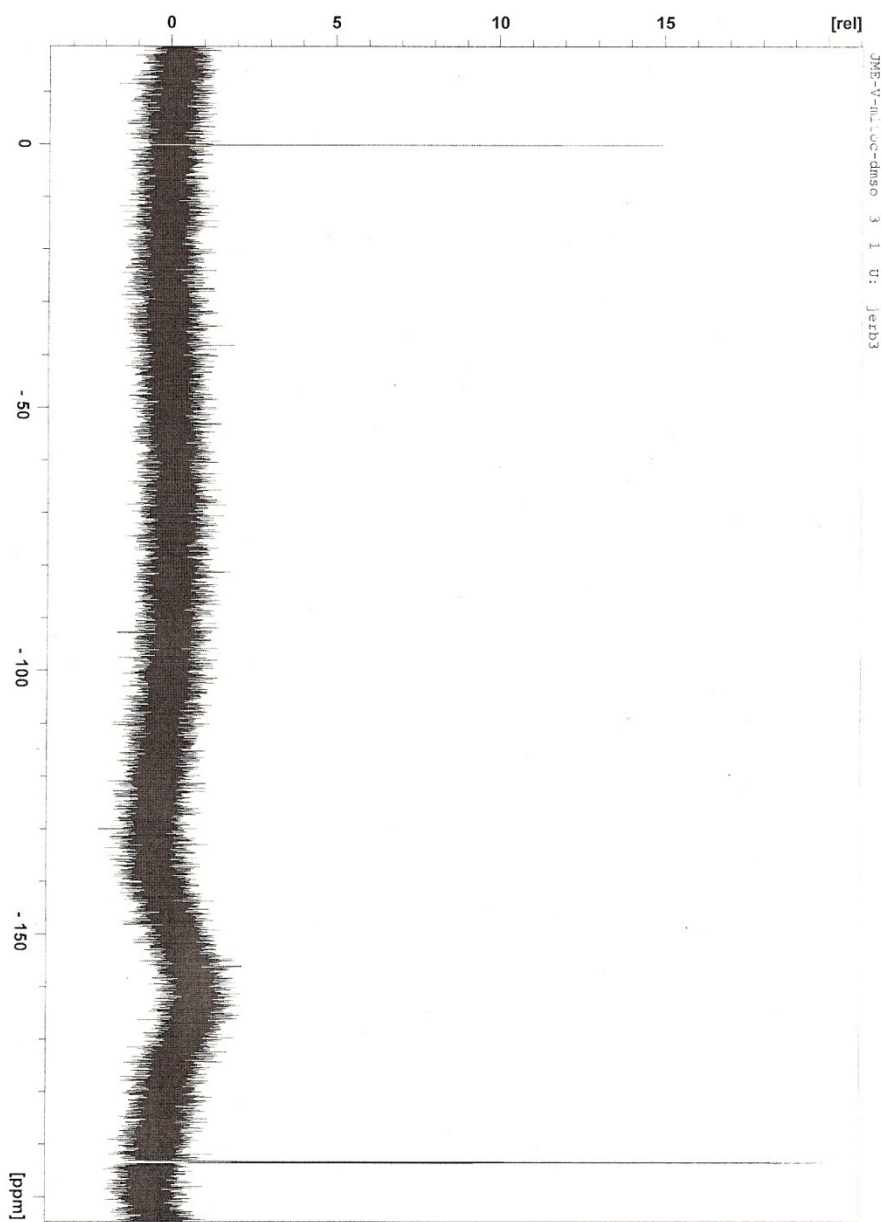
^1H NMR for 3c – 400 MHz, DMSO-D_6



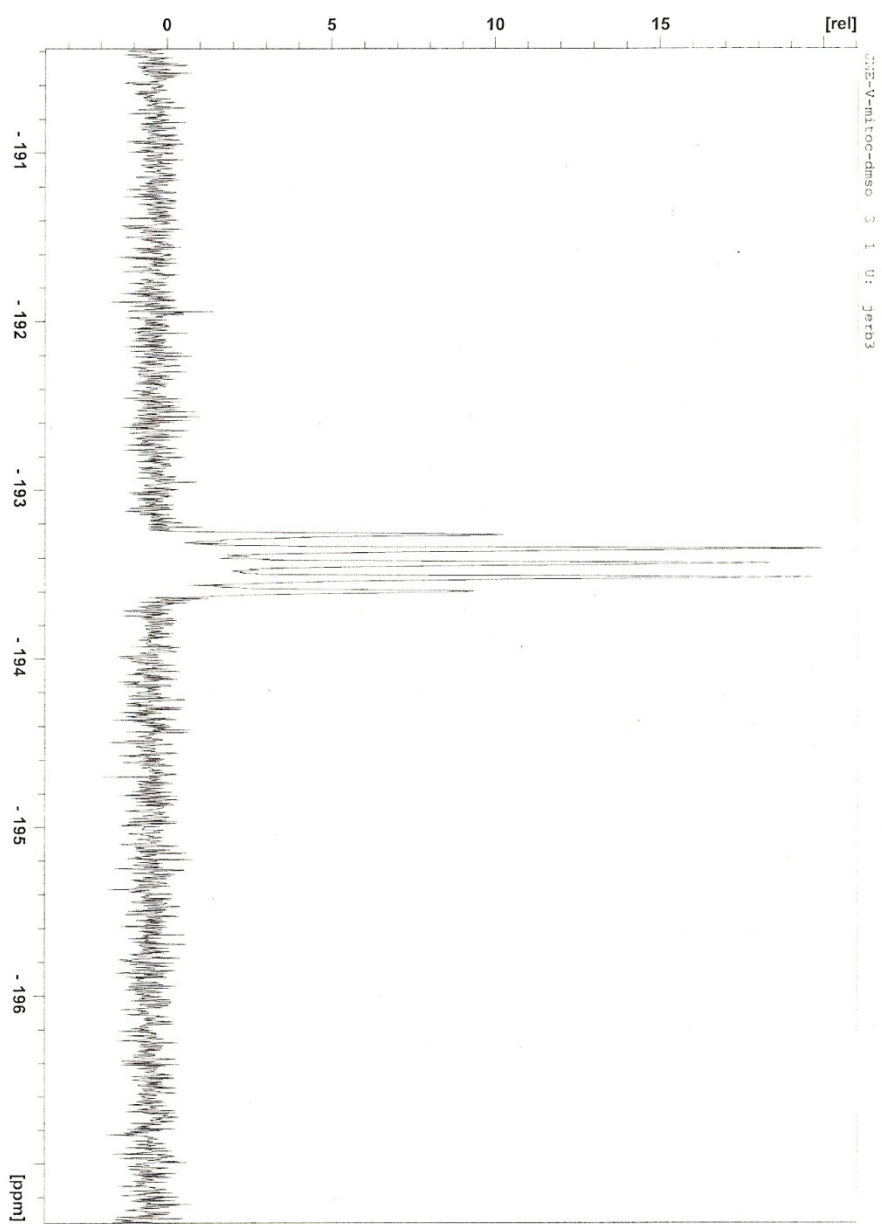
¹³C NMR for 3c – 400 MHz, DMSO-D₆



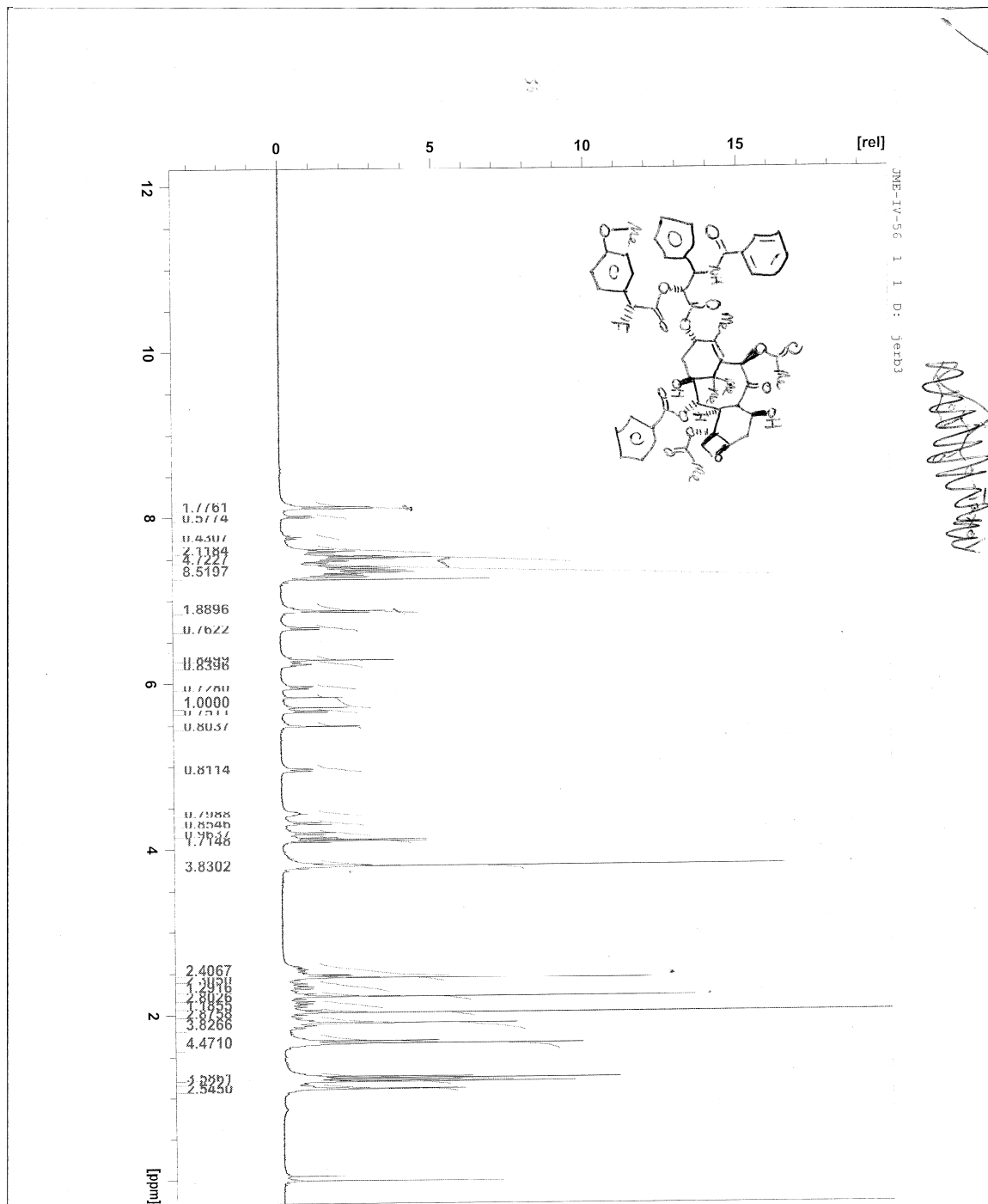
^{19}F NMR for 3c – 300 MHz, DMSO- D_6



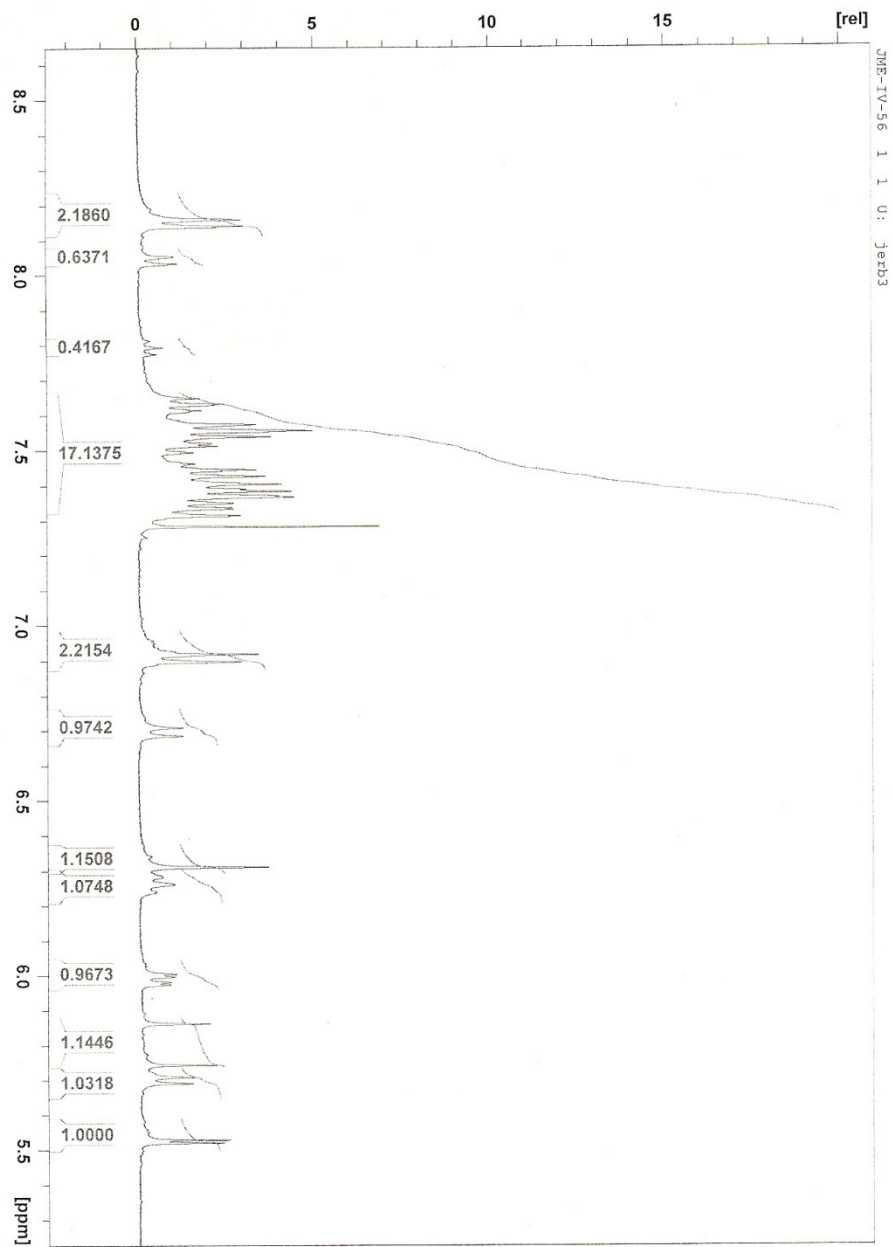
^{19}F NMR for 3c – 300 MHz, DMSO-D_6



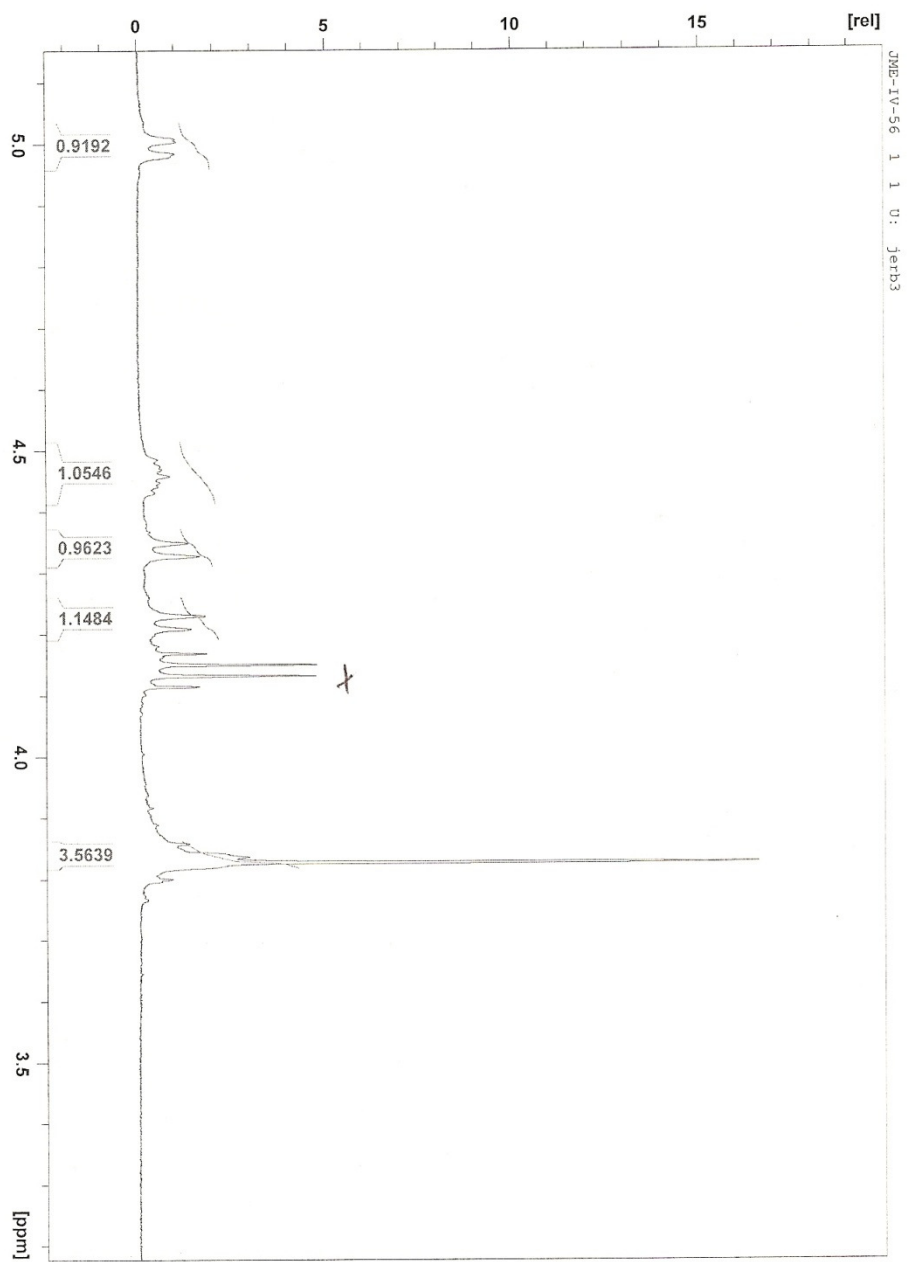
^1H NMR for 3d – 400 MHz, CDCl_3



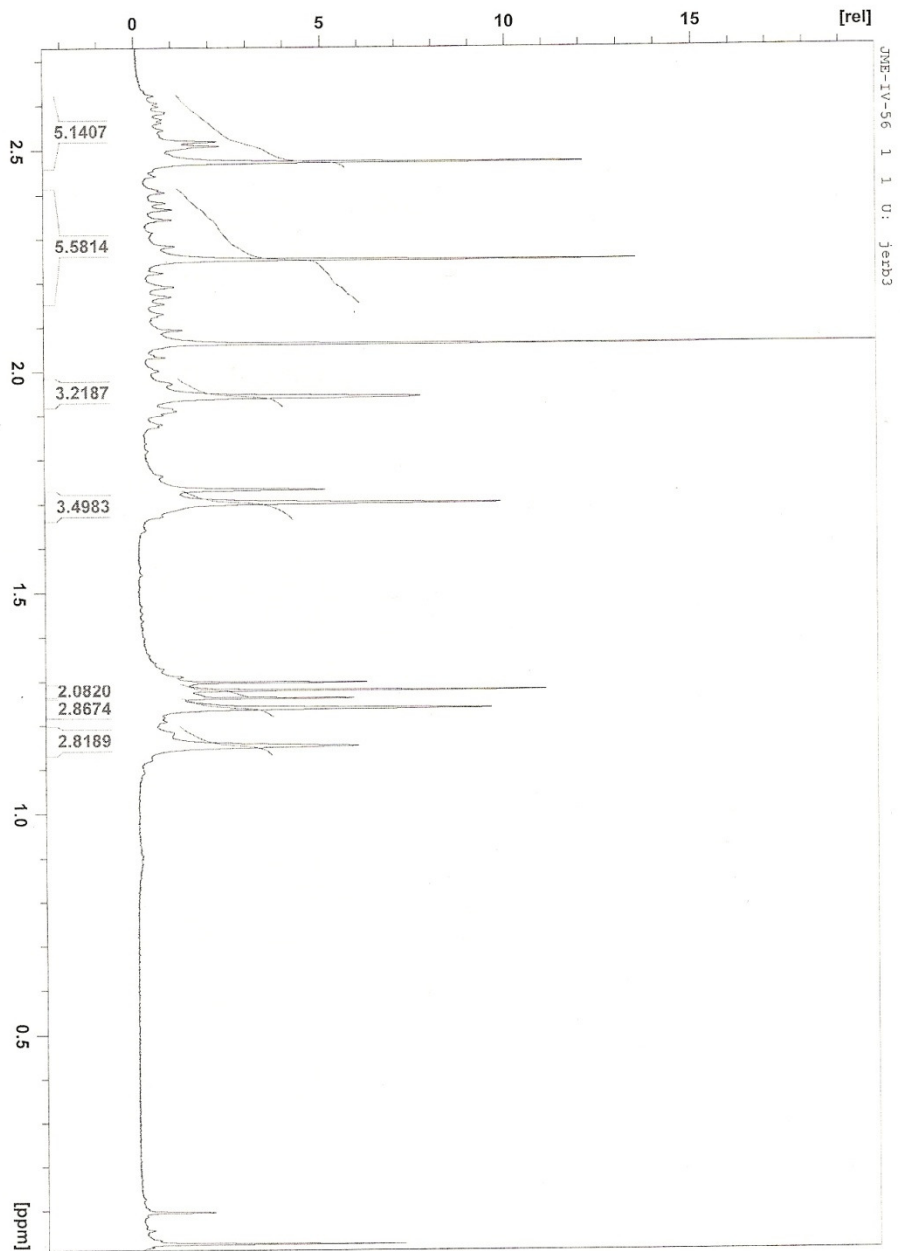
^1H NMR for 3d – 400 MHz, CDCl_3



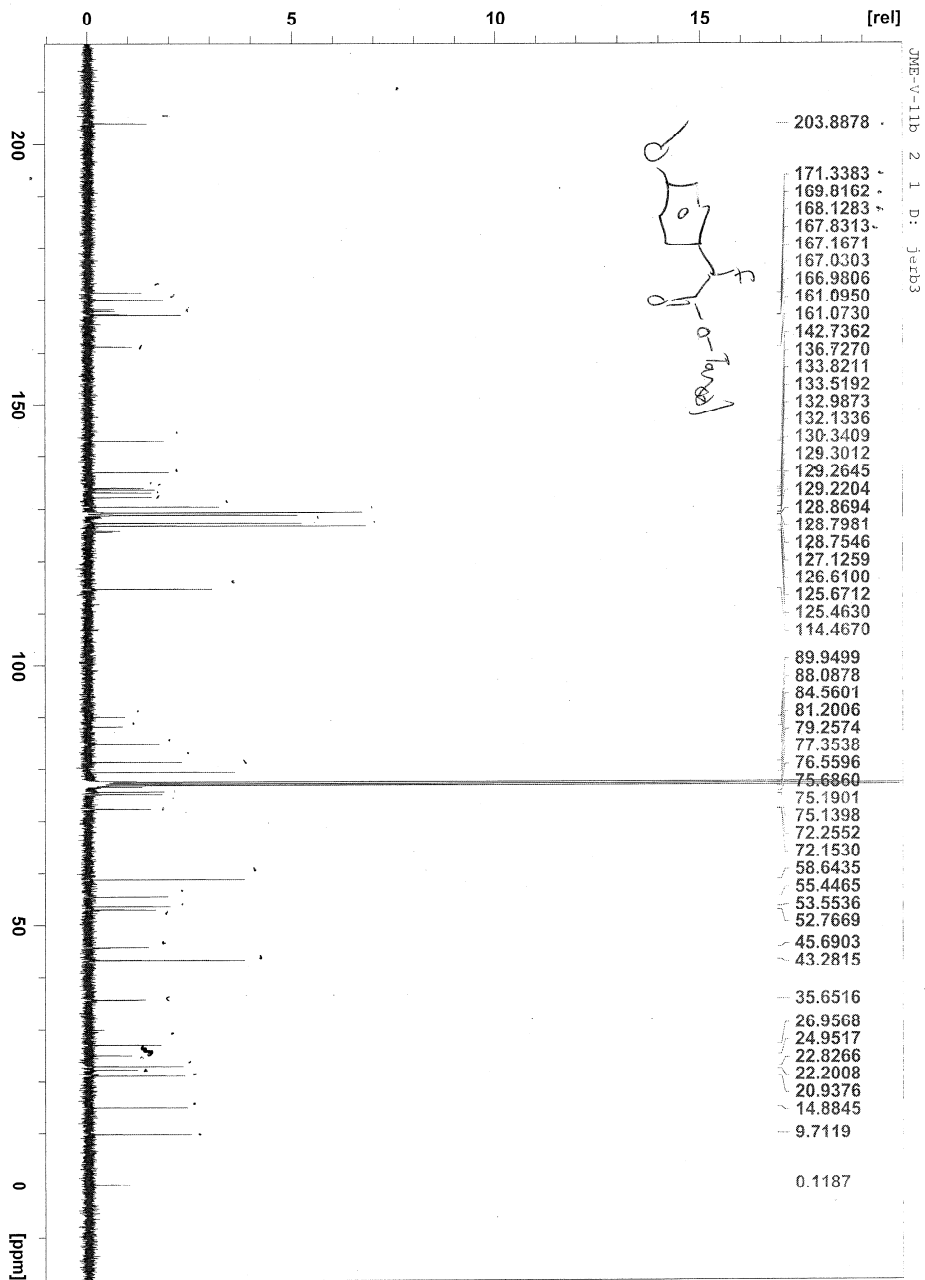
^1H NMR for 3d – 400 MHz, CDCl_3



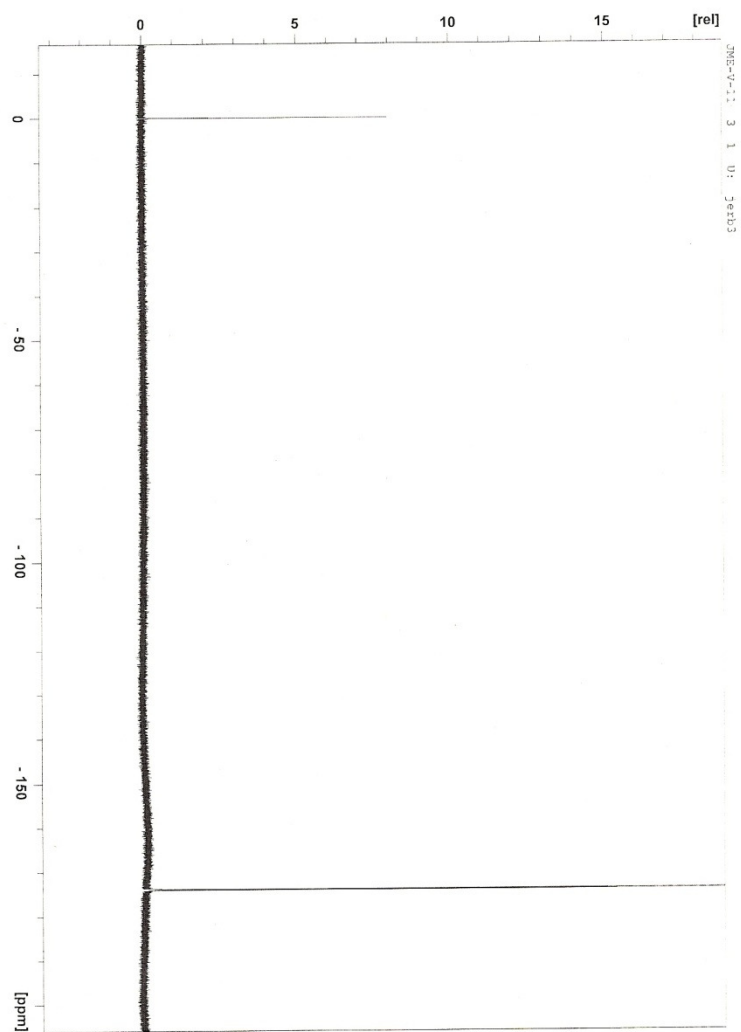
^1H NMR for 3d – 400 MHz, CDCl_3



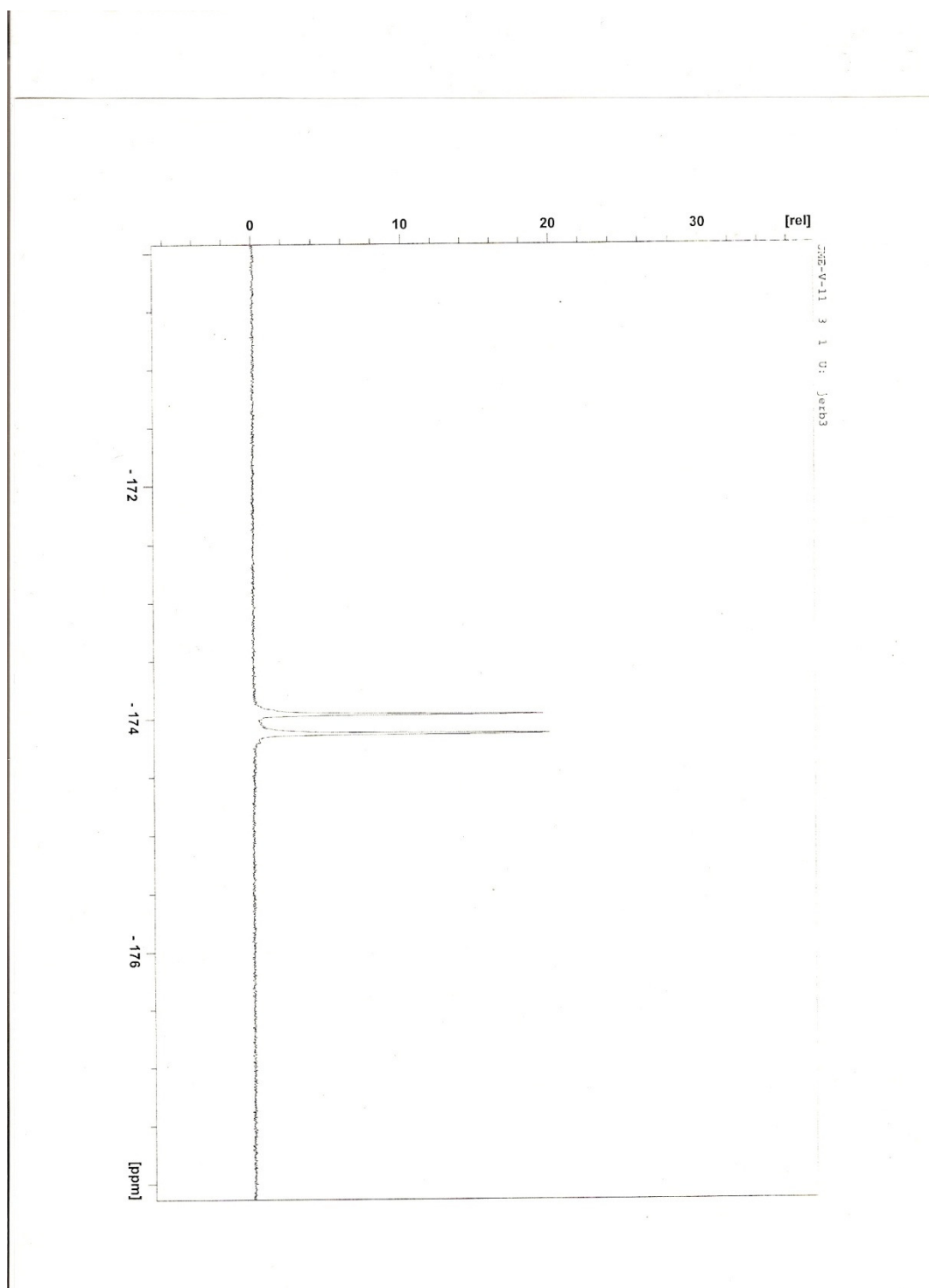
¹³C NMR for 3d – 400 MHz, CDCl₃



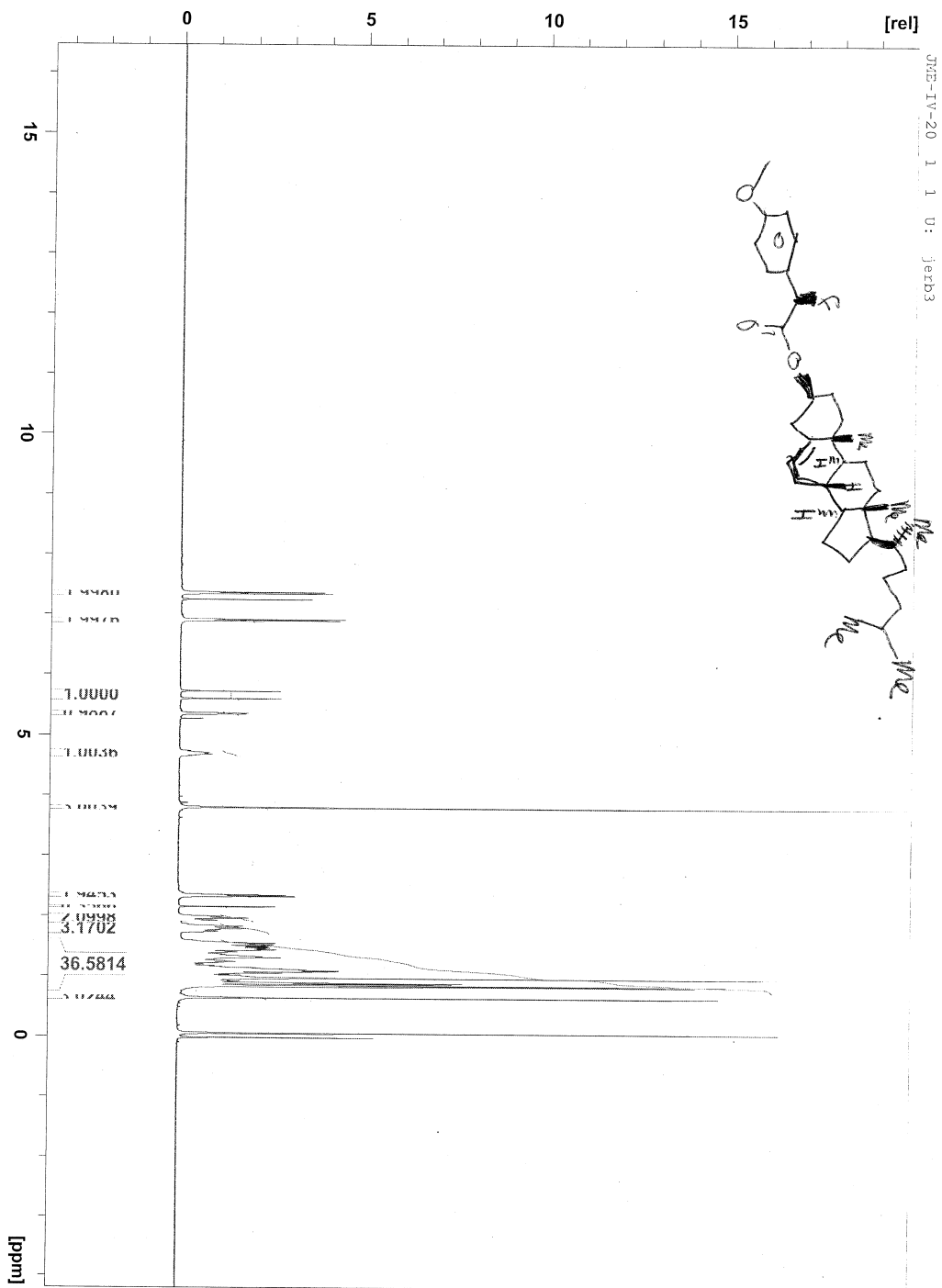
^{19}F NMR for 3d – 300 MHz, CDCl_3



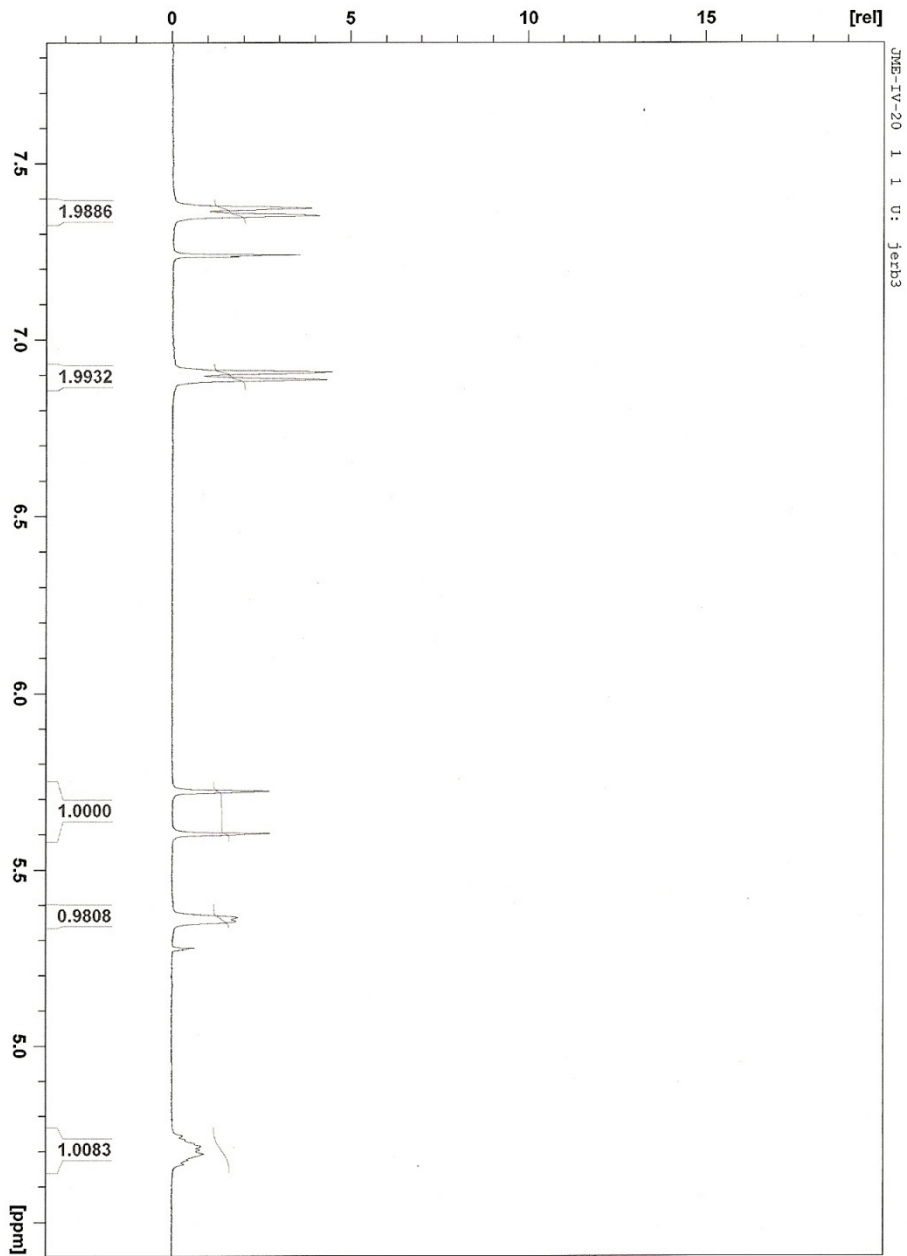
^{19}F NMR for 3d – 300 MHz, CDCl_3



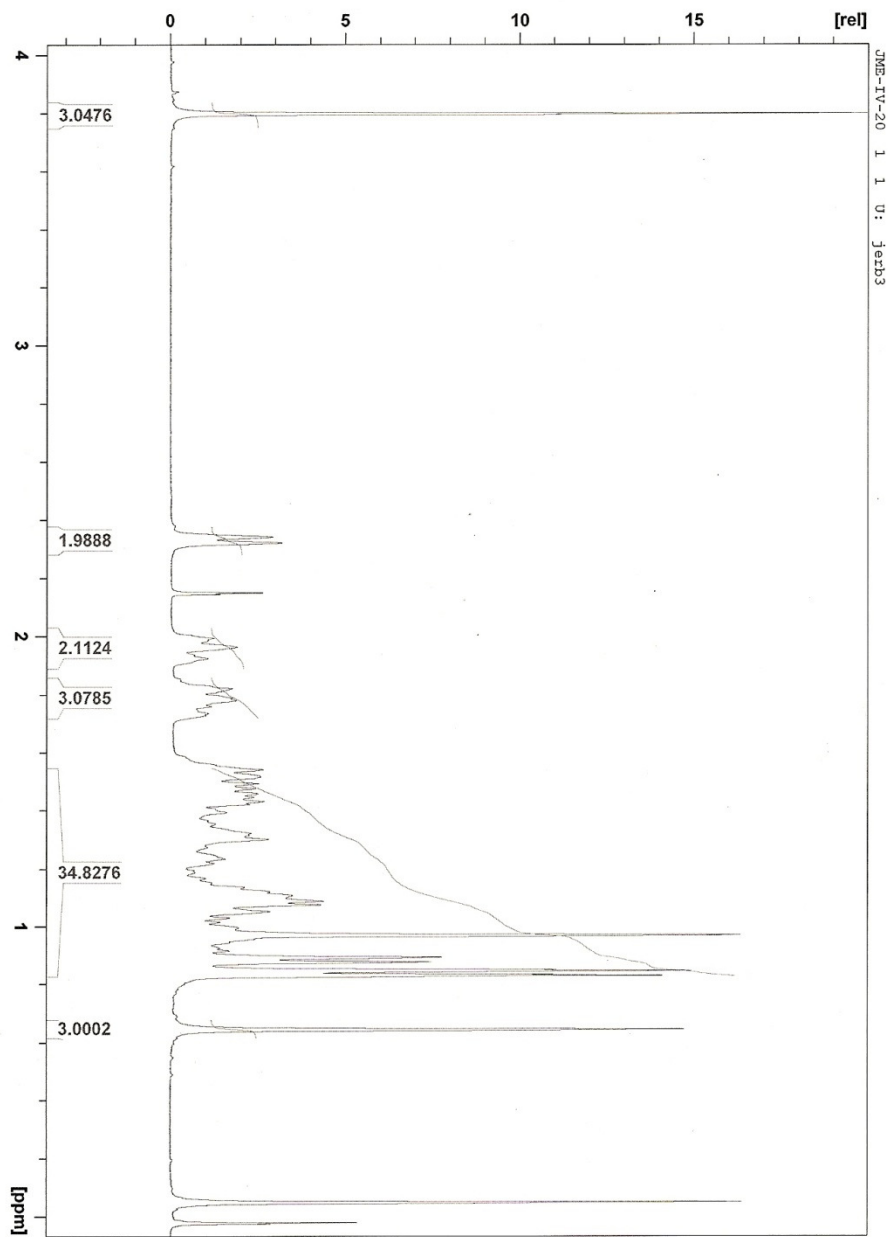
^1H NMR for 3e – 400 MHz, CDCl_3



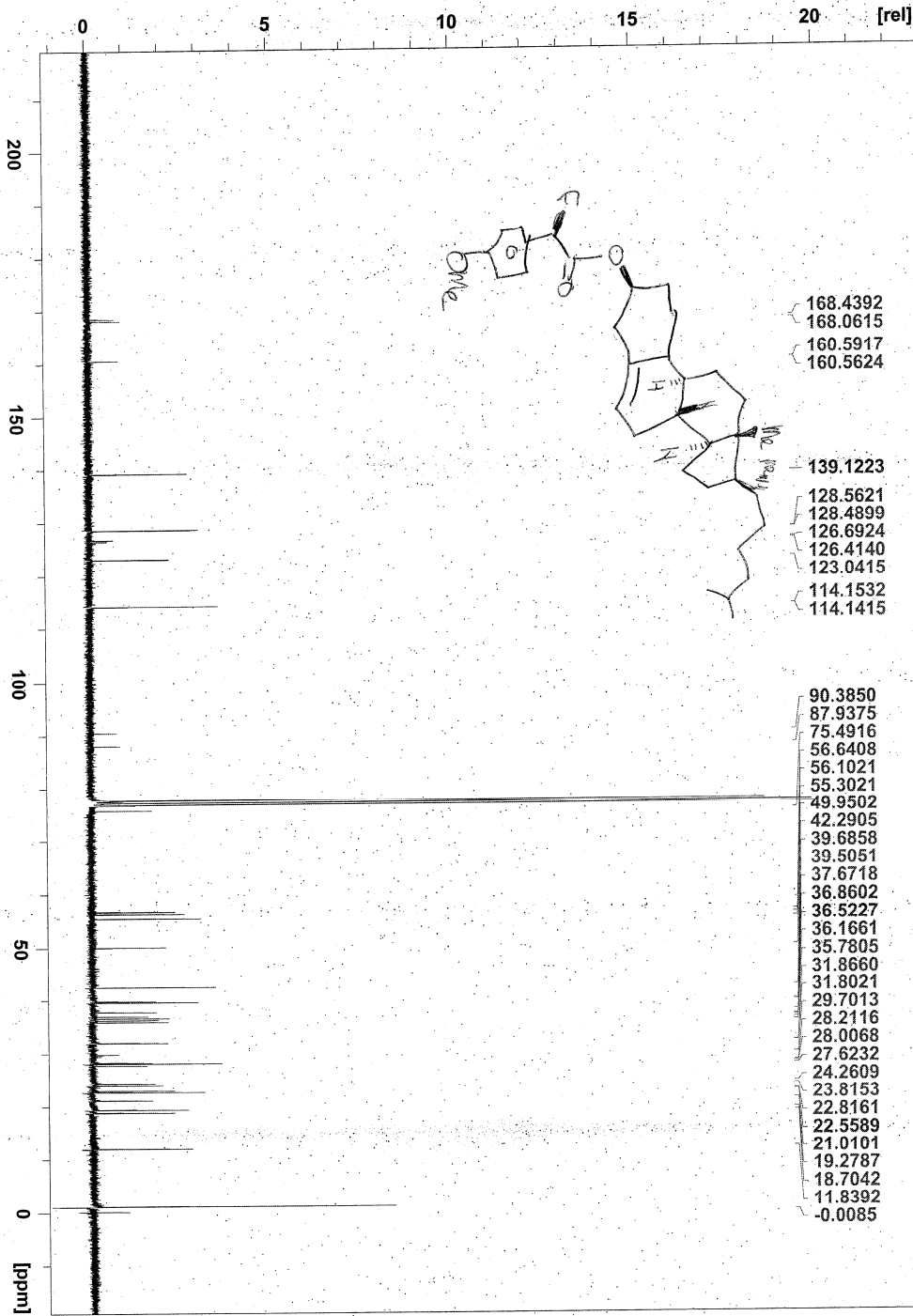
^1H NMR for 3e – 400 MHz, CDCl_3



^1H NMR for 3e – 400 MHz, CDCl_3

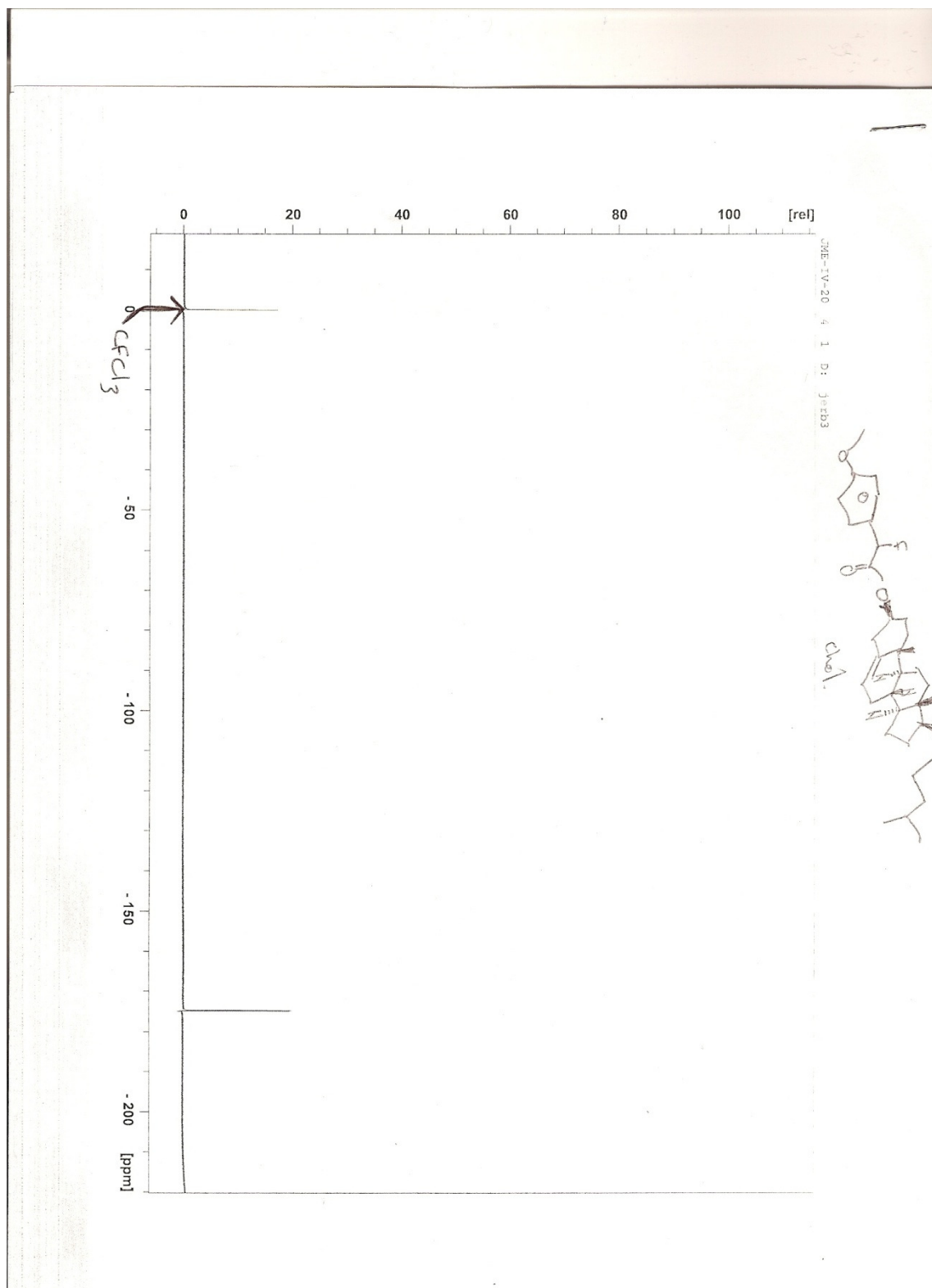


¹³C NMR for 3e – 400 MHz, CDCl₃



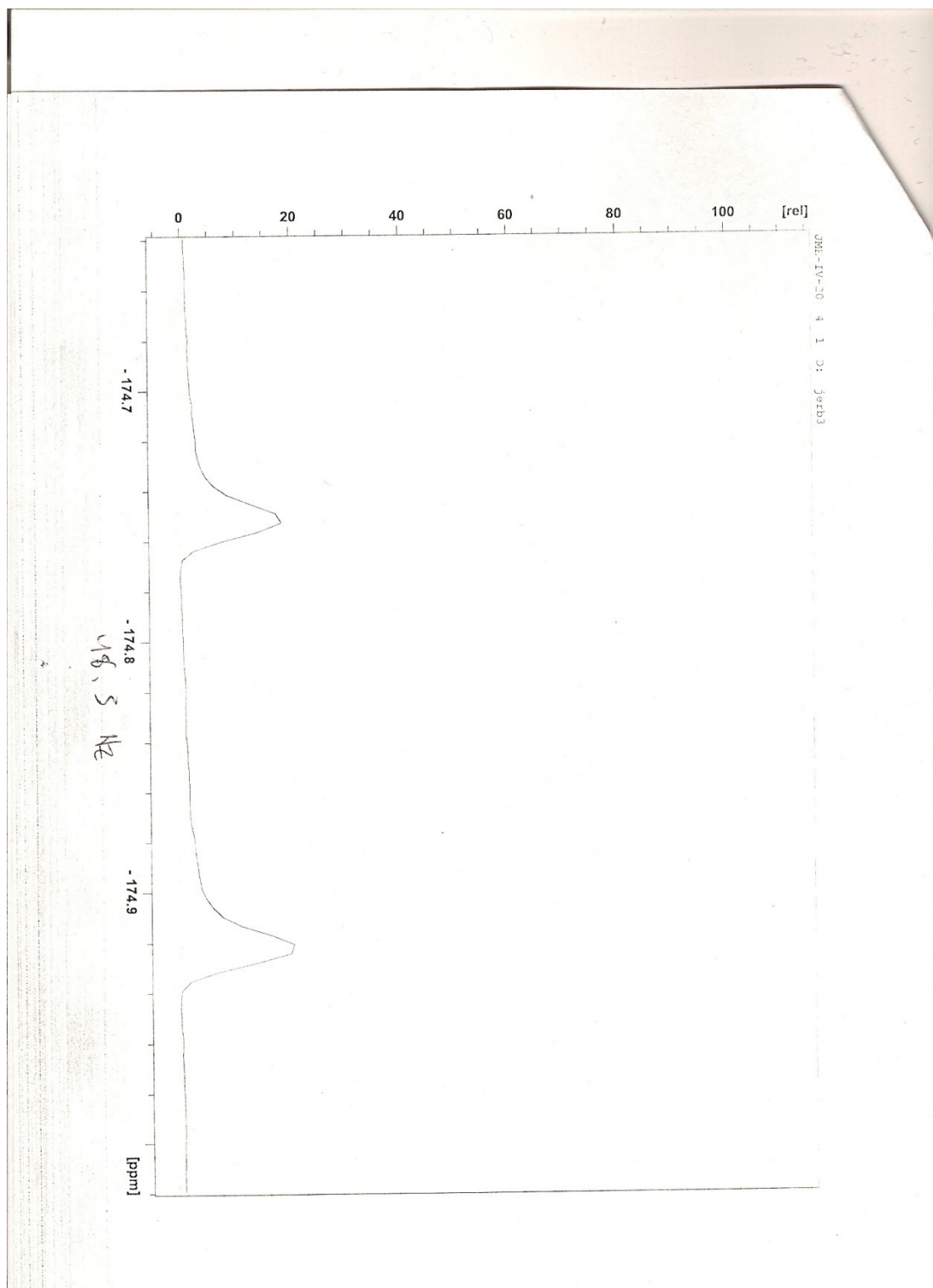
[SP: 30]

^{19}F NMR for 3e – 300 MHz, CDCl_3

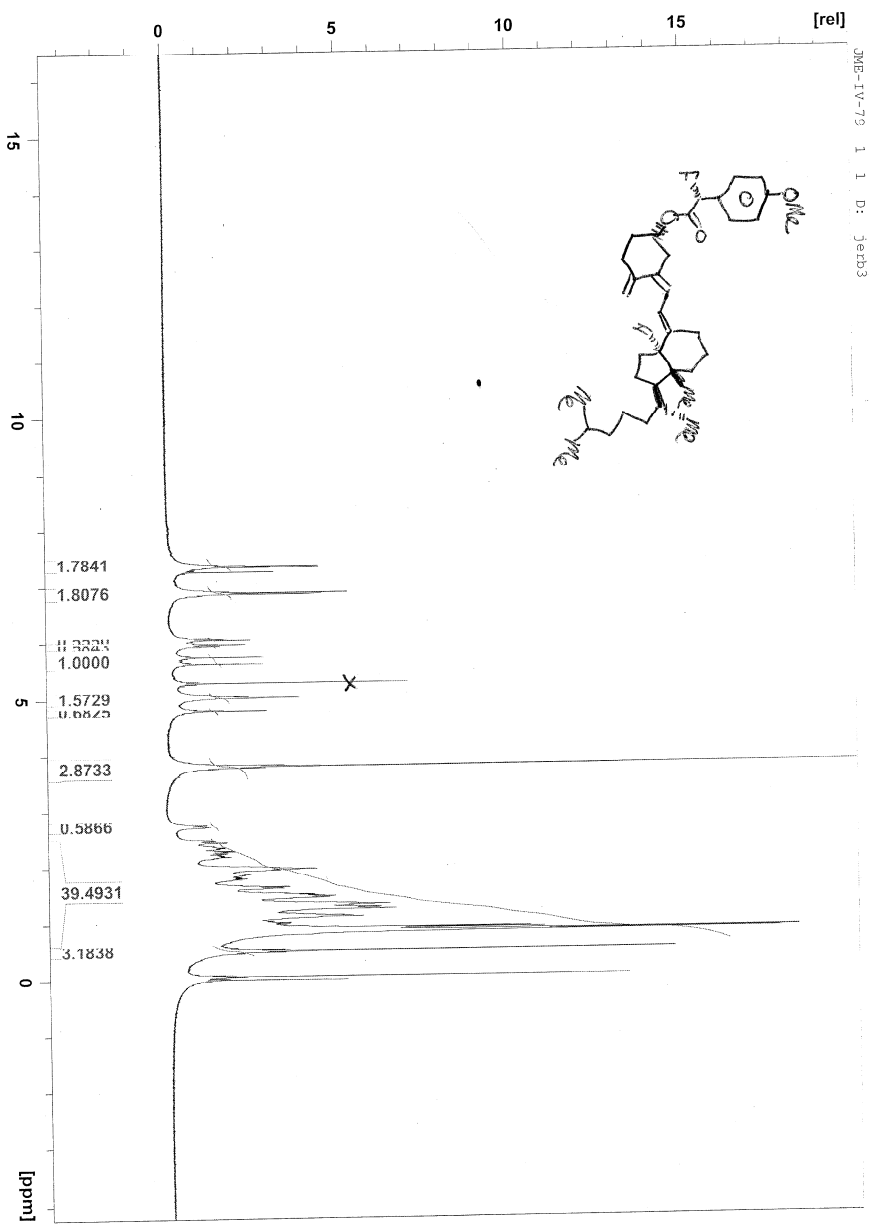


[SP: 31]

^{19}F NMR for 3e – 300 MHz, CDCl_3

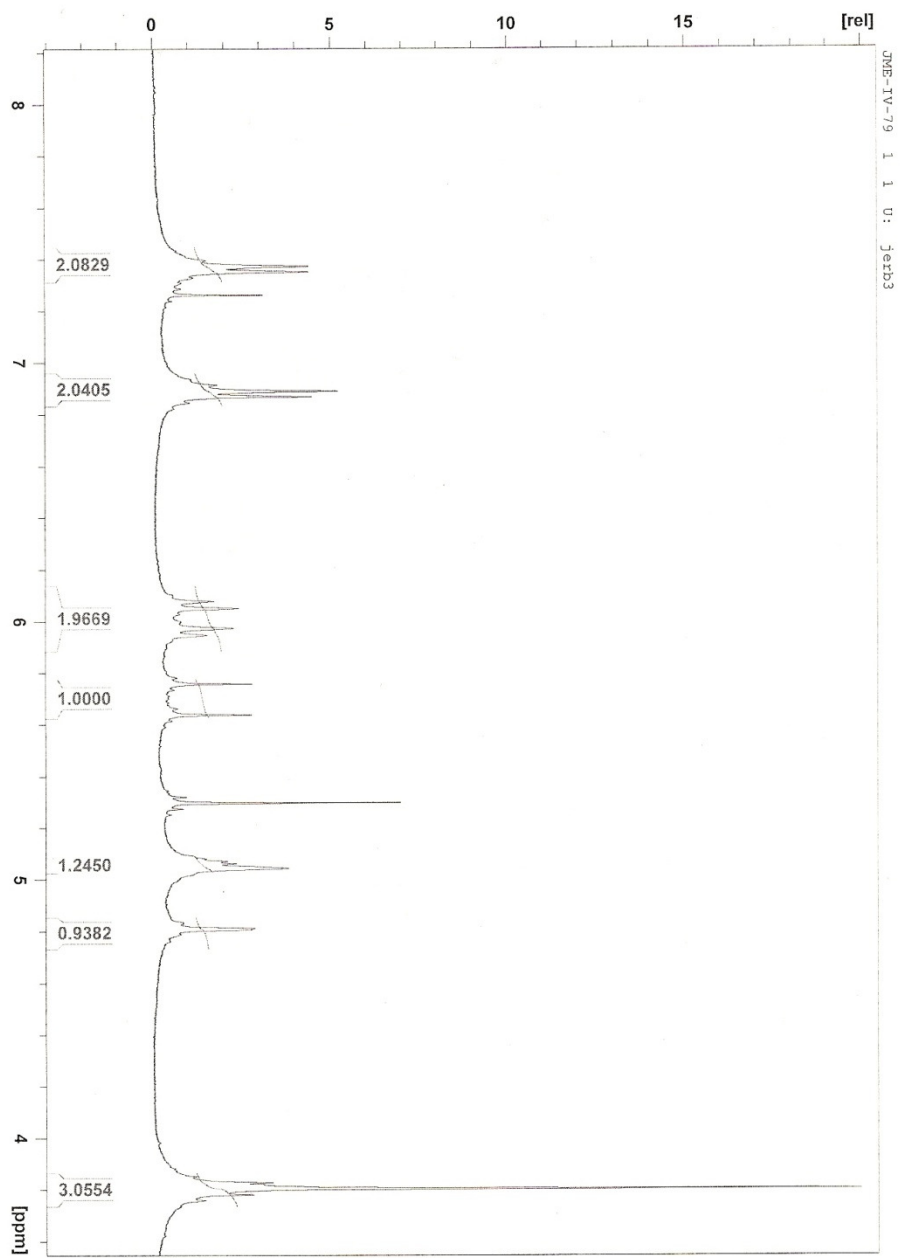


^1H NMR for 3f – 400 MHz, CDCl_3

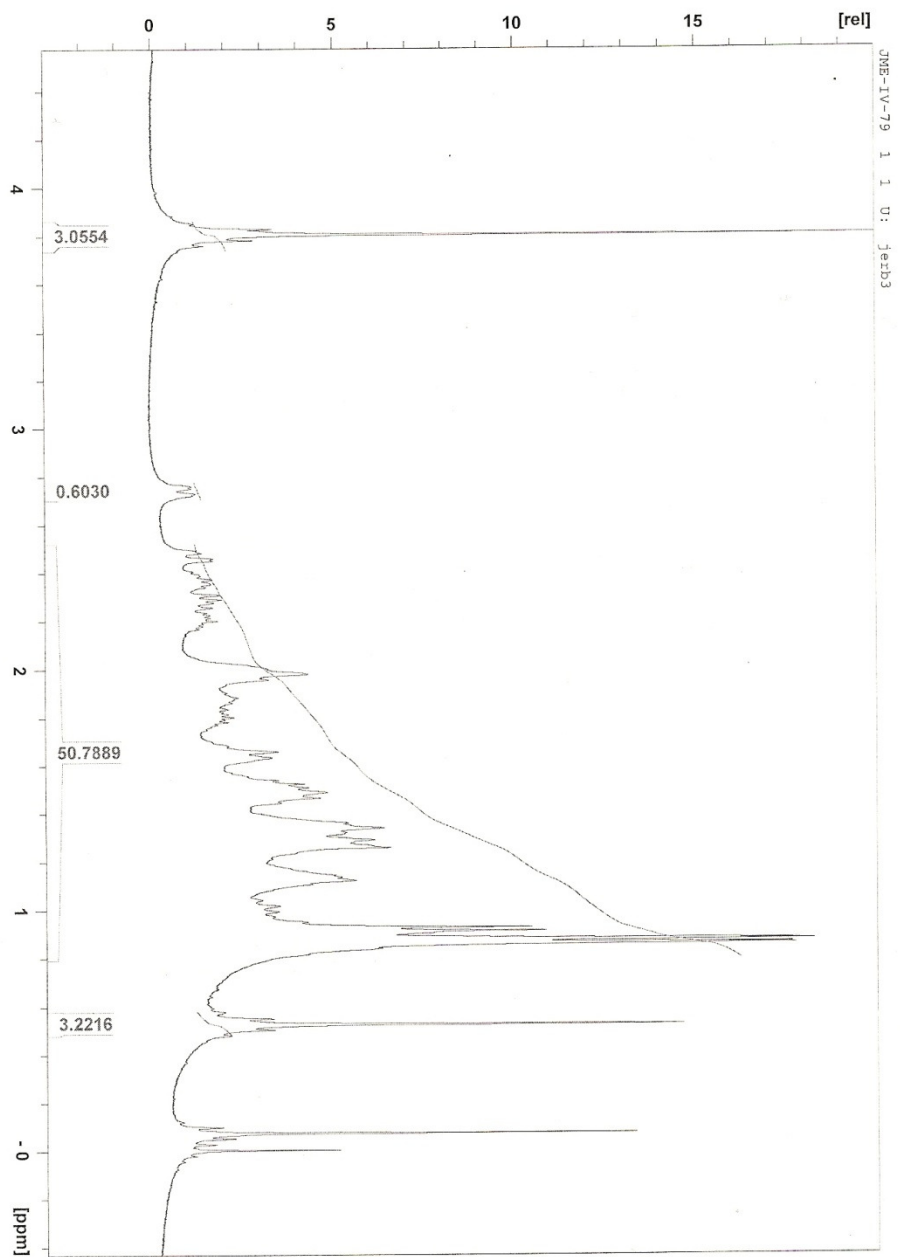


[Handwritten scribble]

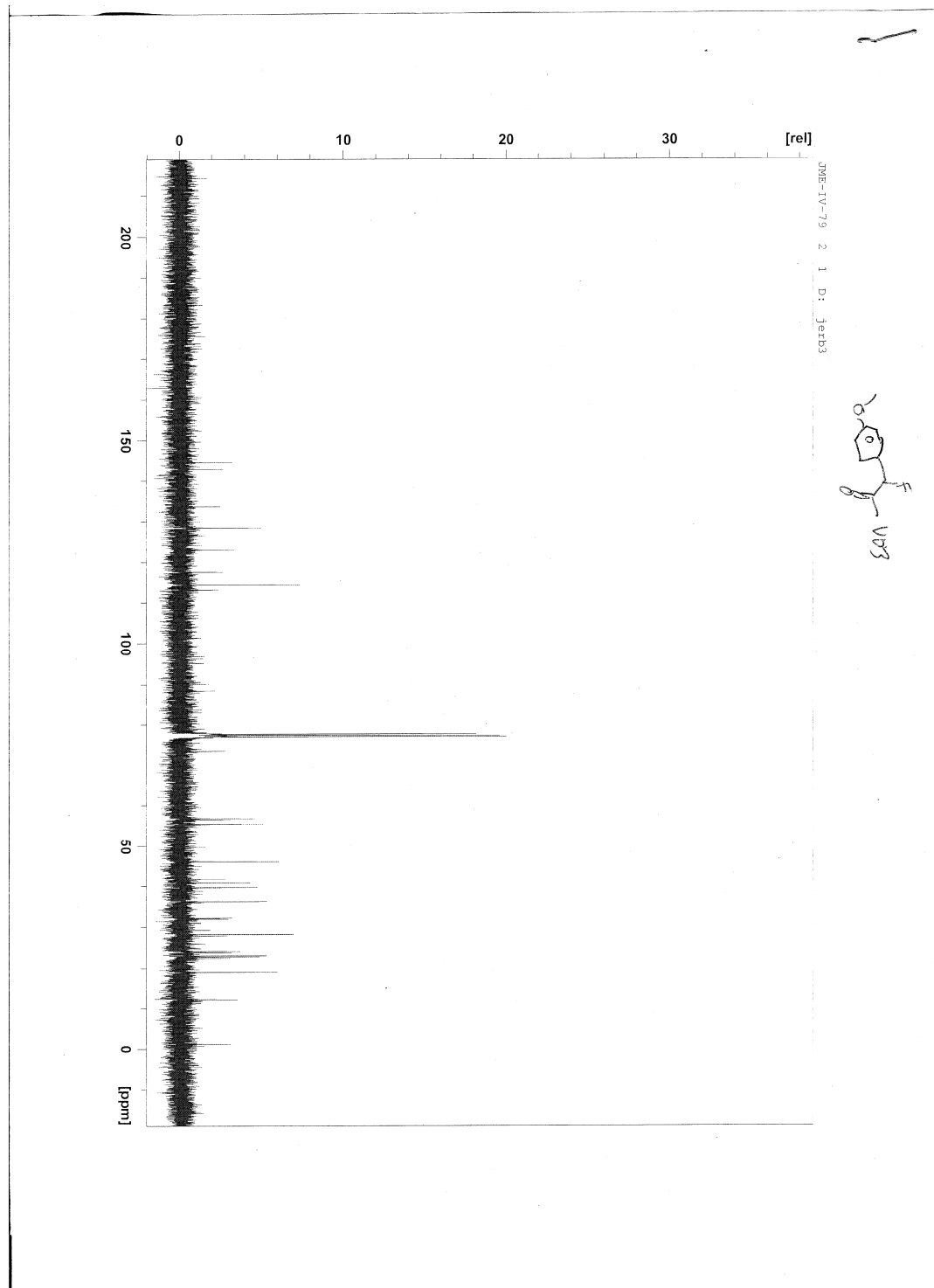
^1H NMR for 3f – 400 MHz, CDCl_3



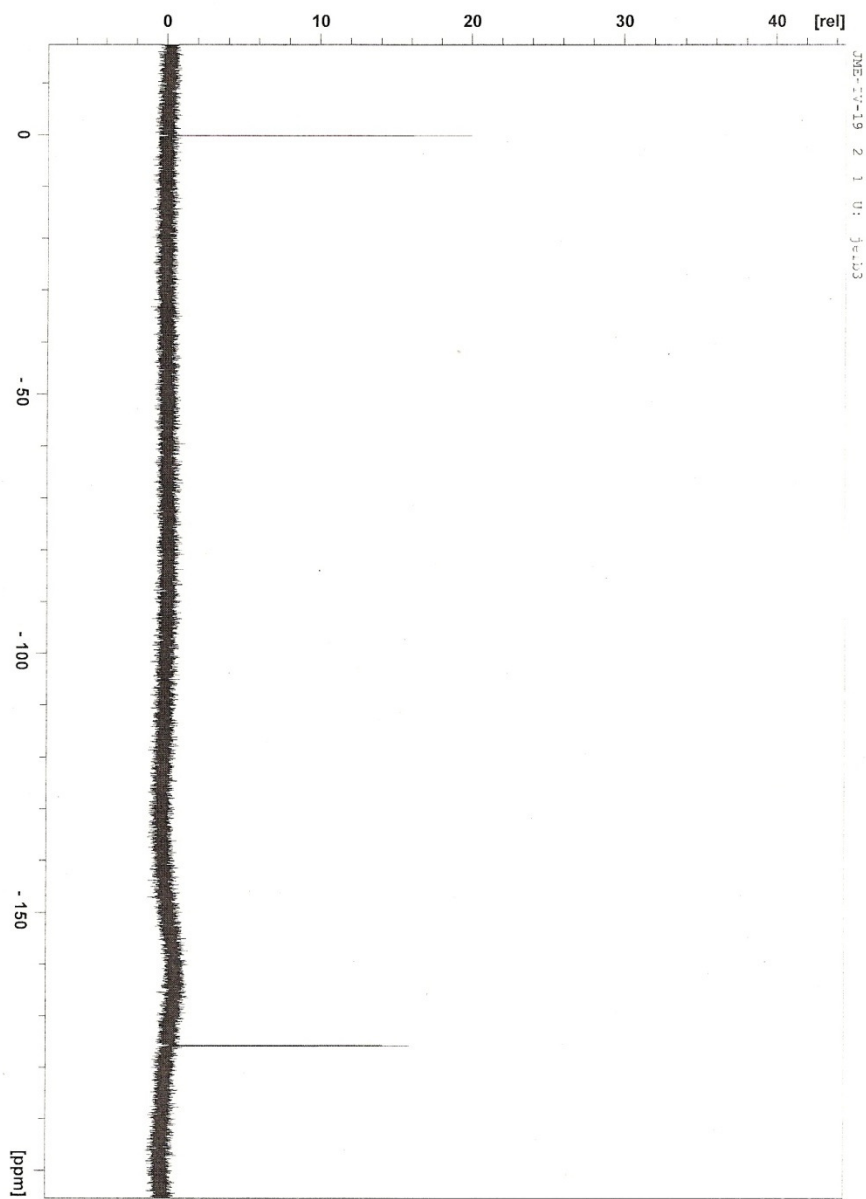
^1H NMR for 3f – 400 MHz, CDCl_3



^{13}C NMR for 3f – 400 MHz, CDCl_3

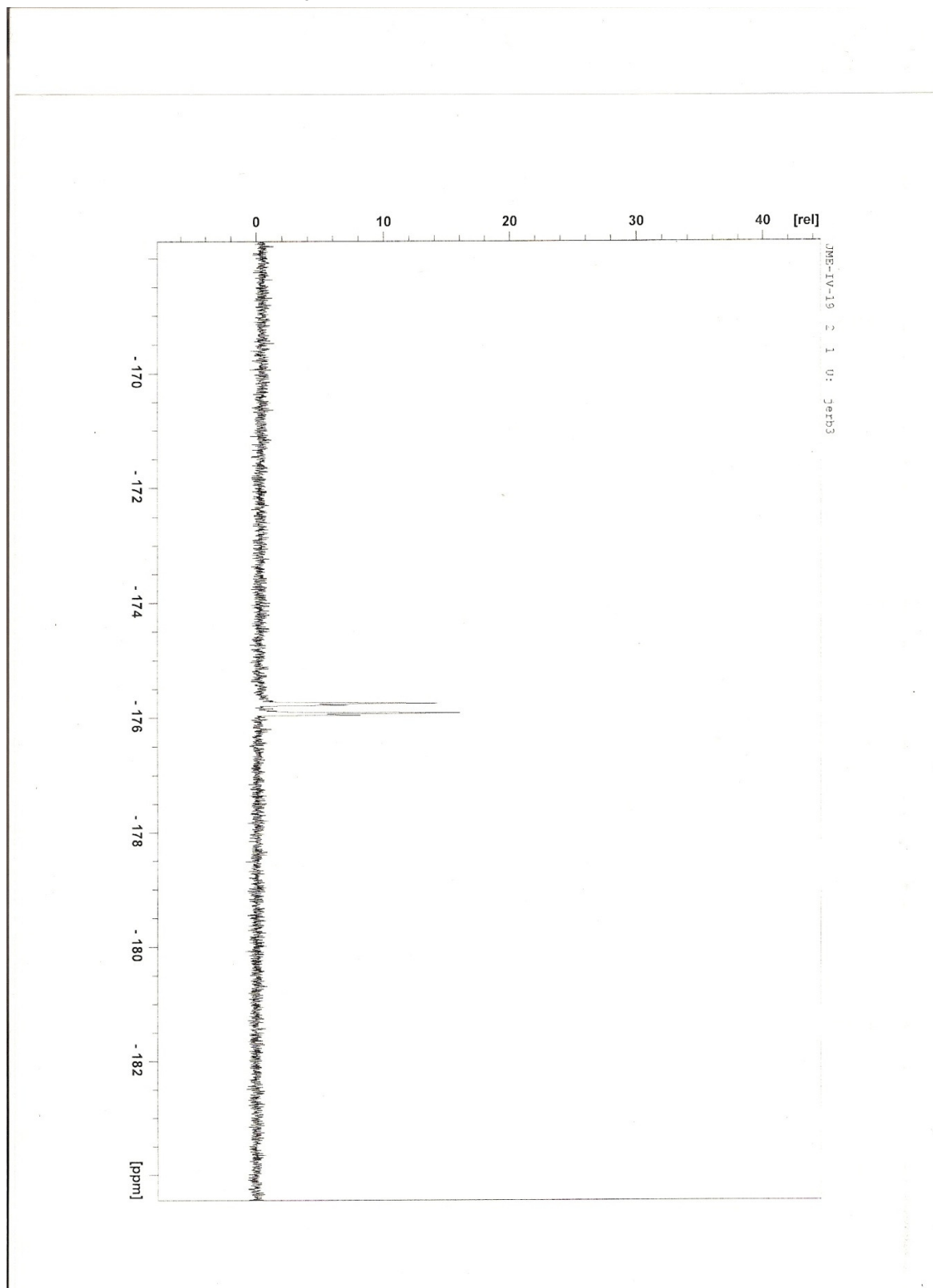


^{19}F NMR for 3f – 300 MHz, CDCl_3

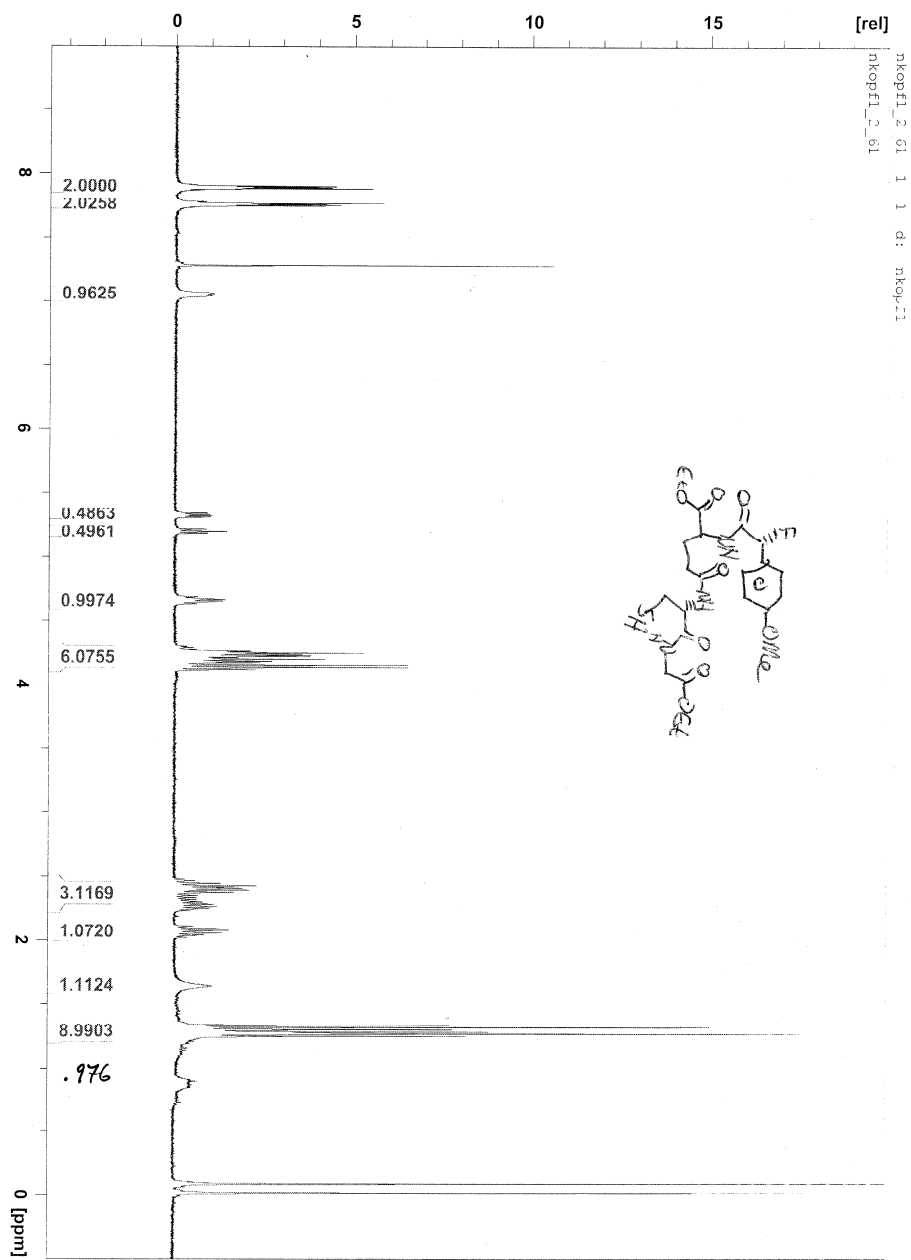


[SP: 37]

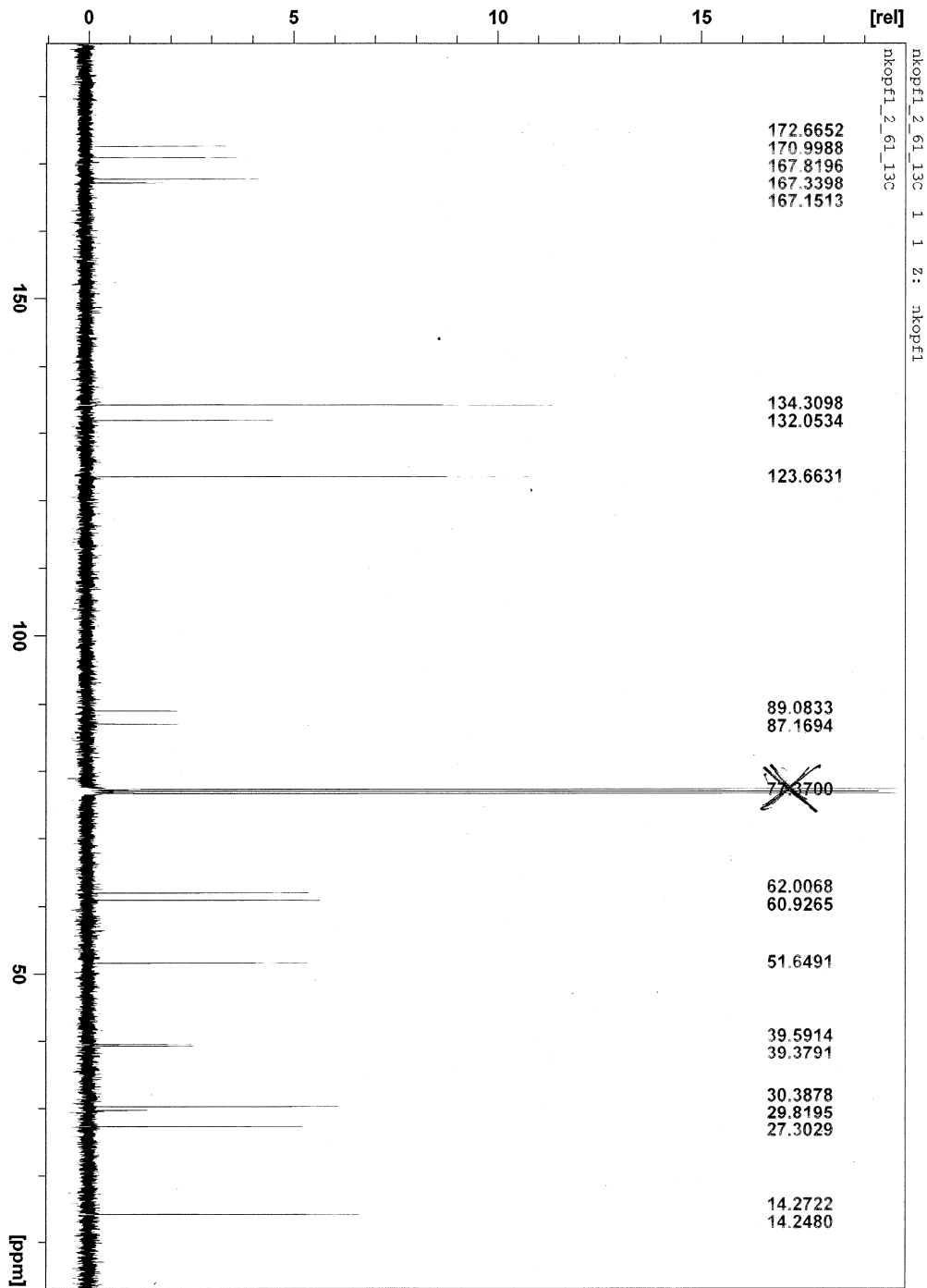
^{19}F NMR for 3f – 300 MHz, CDCl_3



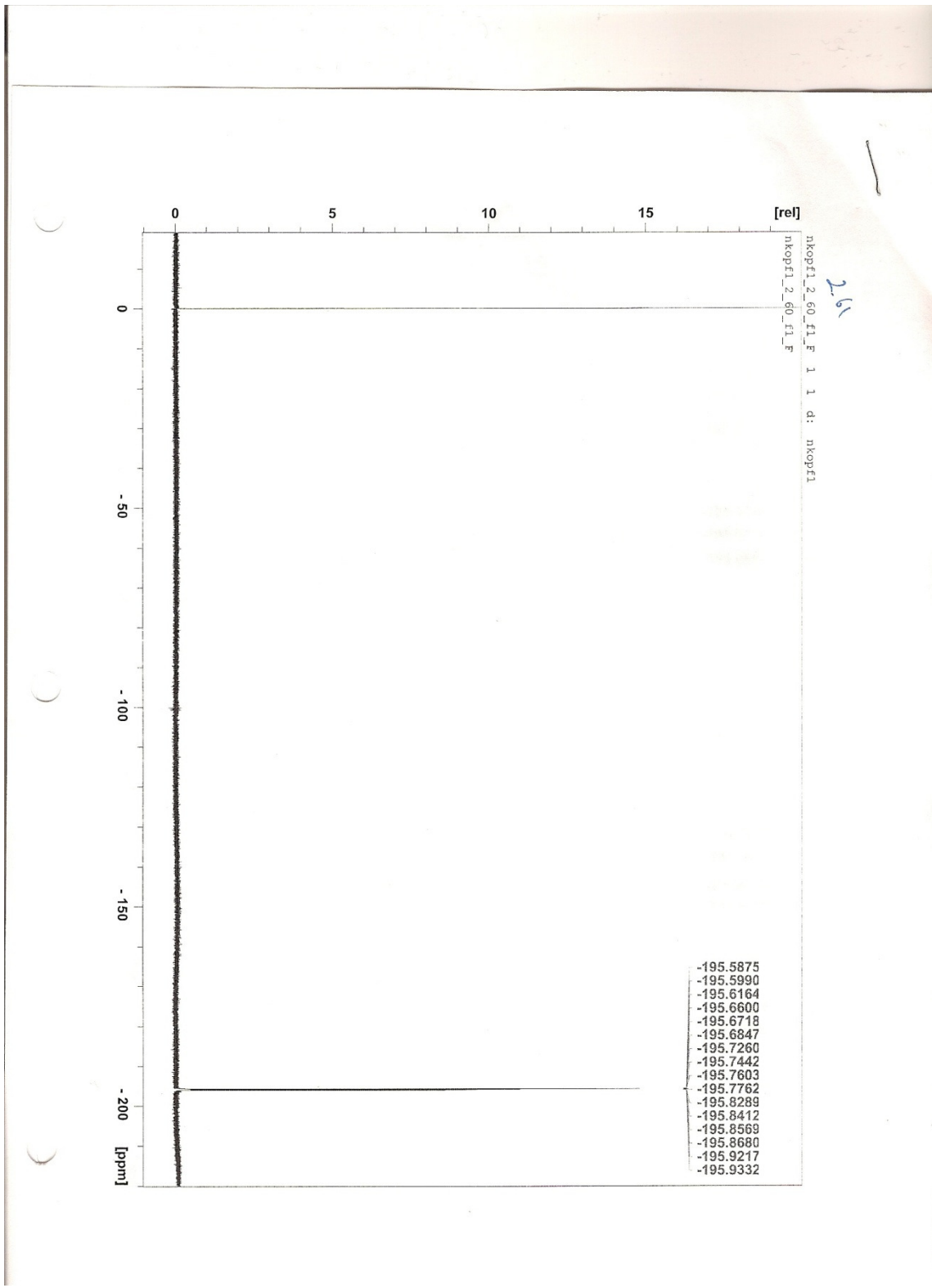
^1H NMR for 3g – 400 MHz, CDCl_3



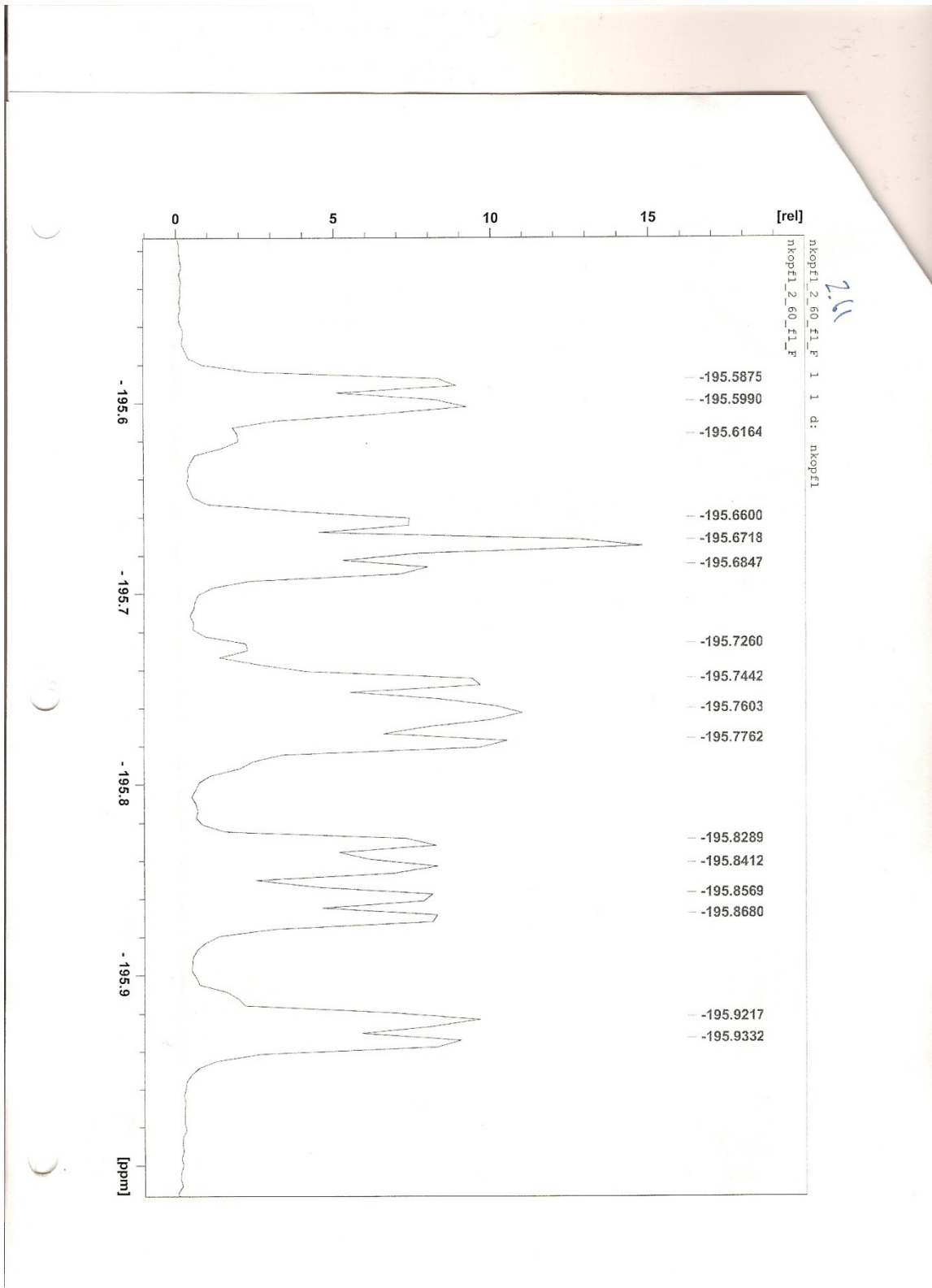
¹³C NMR for 3g – 400 MHz, CDCl₃



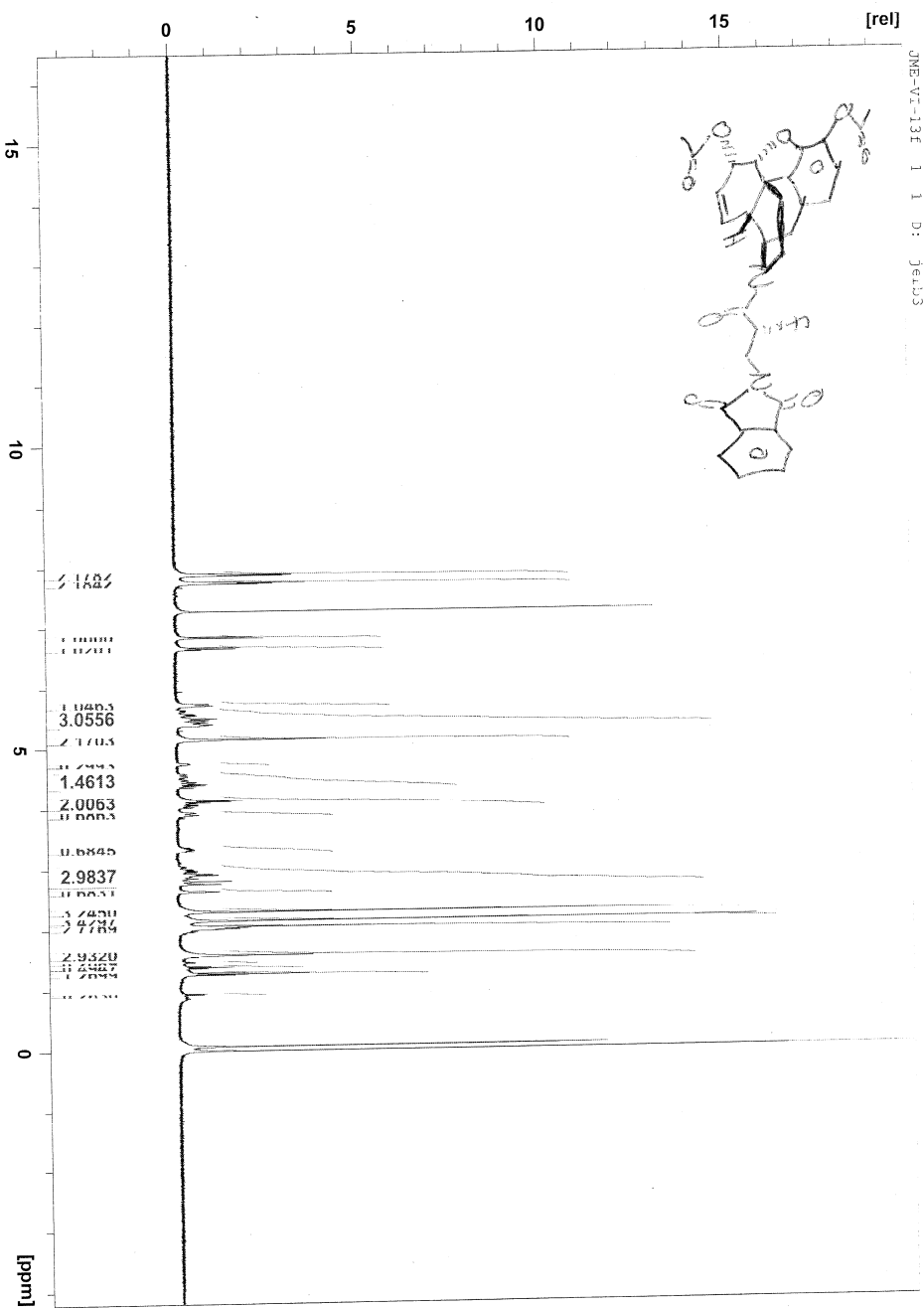
^{19}F NMR for 3g – 300 MHz, CDCl_3



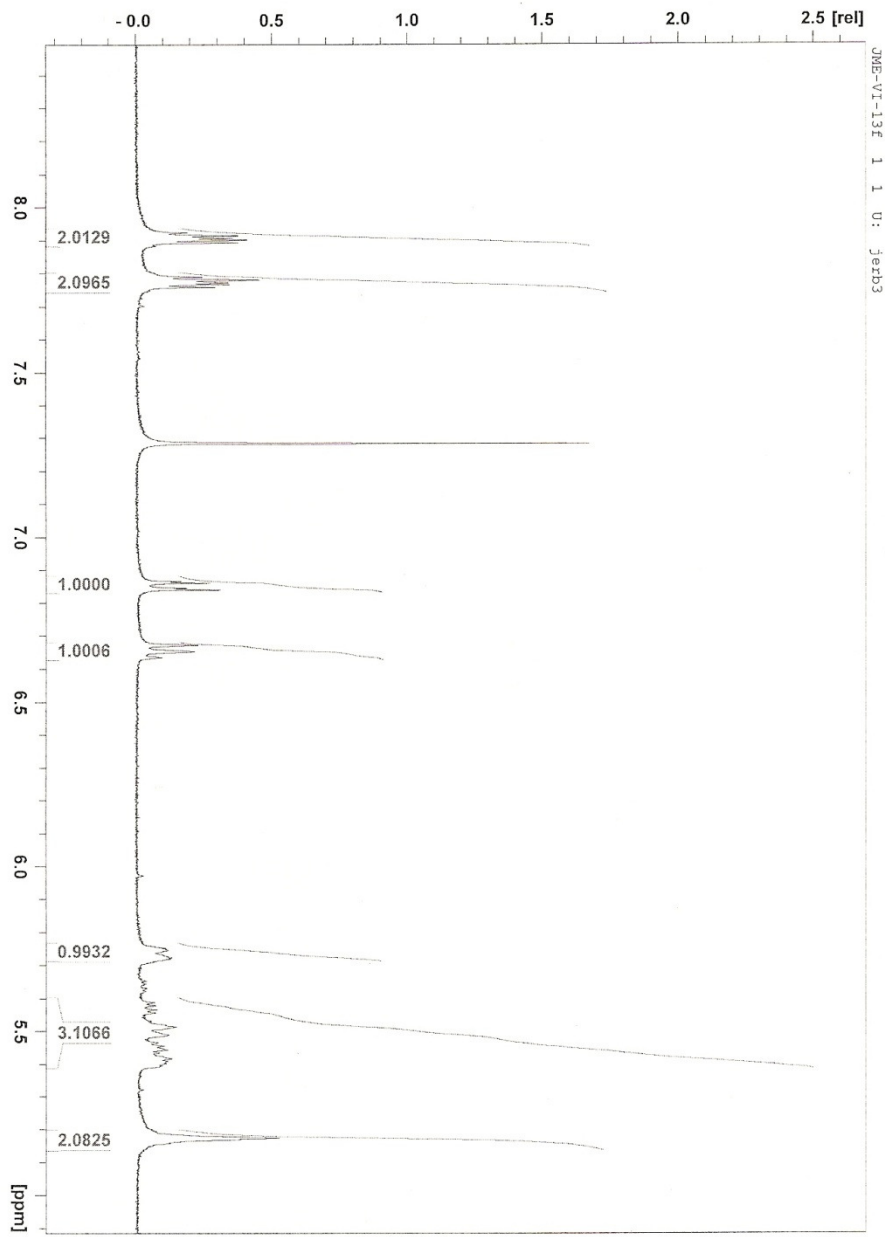
^{19}F NMR for 3g – 300 MHz, CDCl_3



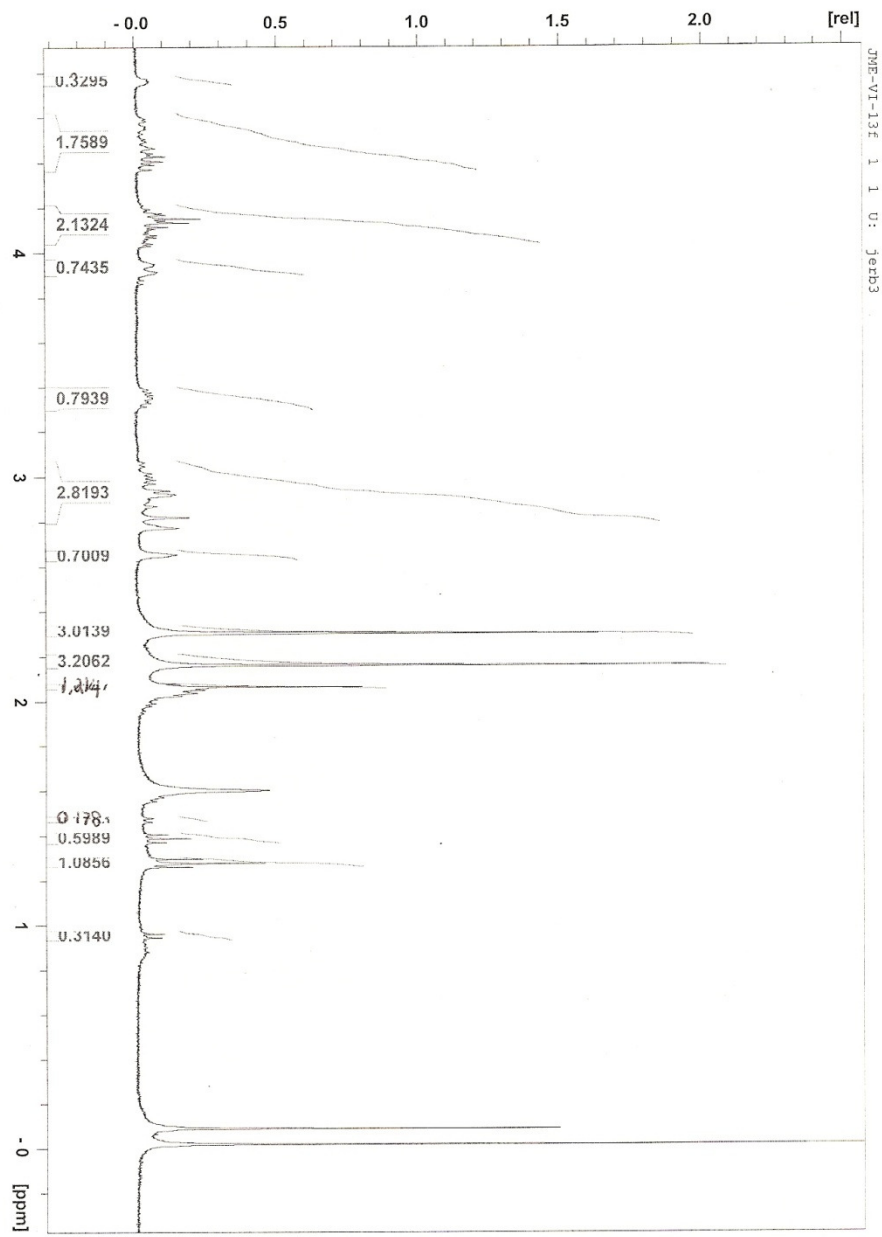
^1H NMR for 3h – 400 MHz, CDCl_3



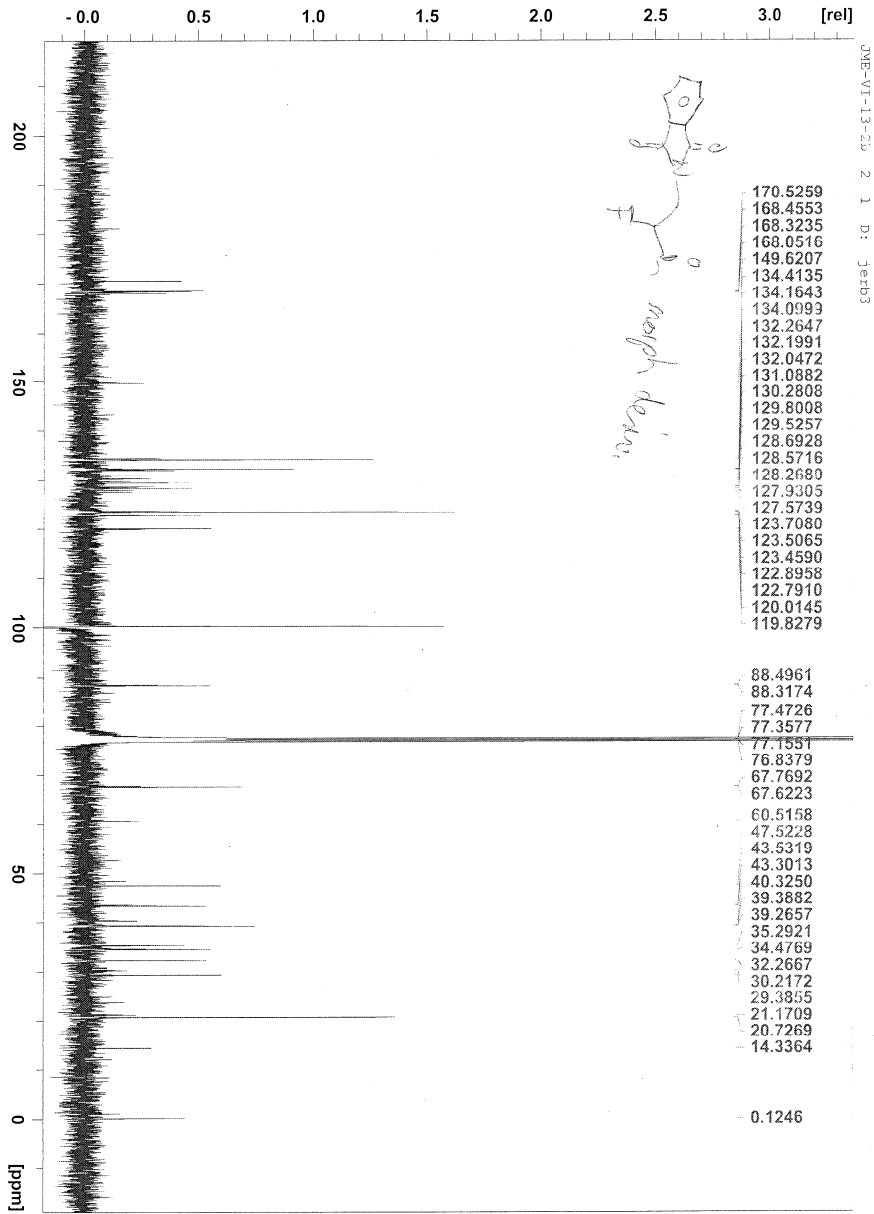
^1H NMR for 3h – 400 MHz, CDCl_3



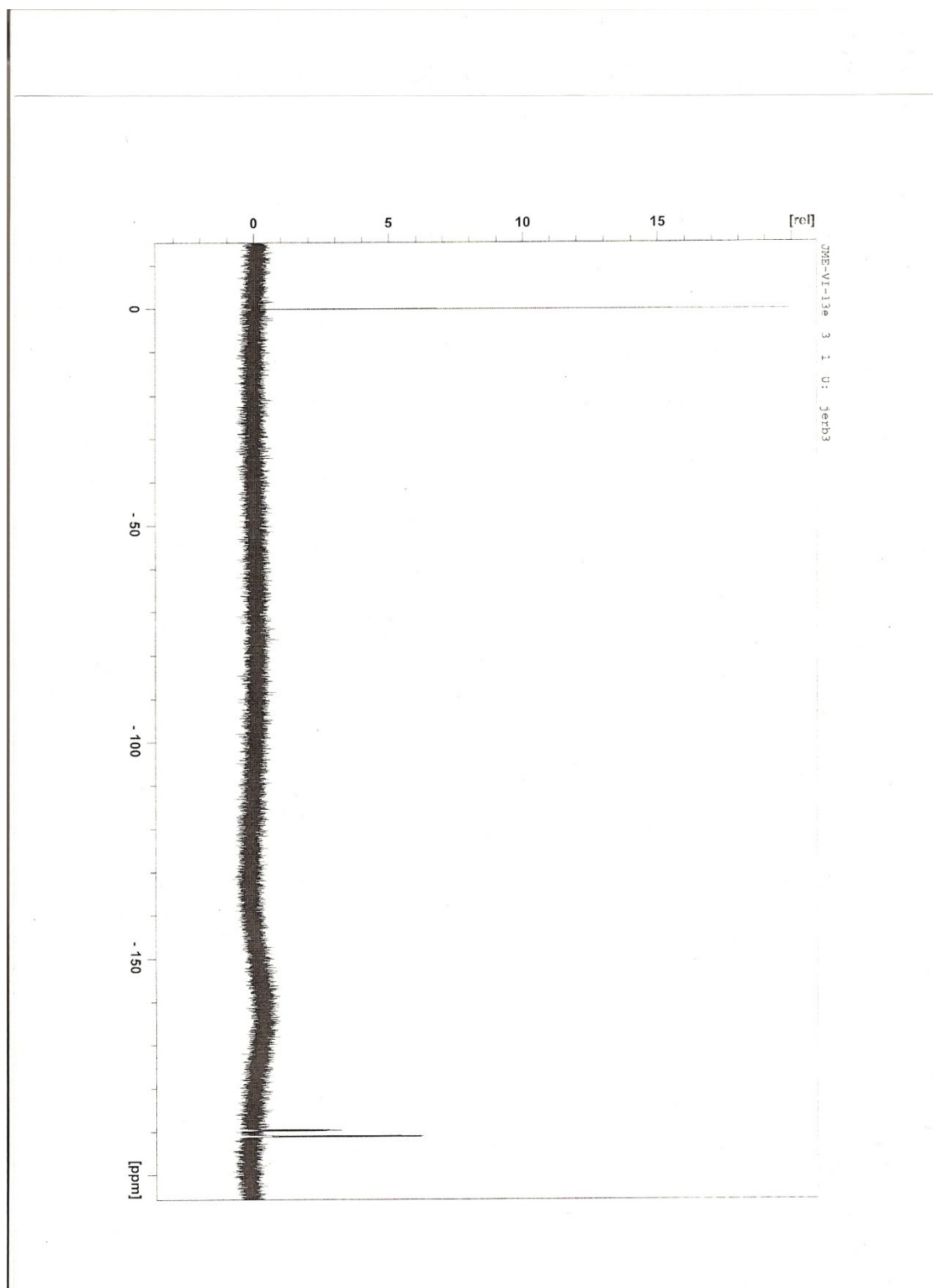
^1H NMR for 3h – 400 MHz, CDCl_3



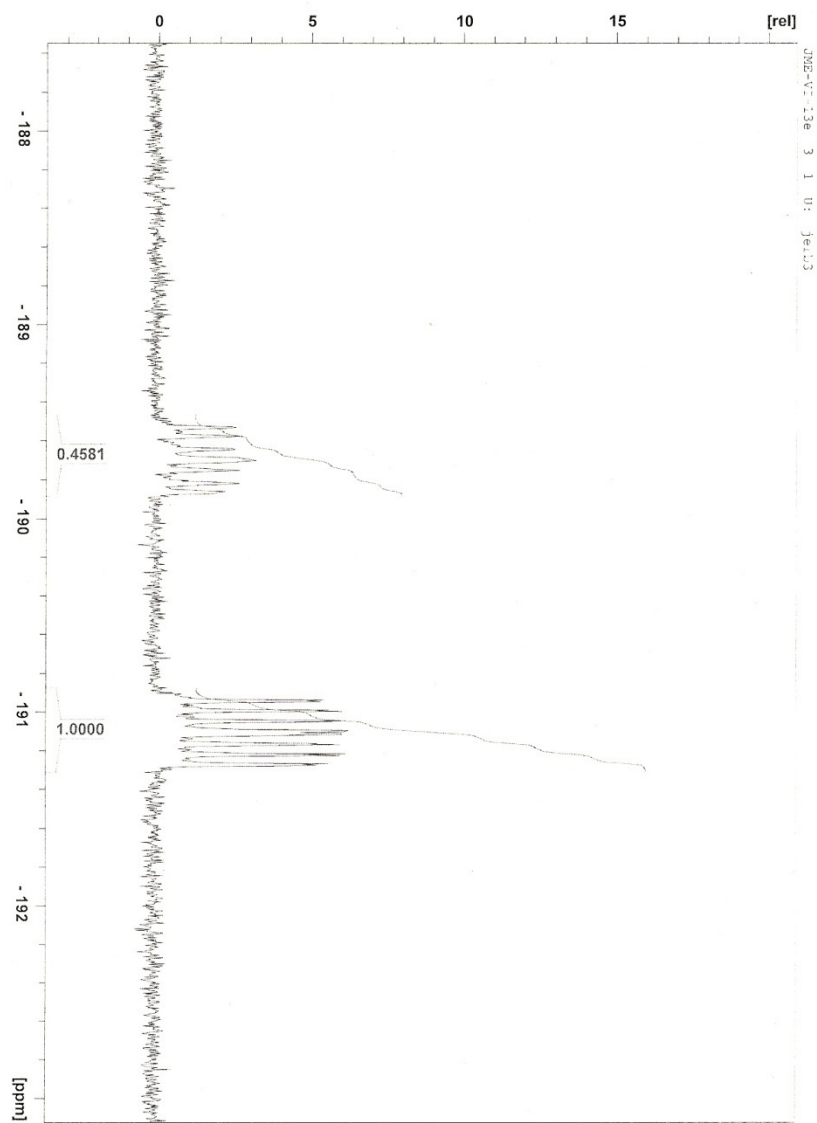
¹³C NMR for 3h – 400 MHz, CDCl₃



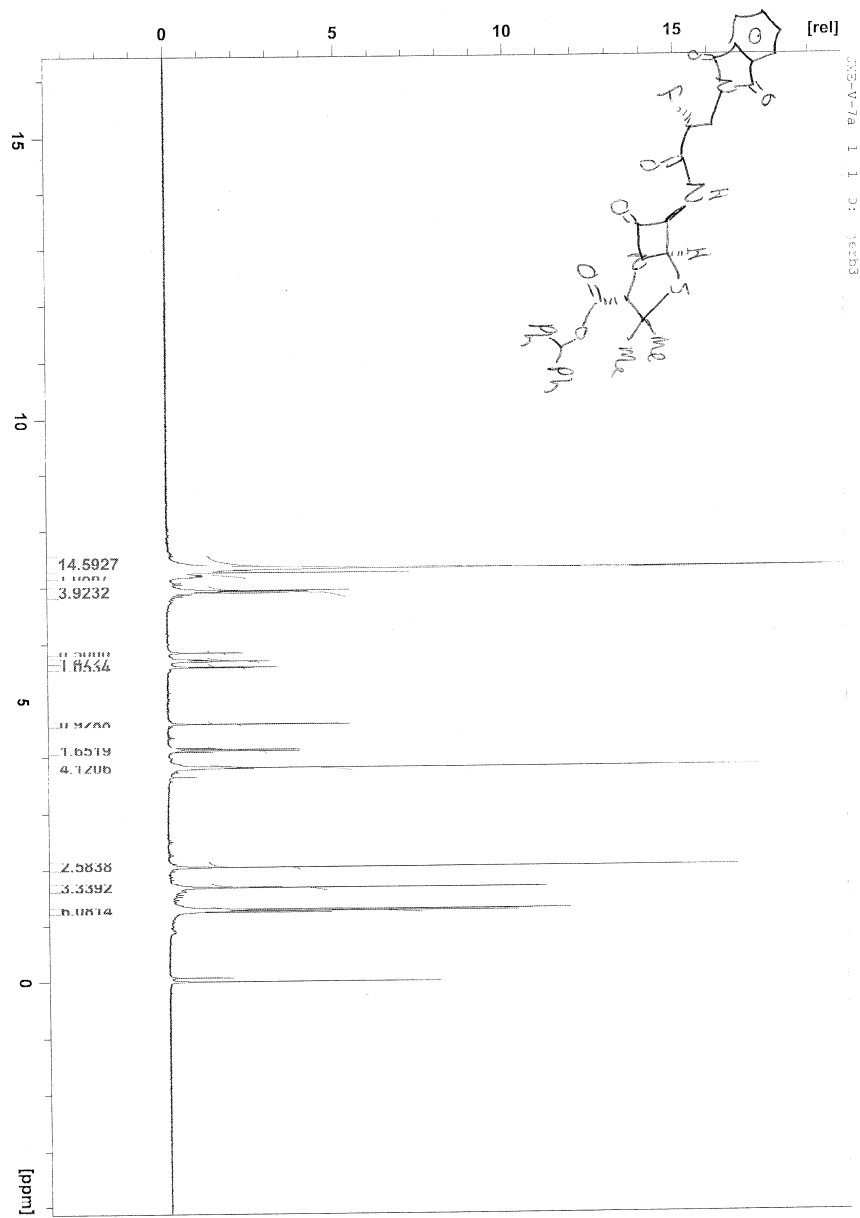
^{19}F NMR for 3h – 300 MHz, CDCl_3



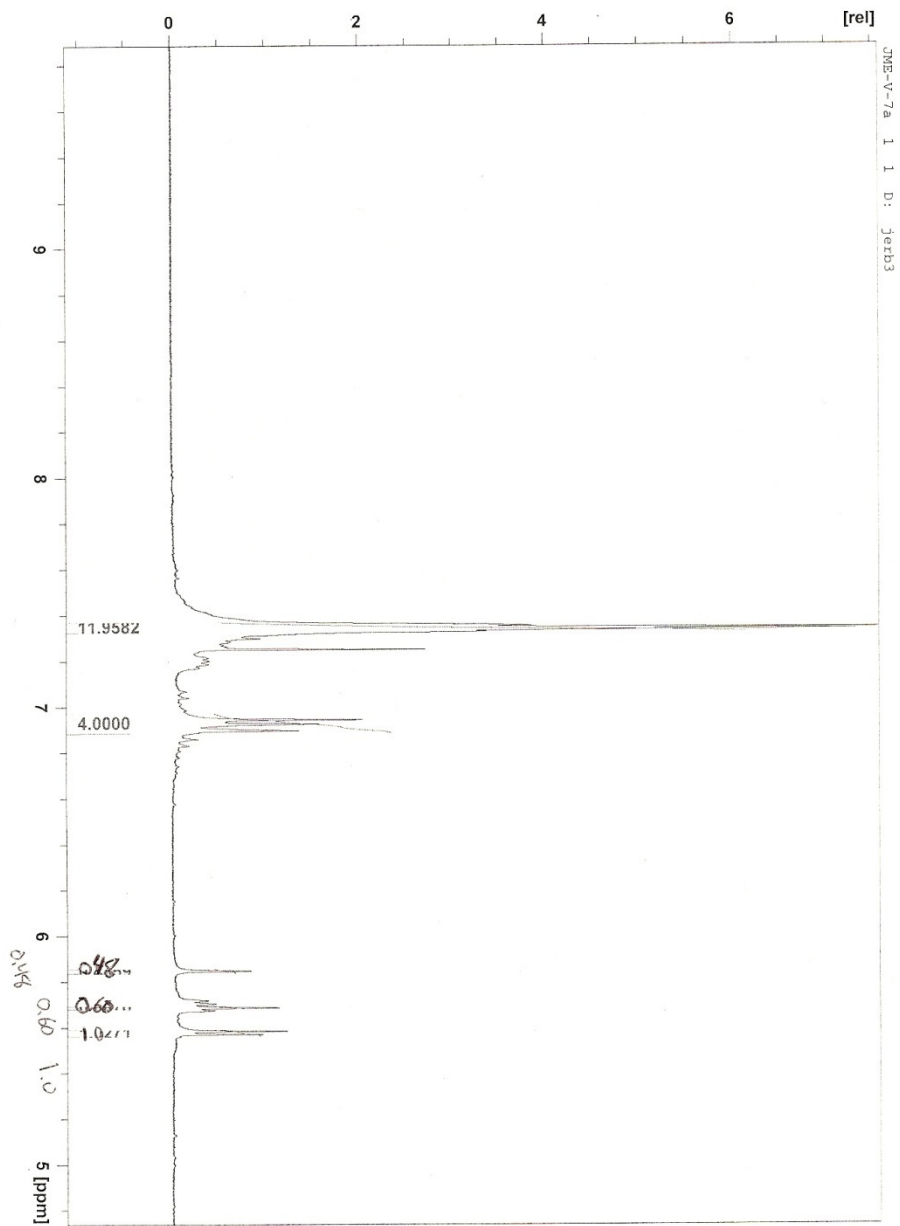
^{19}F NMR for 3h – 300 MHz, CDCl_3



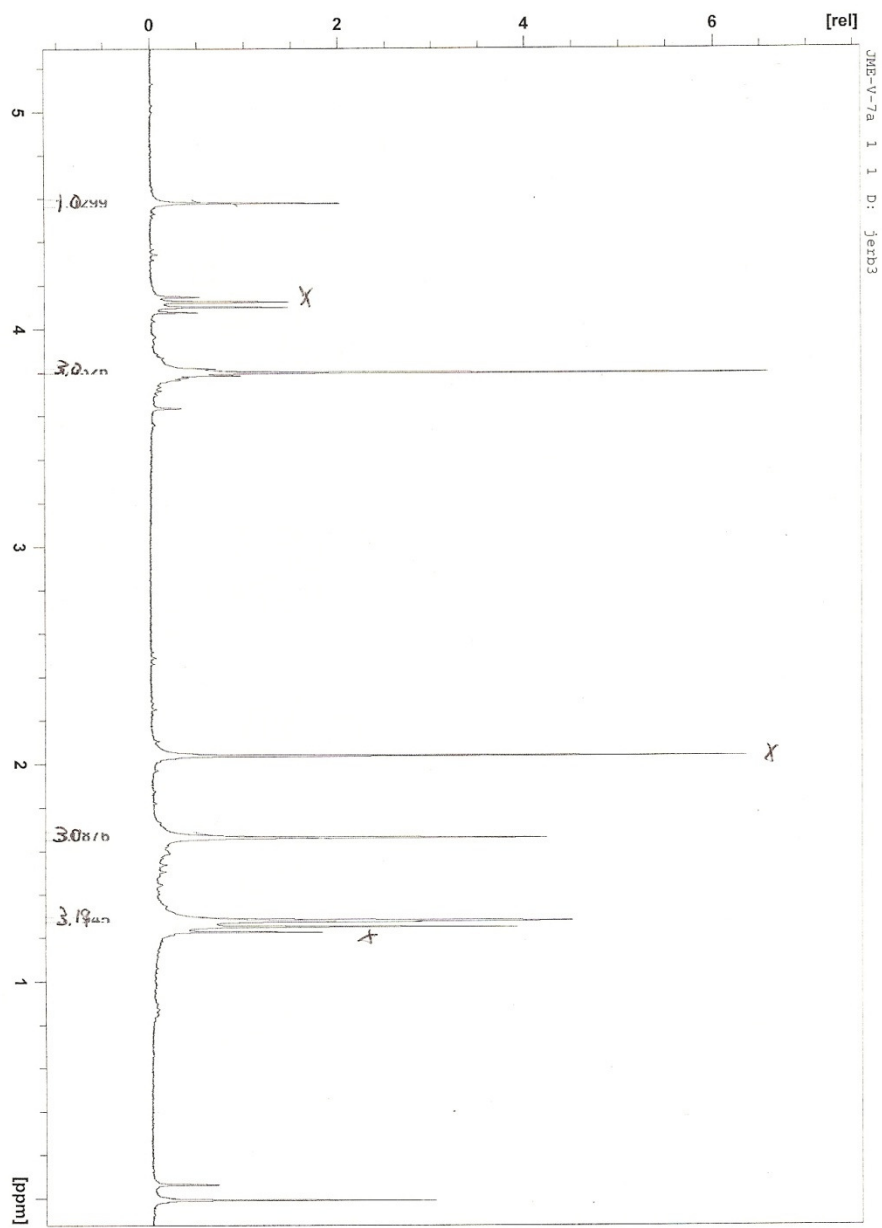
¹H NMR for 3i – 400 MHz, CDCl₃



^1H NMR for 3i – 400 MHz, CDCl_3

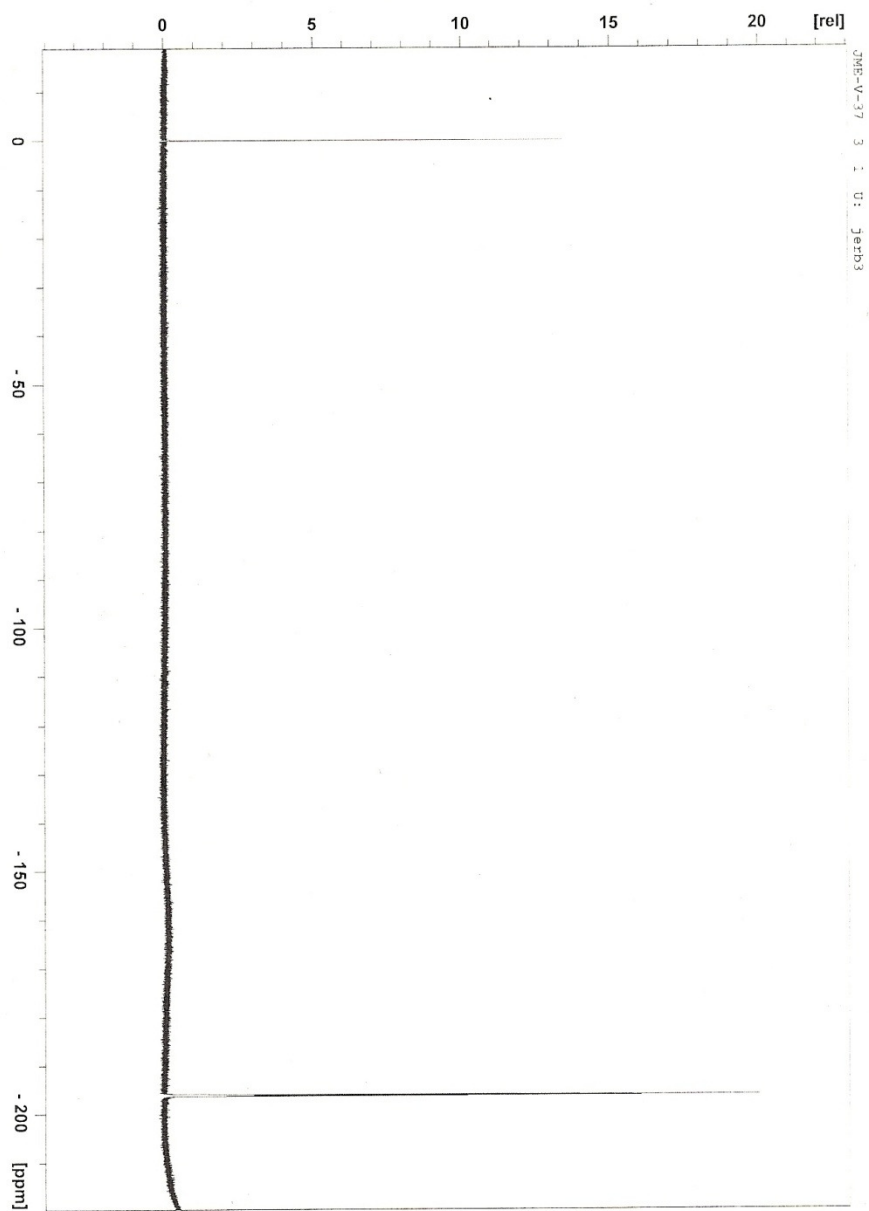


^1H NMR for 3i – 400 MHz, CDCl_3



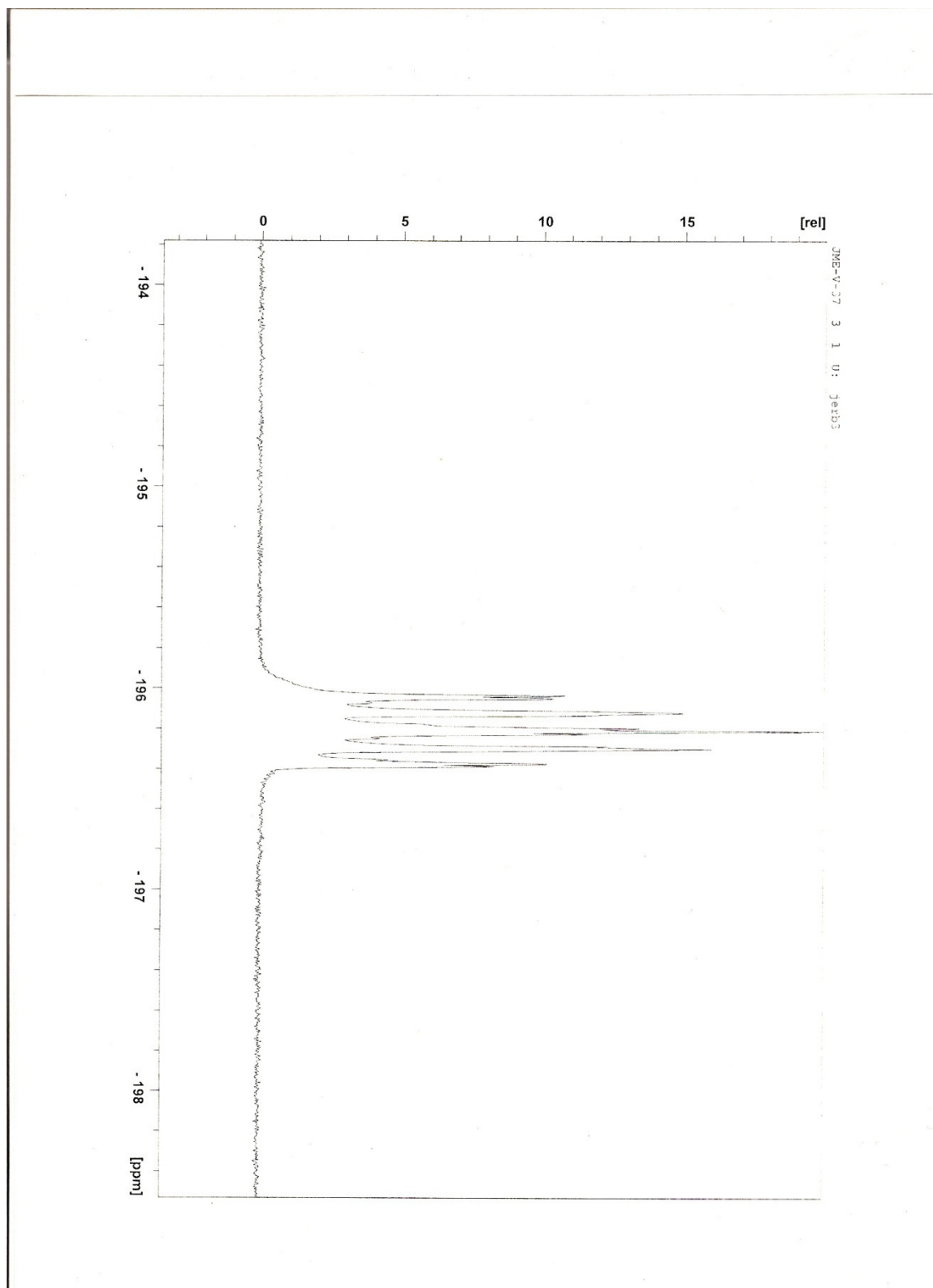
[SP: 51]

^{19}F NMR for 3i – 300 MHz, CDCl_3



[SP: 53]

^{19}F NMR for 3i – 300 MHz, CDCl_3



[SP: 54]