

Triflic acid promoted Fries rearrangement of C-3 vinyl/isopropenyl-azetid-2-ones: Single-pot synthesis of C-3 functionalized-2-aryl-2,3-dihydro-quinoline-4(1H)-ones

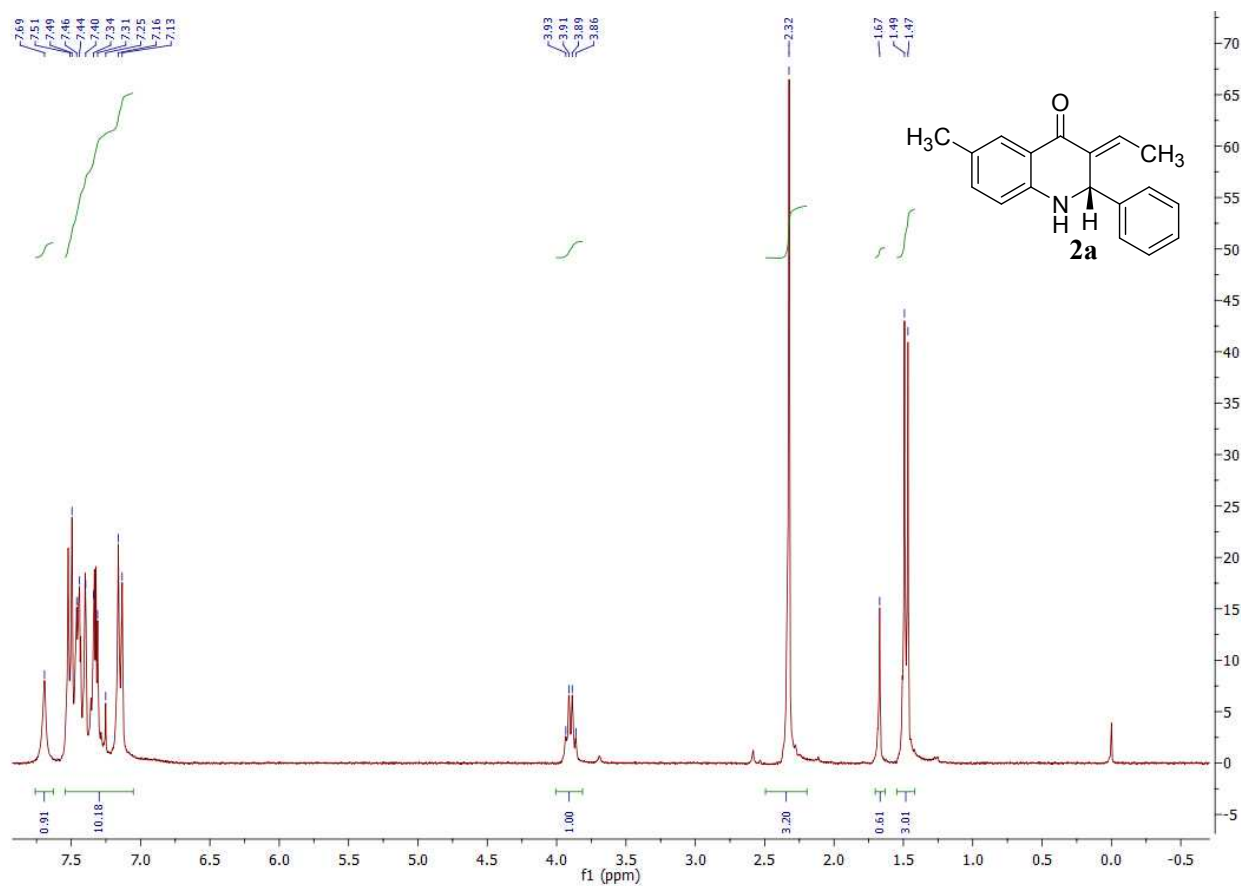
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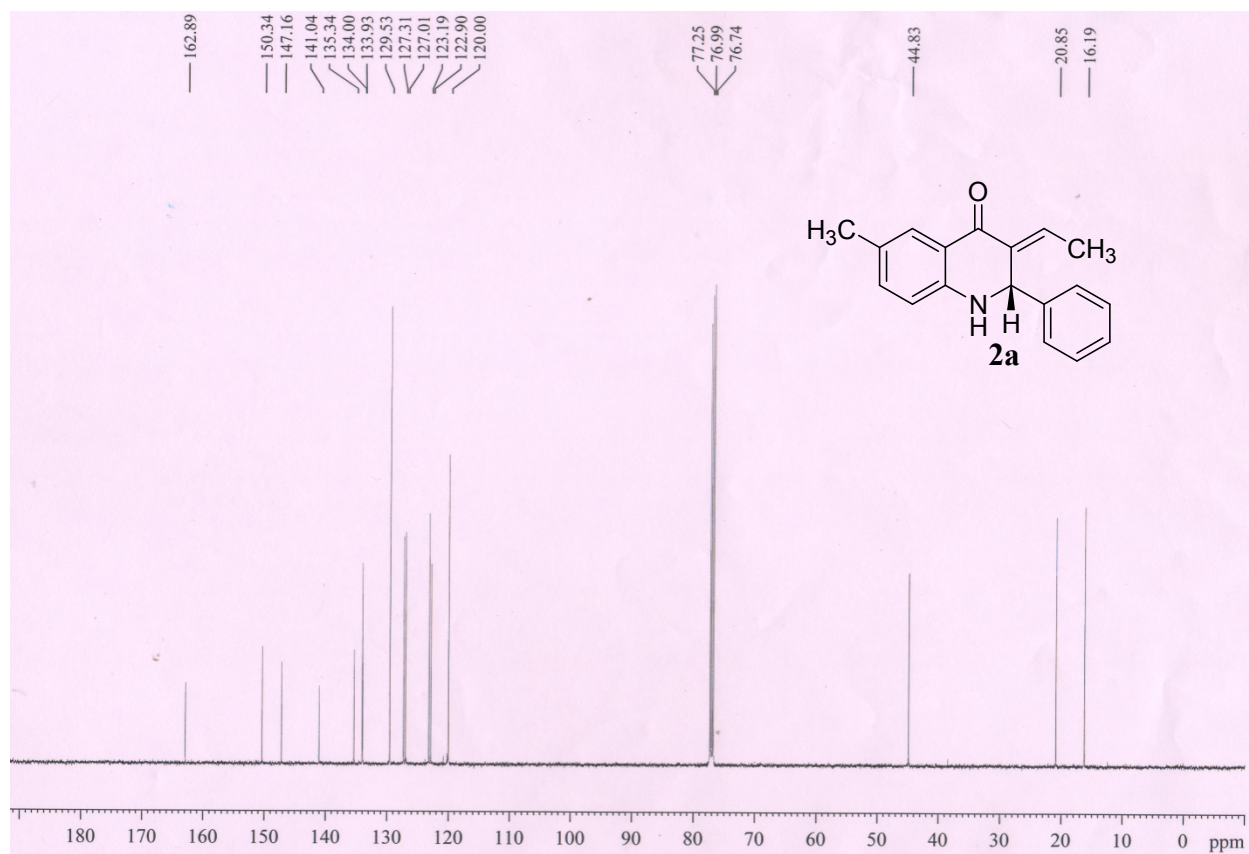
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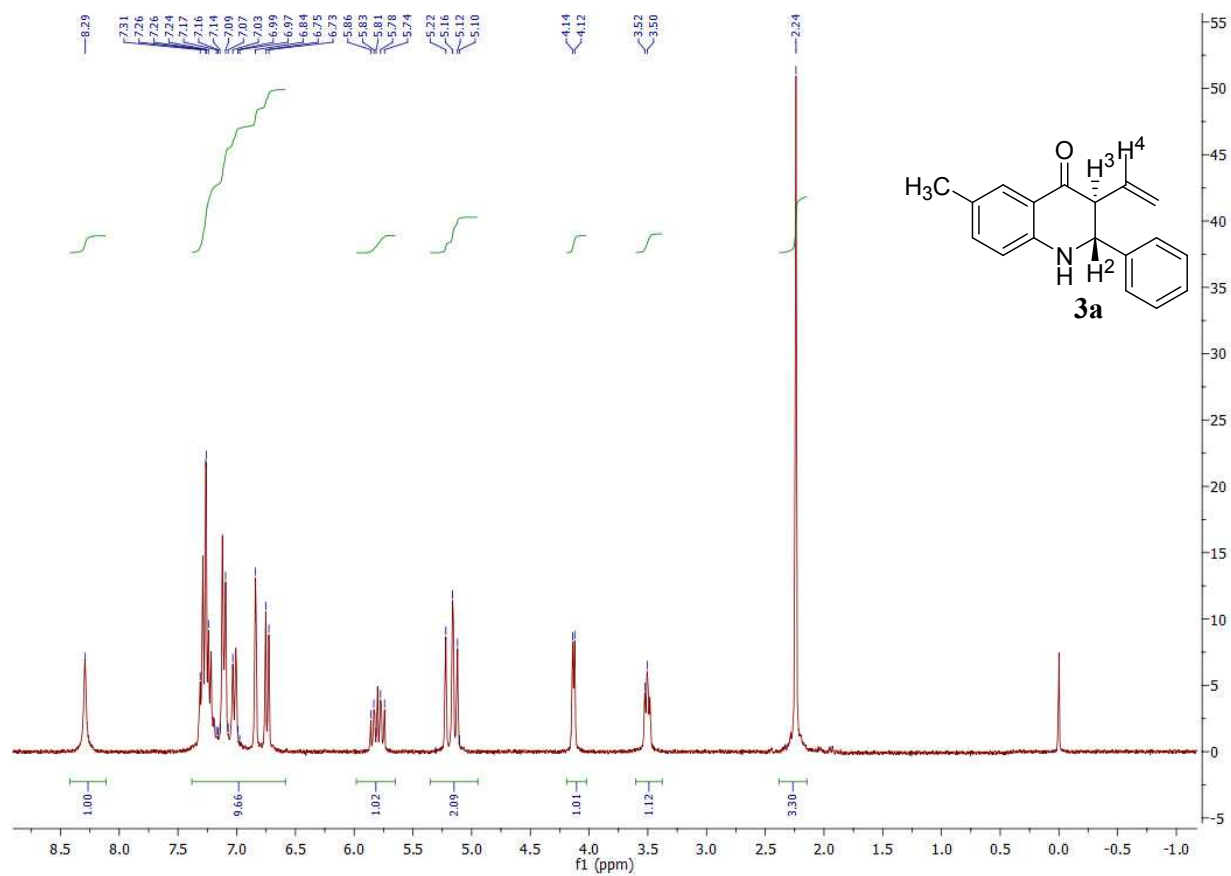
¹H NMR spectrum of compound **2a**



^{13}C NMR spectrum of compound **2a**



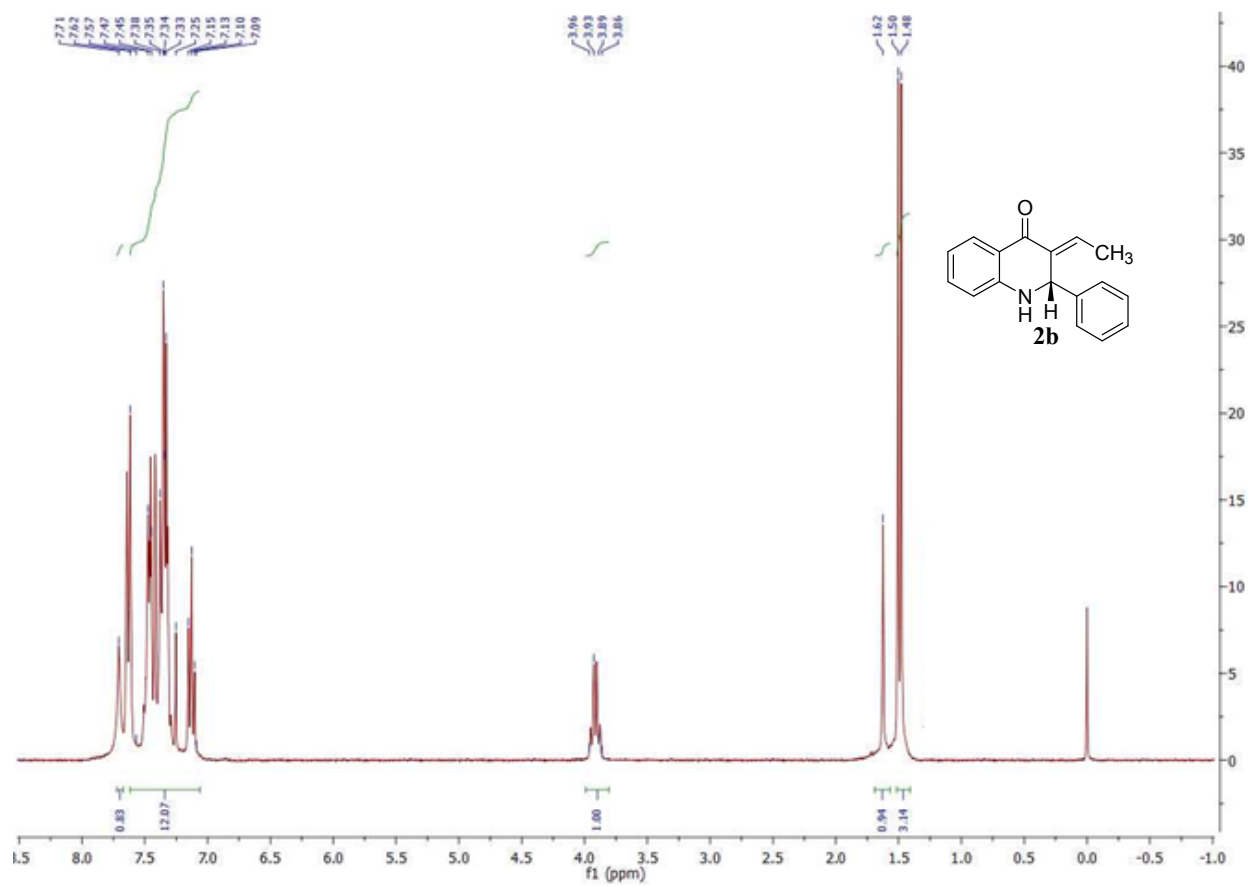
¹H NMR spectrum of compound **3a**



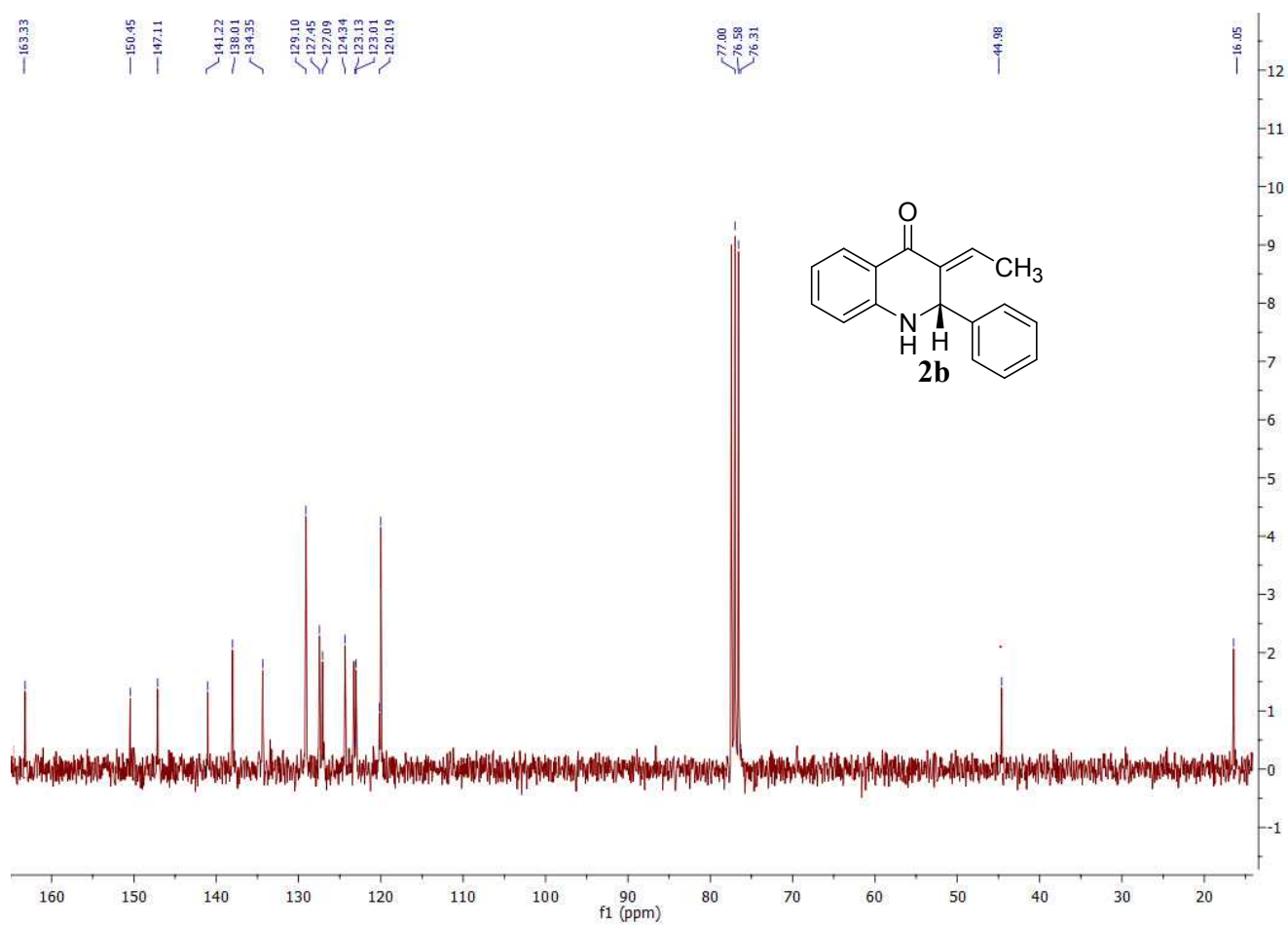
^{13}C NMR spectrum of compound **3a**



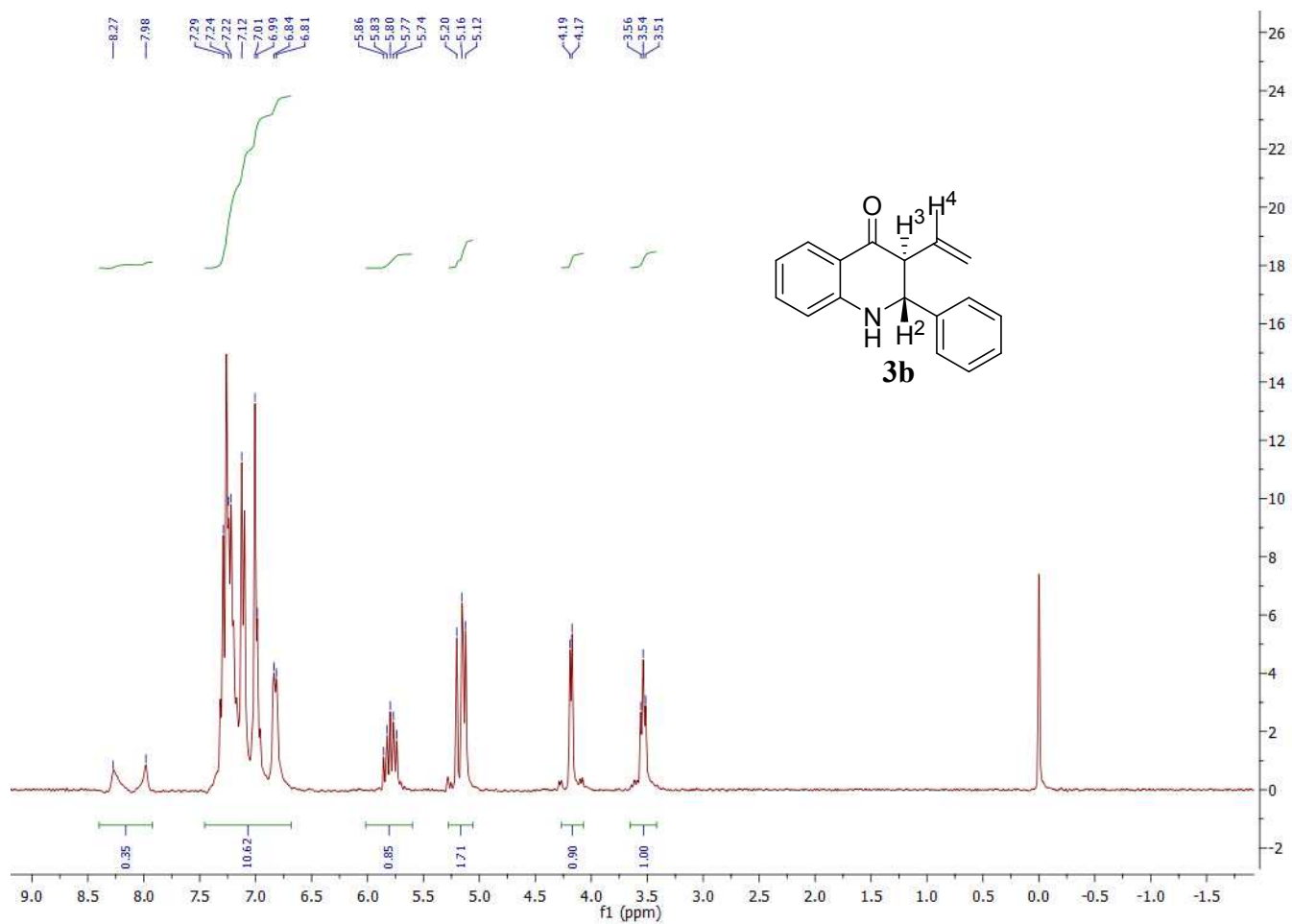
^1H NMR spectrum of compound **2b**



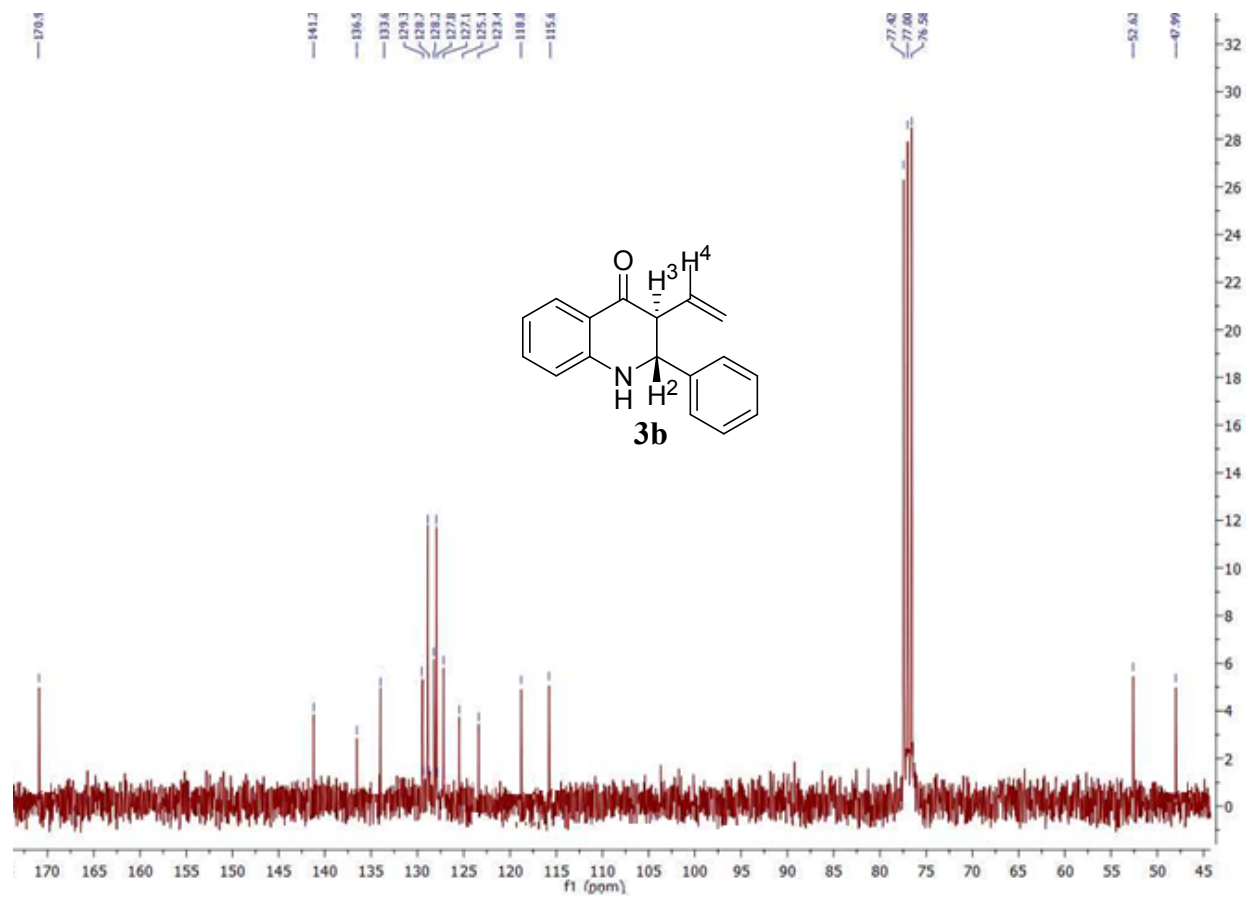
^{13}C NMR spectrum of compound **2b**



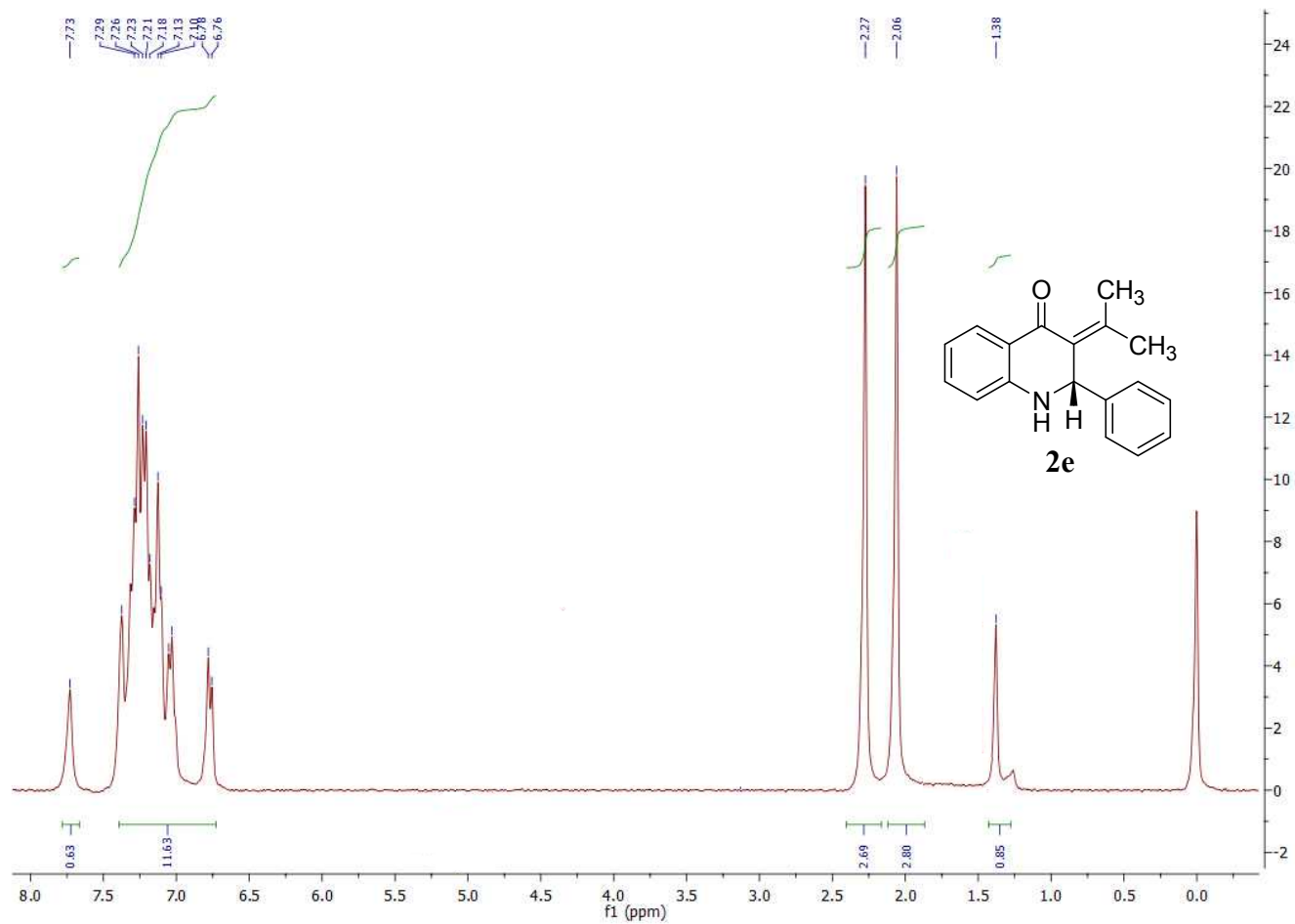
¹H NMR spectrum of compound **3b**



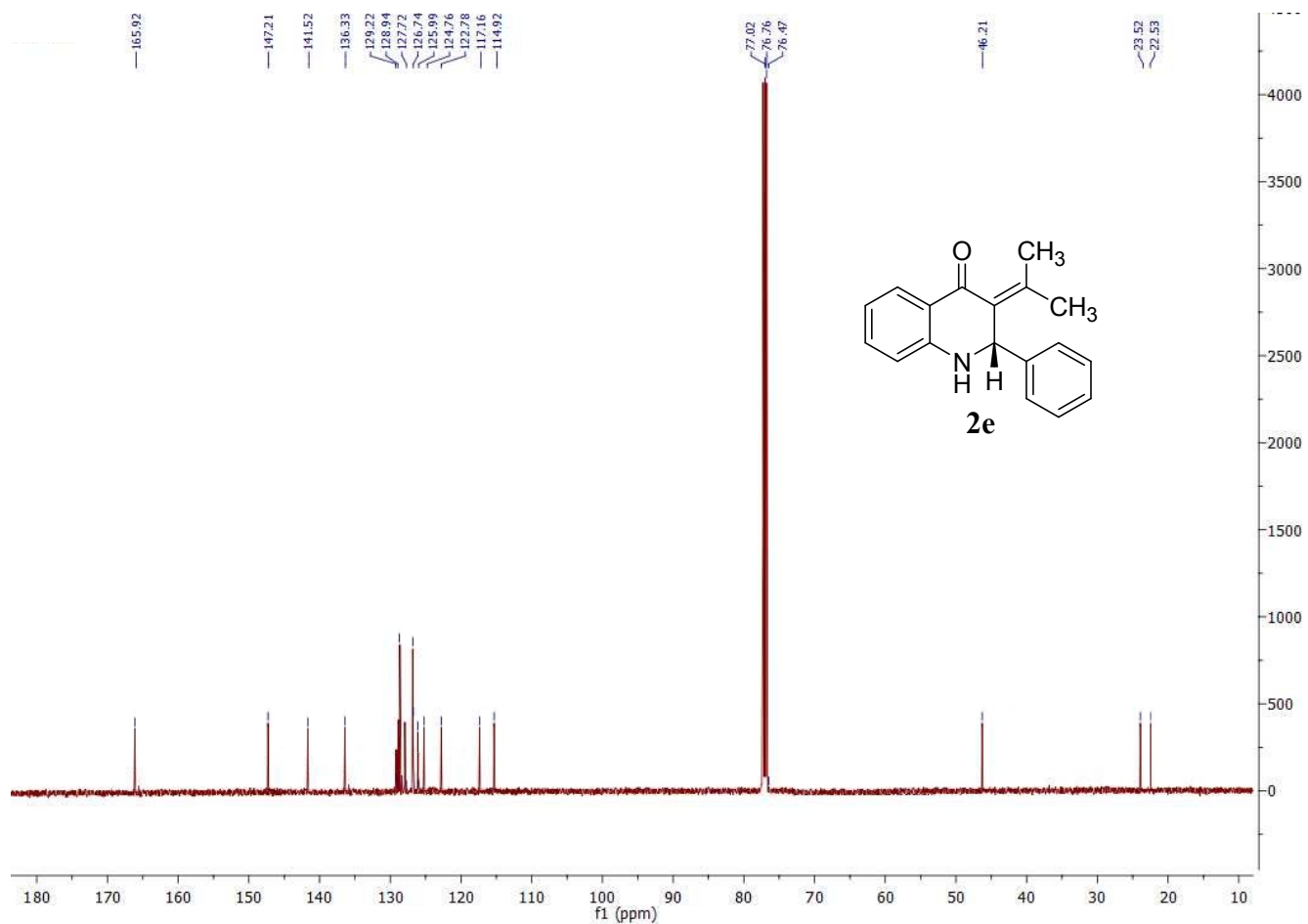
^{13}C NMR spectrum of compound **3b**



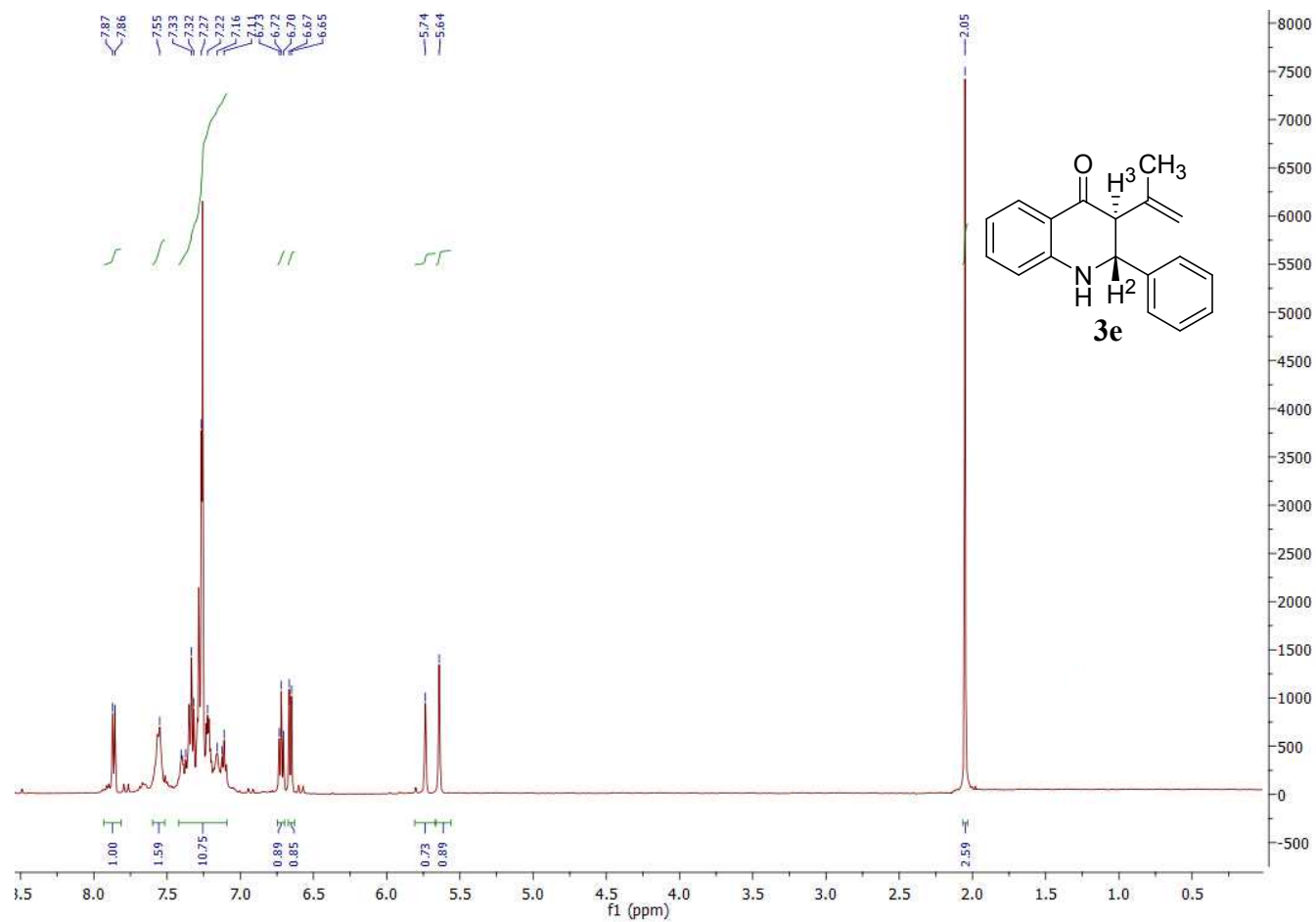
¹H NMR spectrum of compound 2e



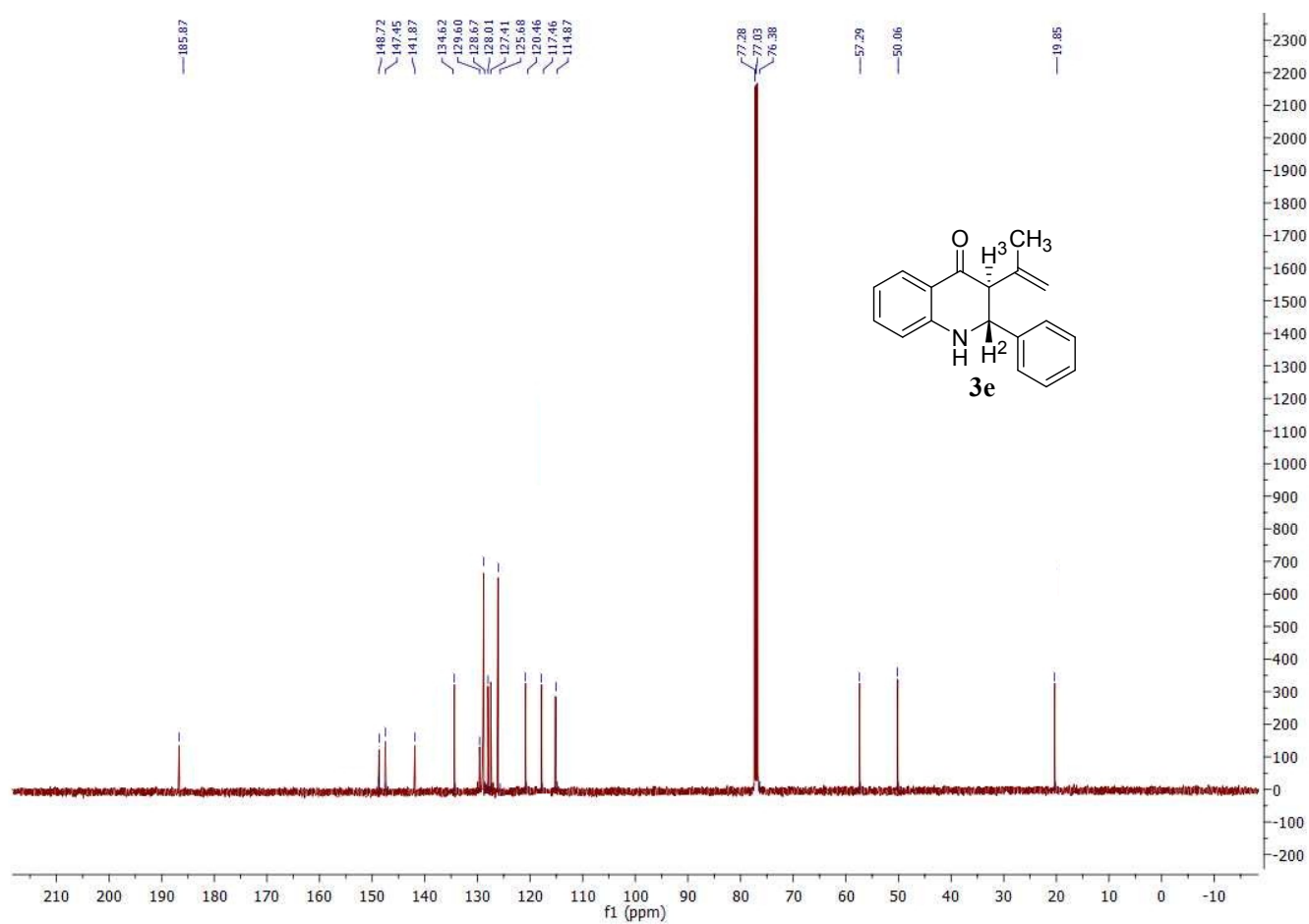
¹³C NMR spectrum of compound **2e**



¹H NMR spectrum of compound **3e**



^{13}C NMR spectrum of compound **3e**



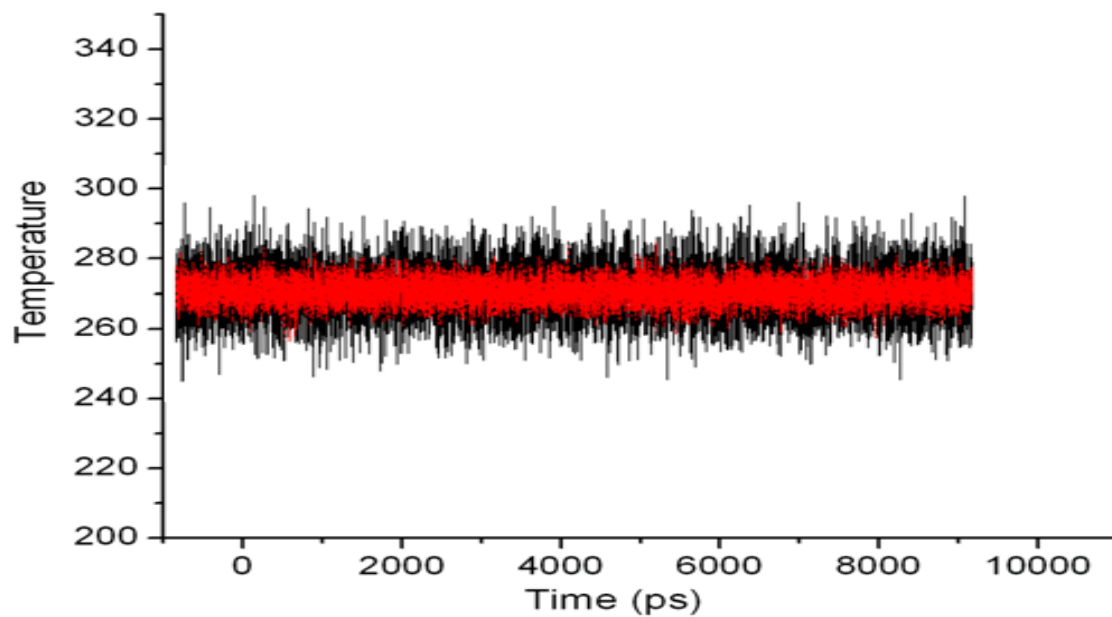


Figure A: Temperature (in Kelvin) profiles of the MD simulations for compound 2a (in black) and 3a in Red).

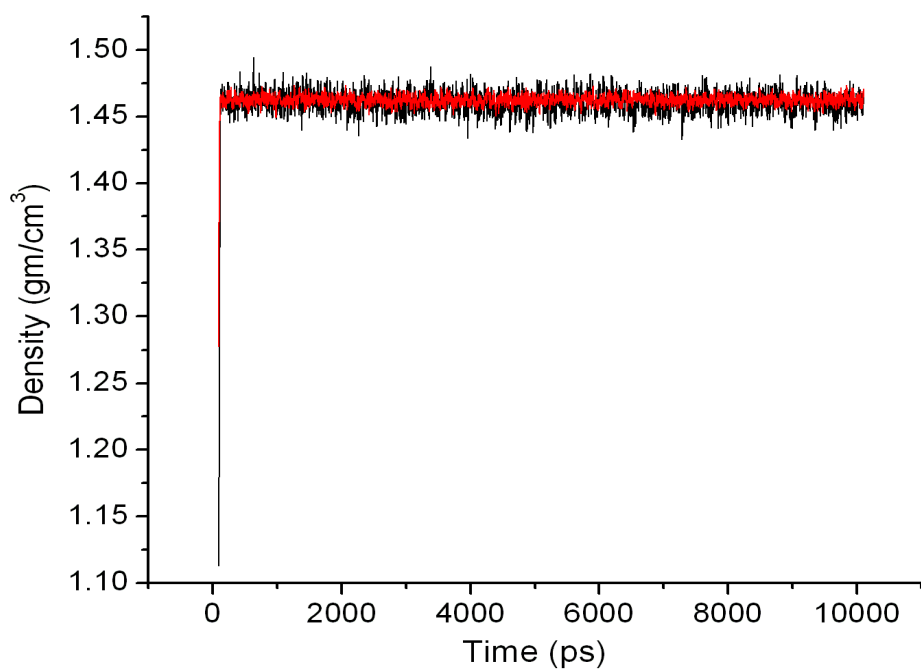


Figure B: Density profiles of the MD simulations for compound 2a (in black) and 3a in Red).

