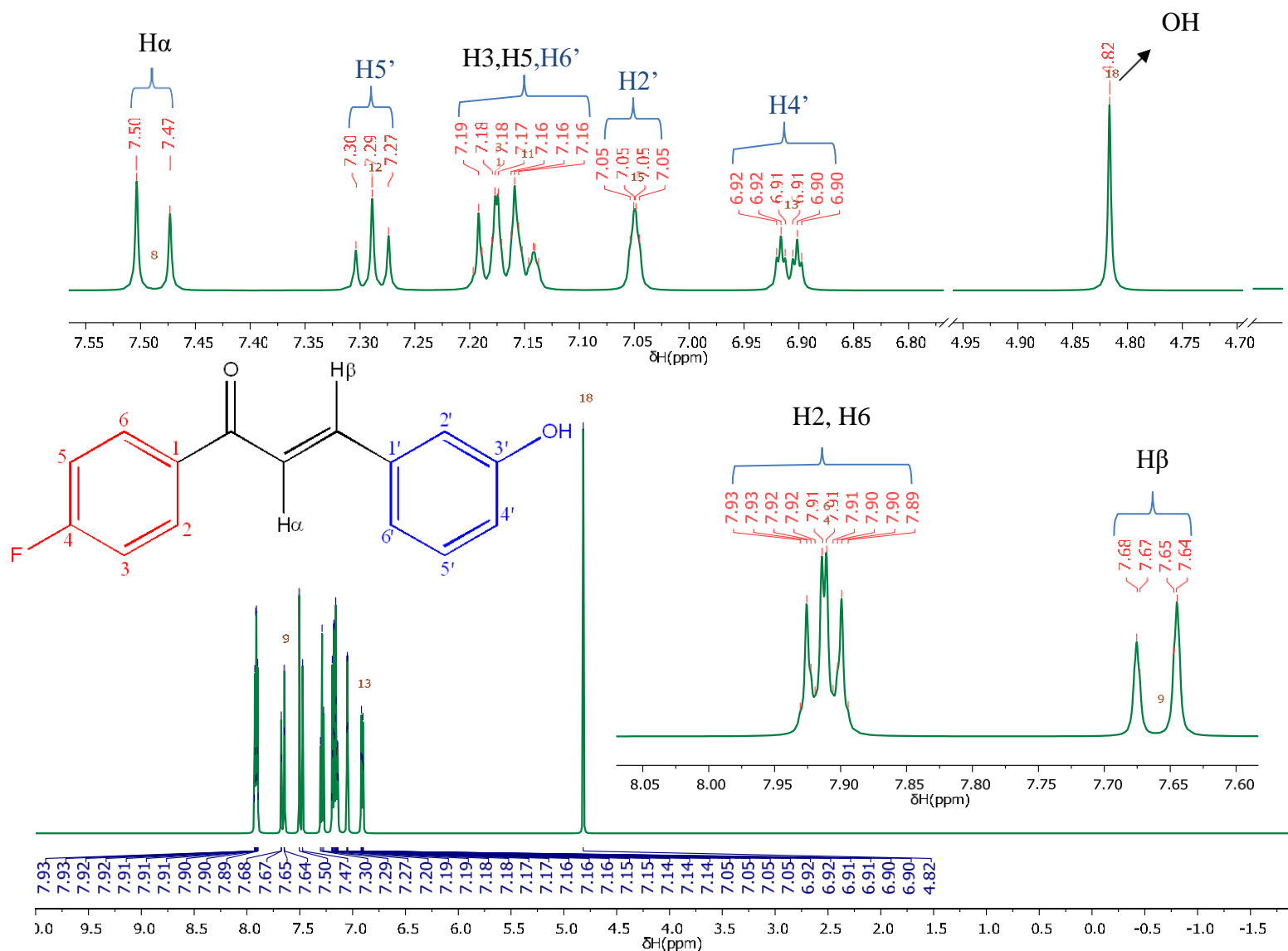
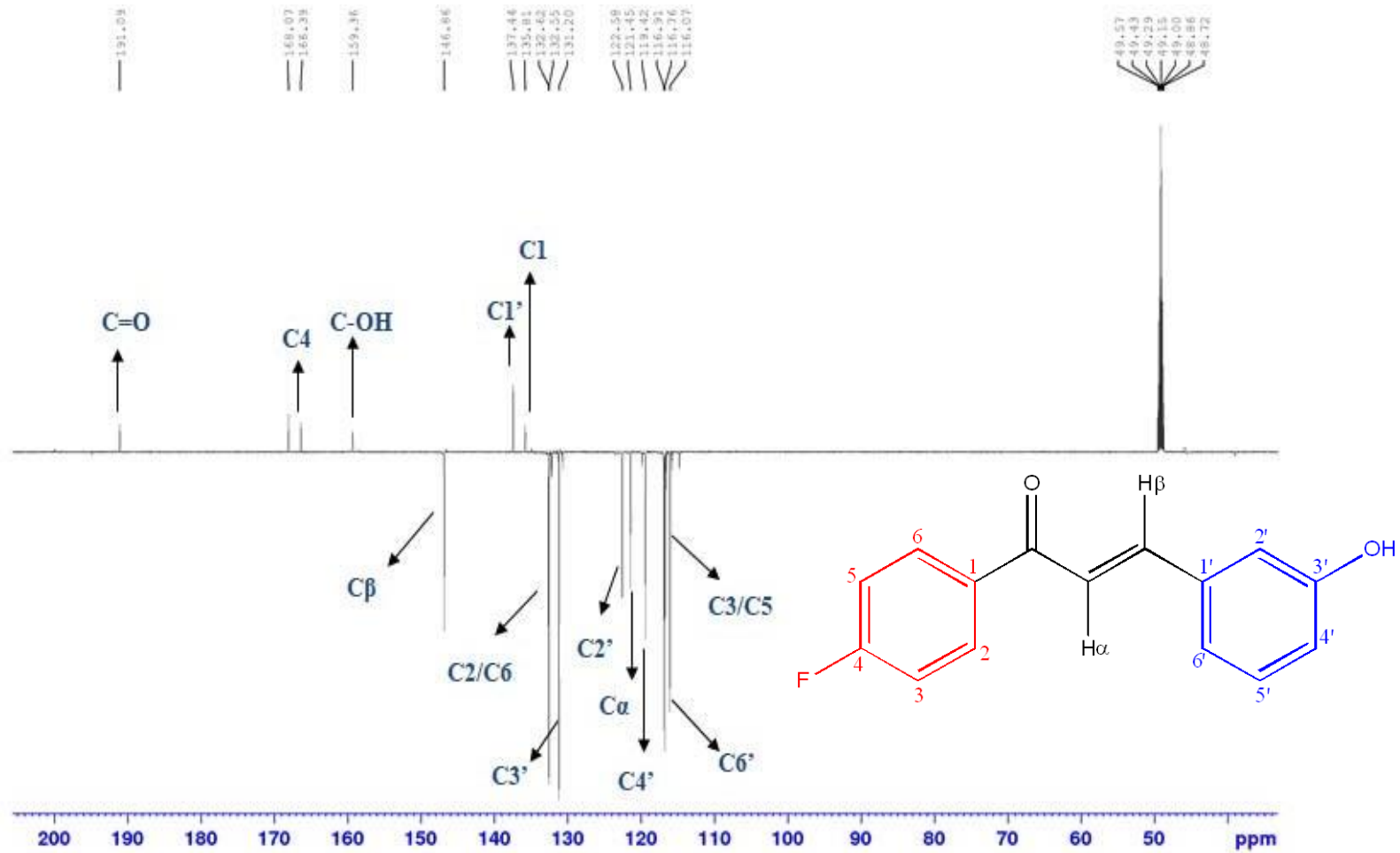
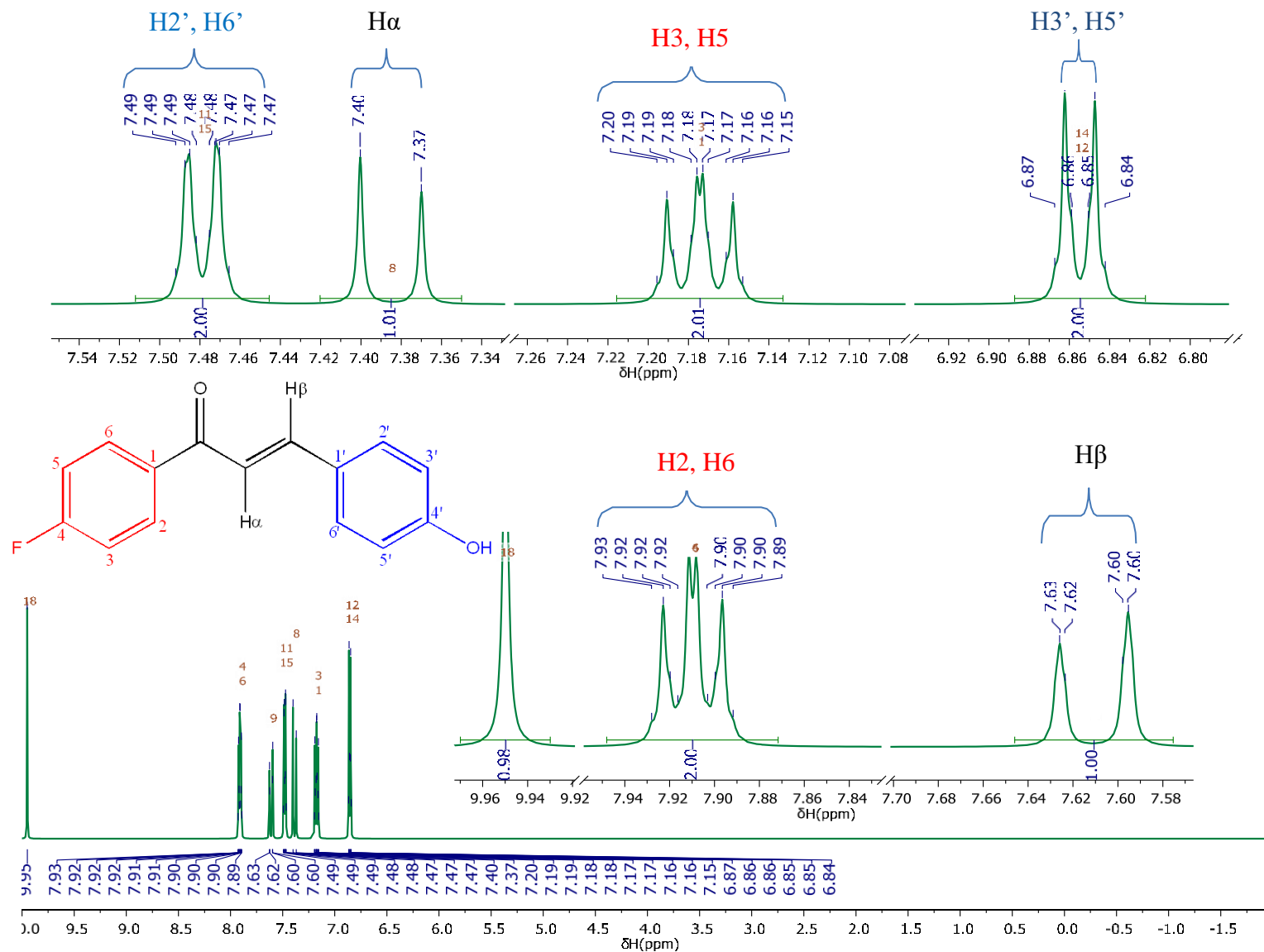


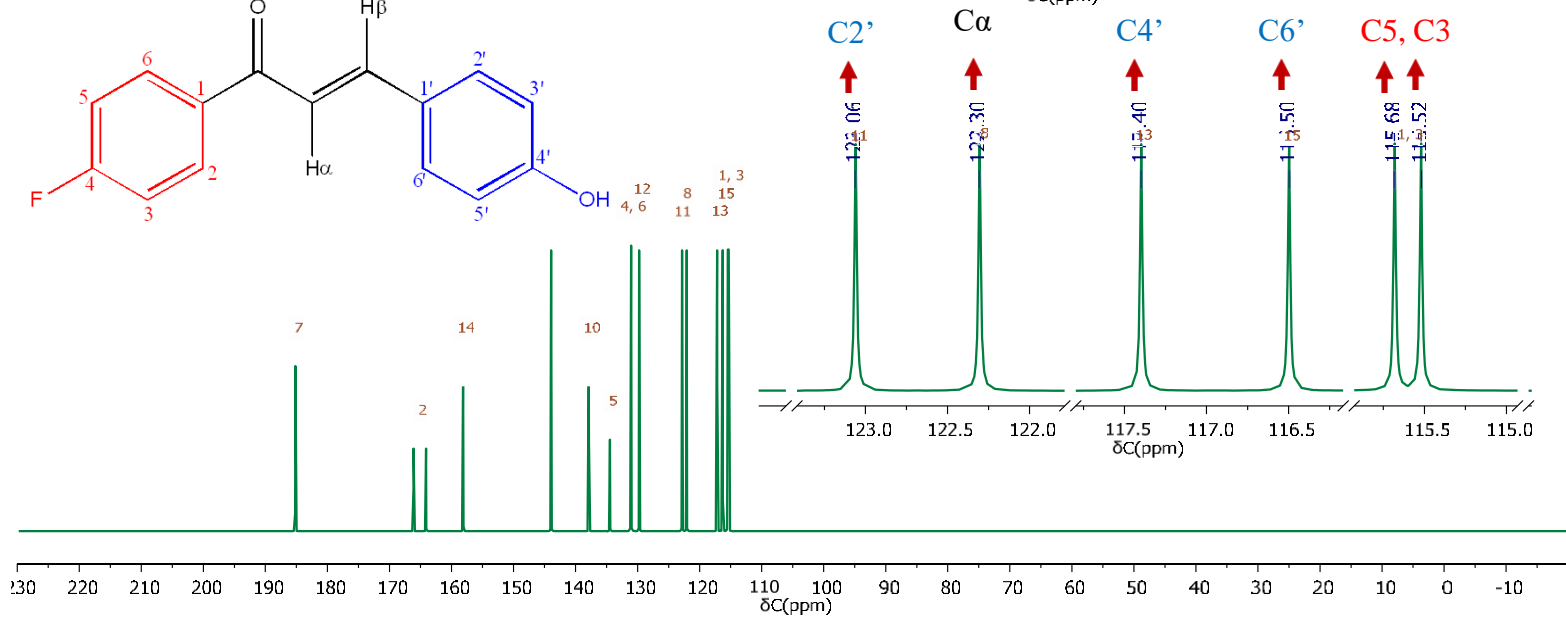
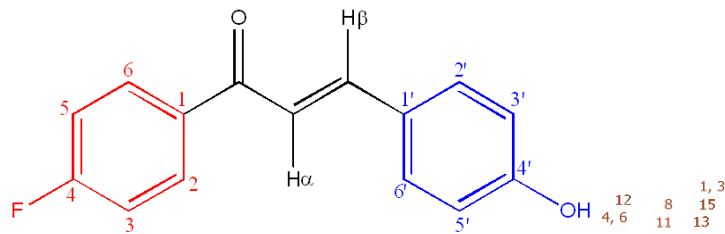
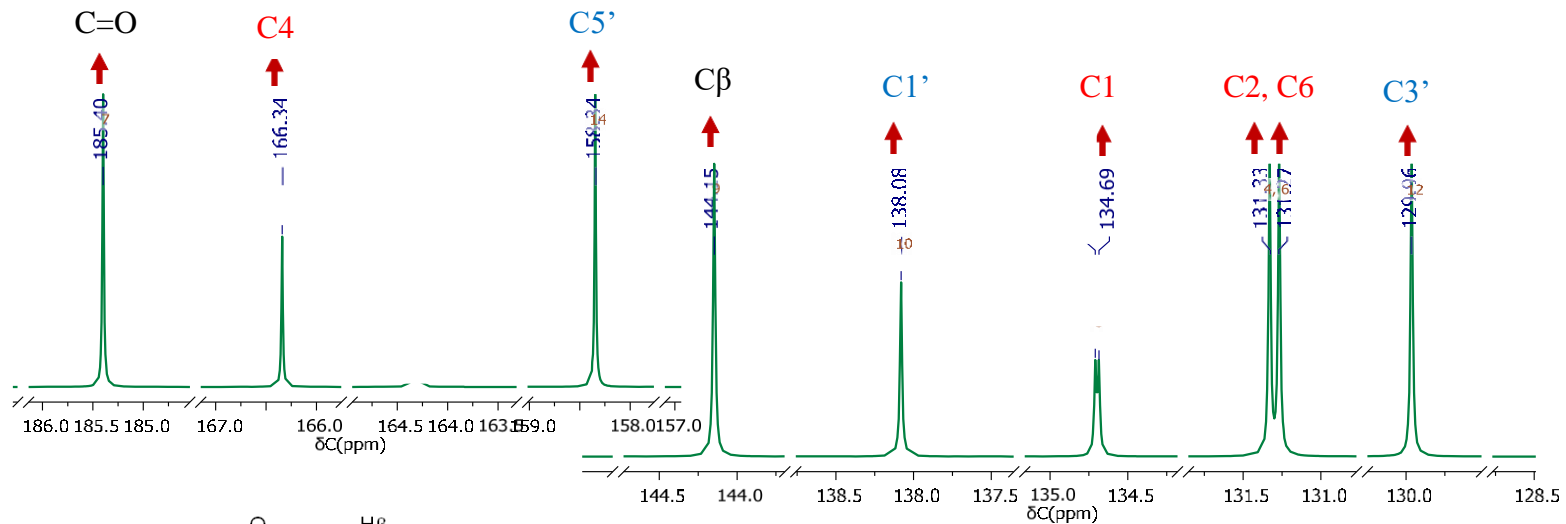
1.  $^1\text{H}$ NMR and  $^{13}\text{C}$ NMR Spectra of compound (*E*)-1-(4-fluorophenyl)-3-(3-hydroxyphenyl)prop-2-en-1-one (**1a**)



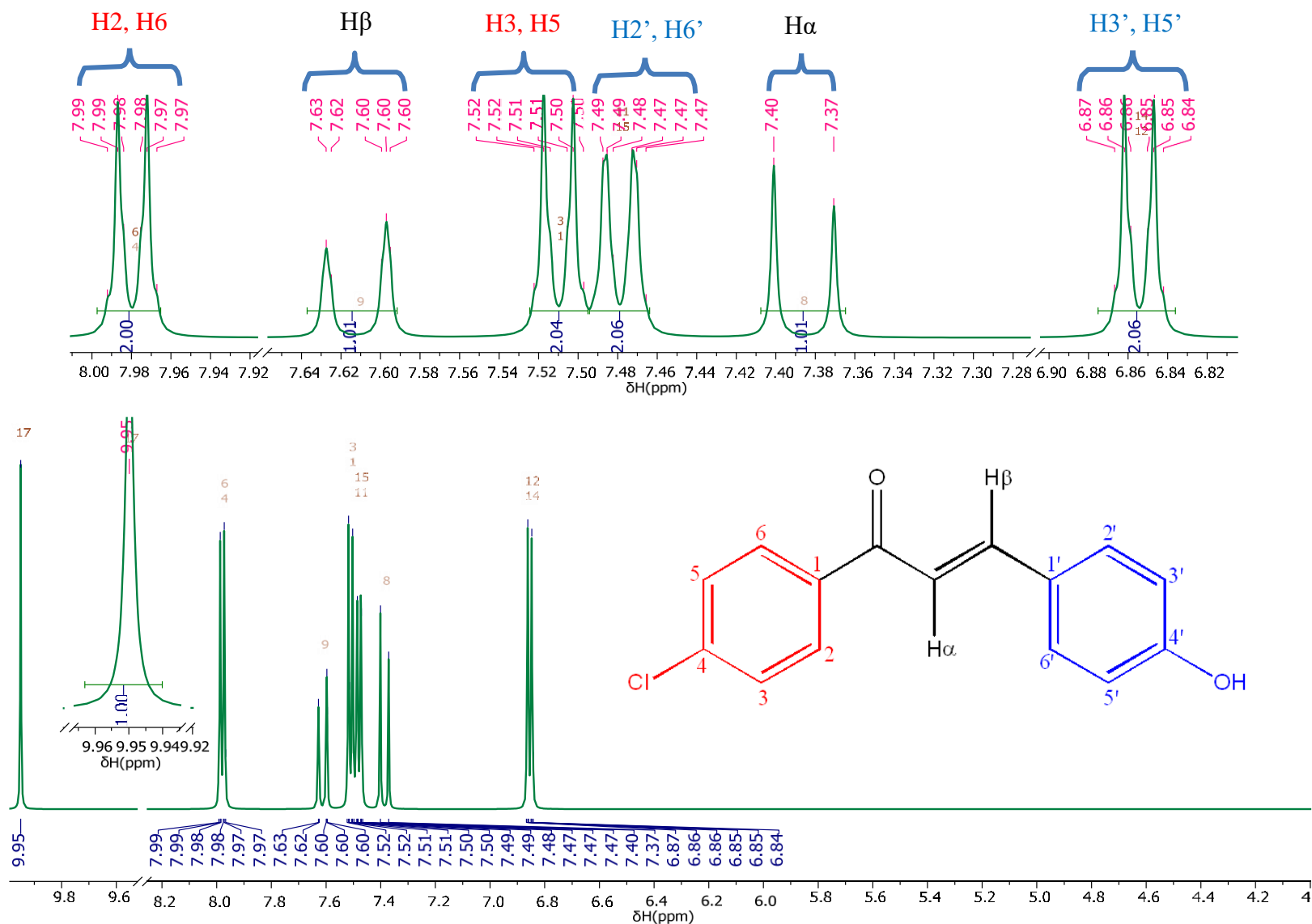


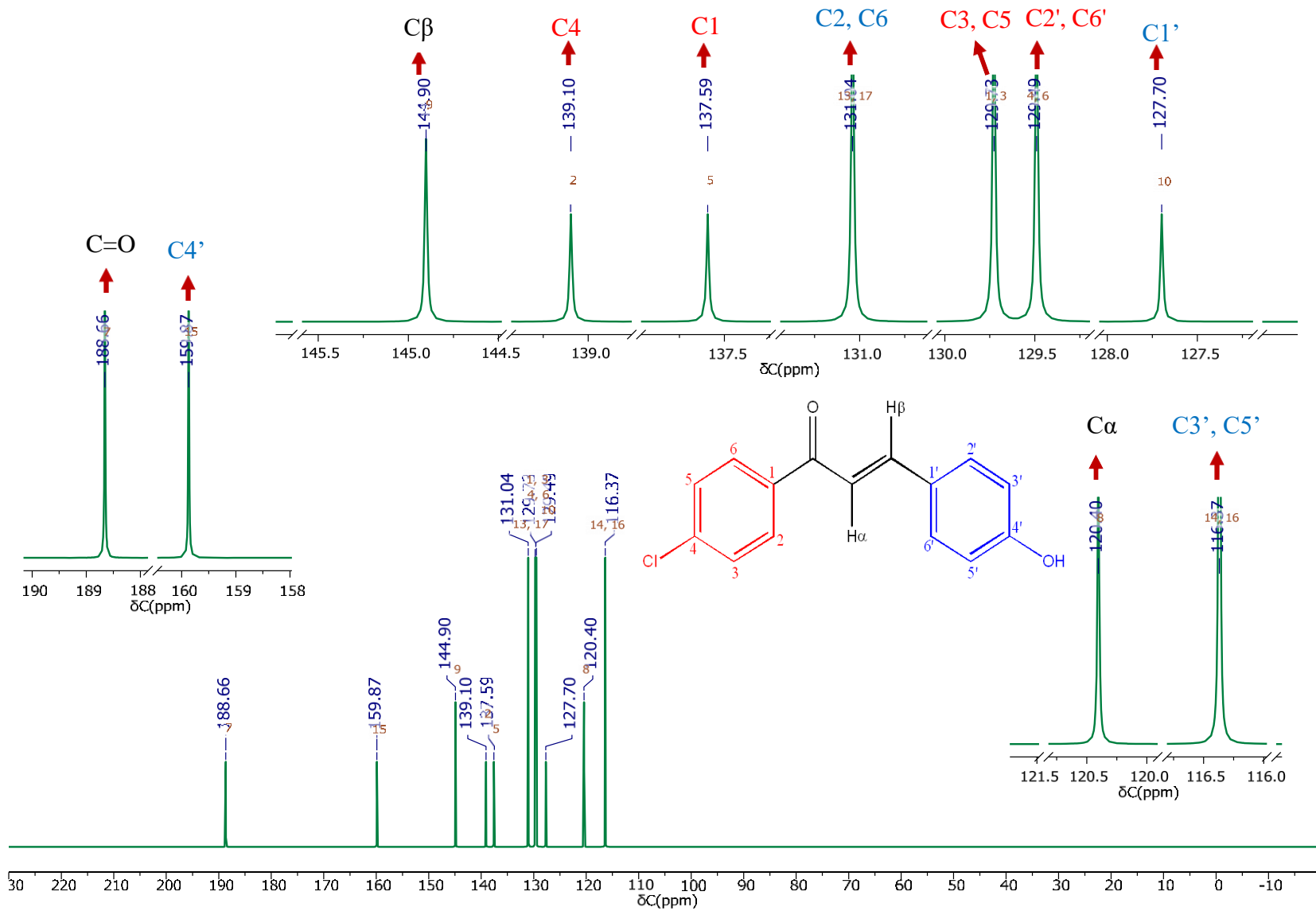
2. <sup>1</sup>HNMR and <sup>13</sup>CNMR Spectra of compound (*E*)-1-(4-fluorophenyl)-3-(4-hydroxyphenyl)prop-2-en-1-one (**1b**)



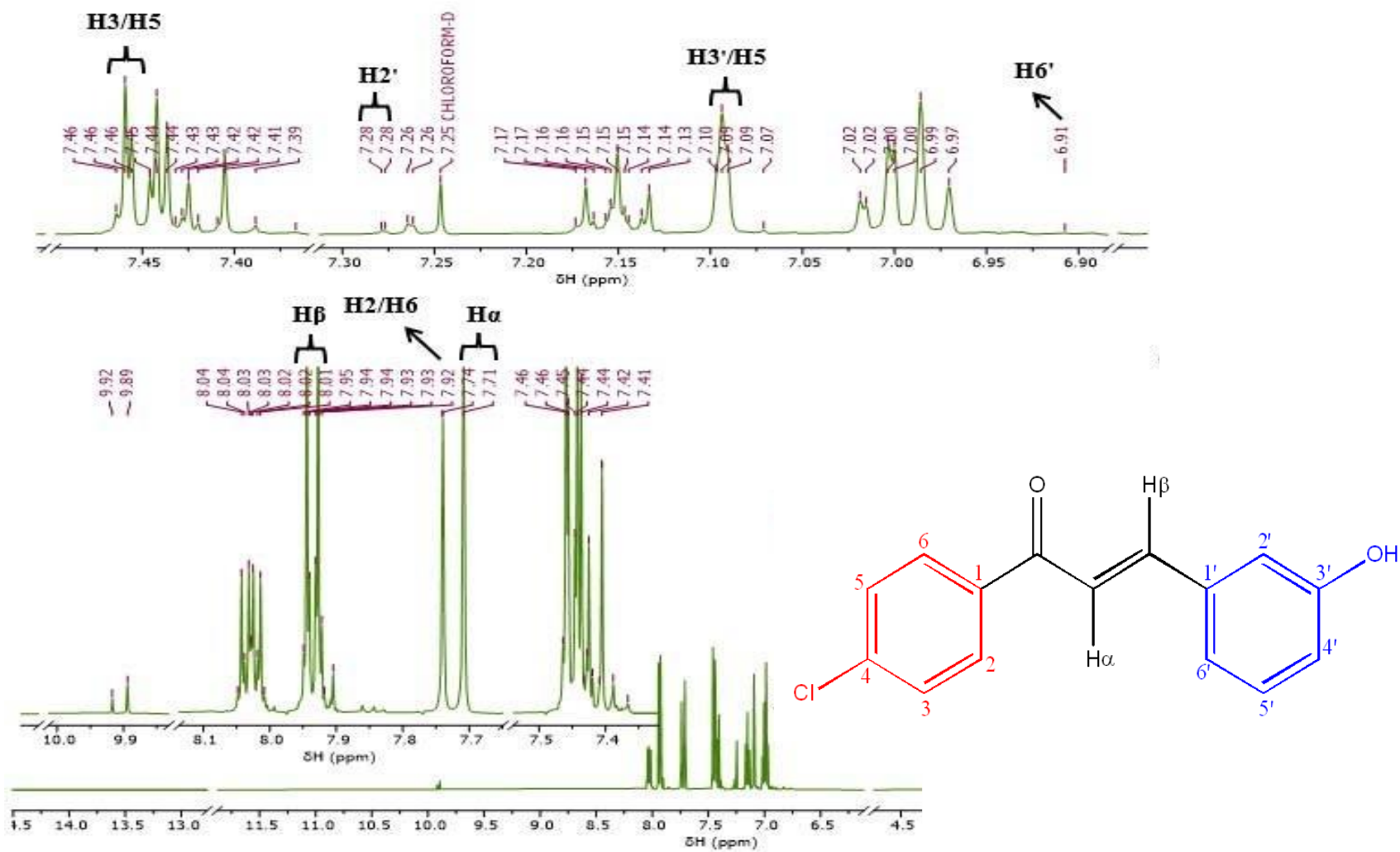


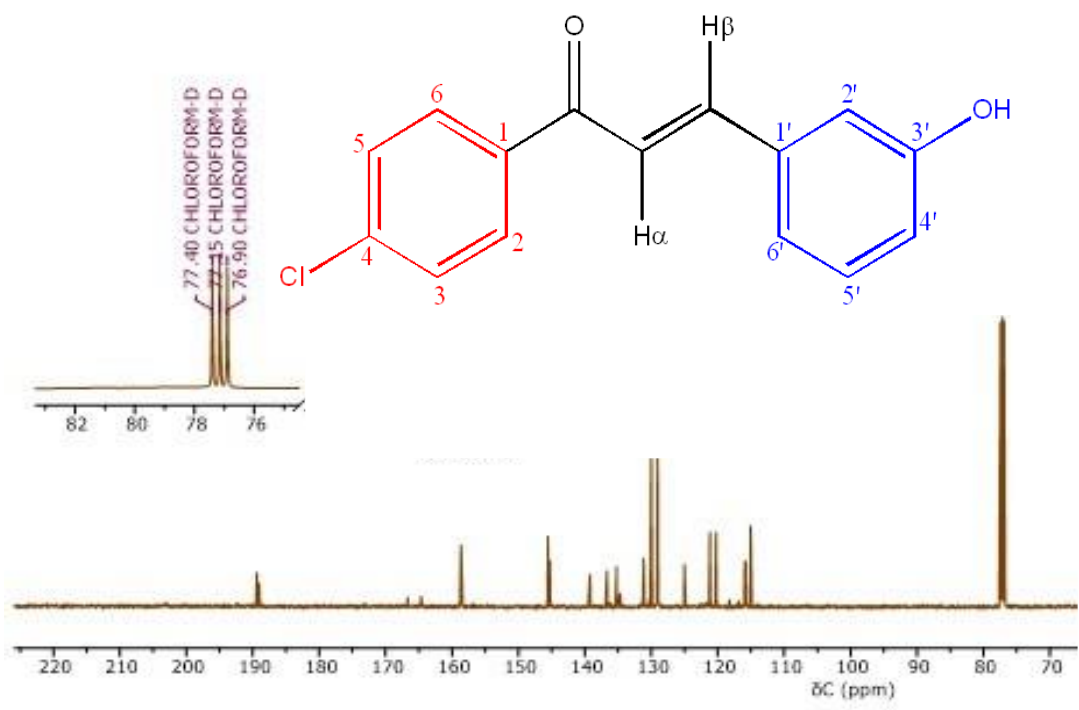
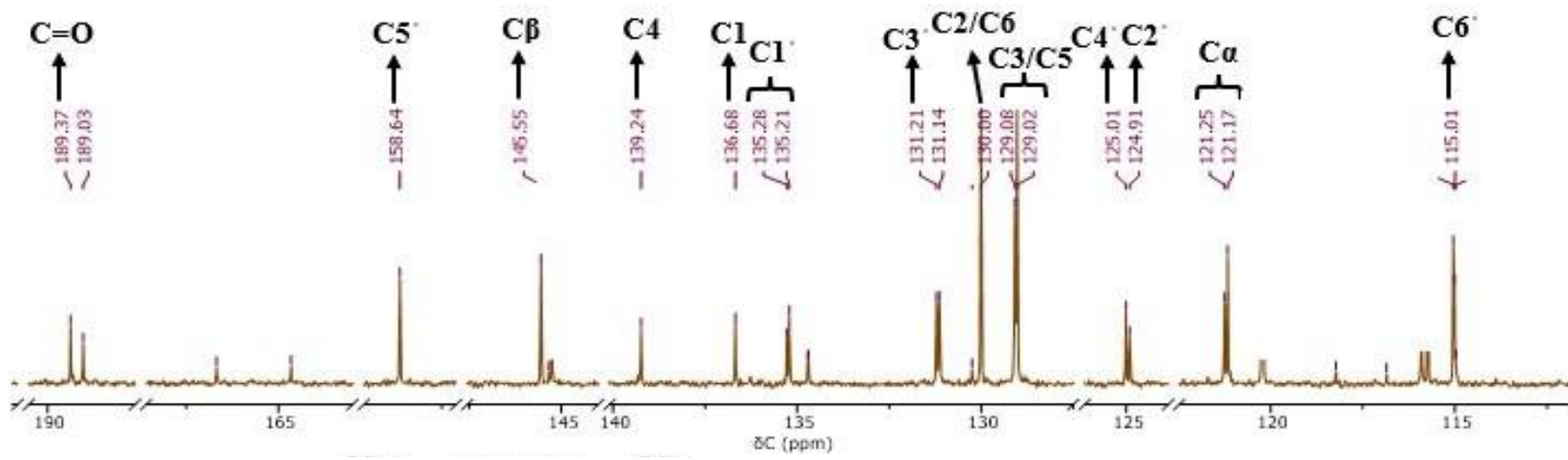
3.  $^1\text{H}$ NMR and  $^{13}\text{C}$ NMR Spectra of compound (*E*)-1-(4-chlorophenyl)-3-(4-hydroxyphenyl)prop-2-en-1-one (**1c**)





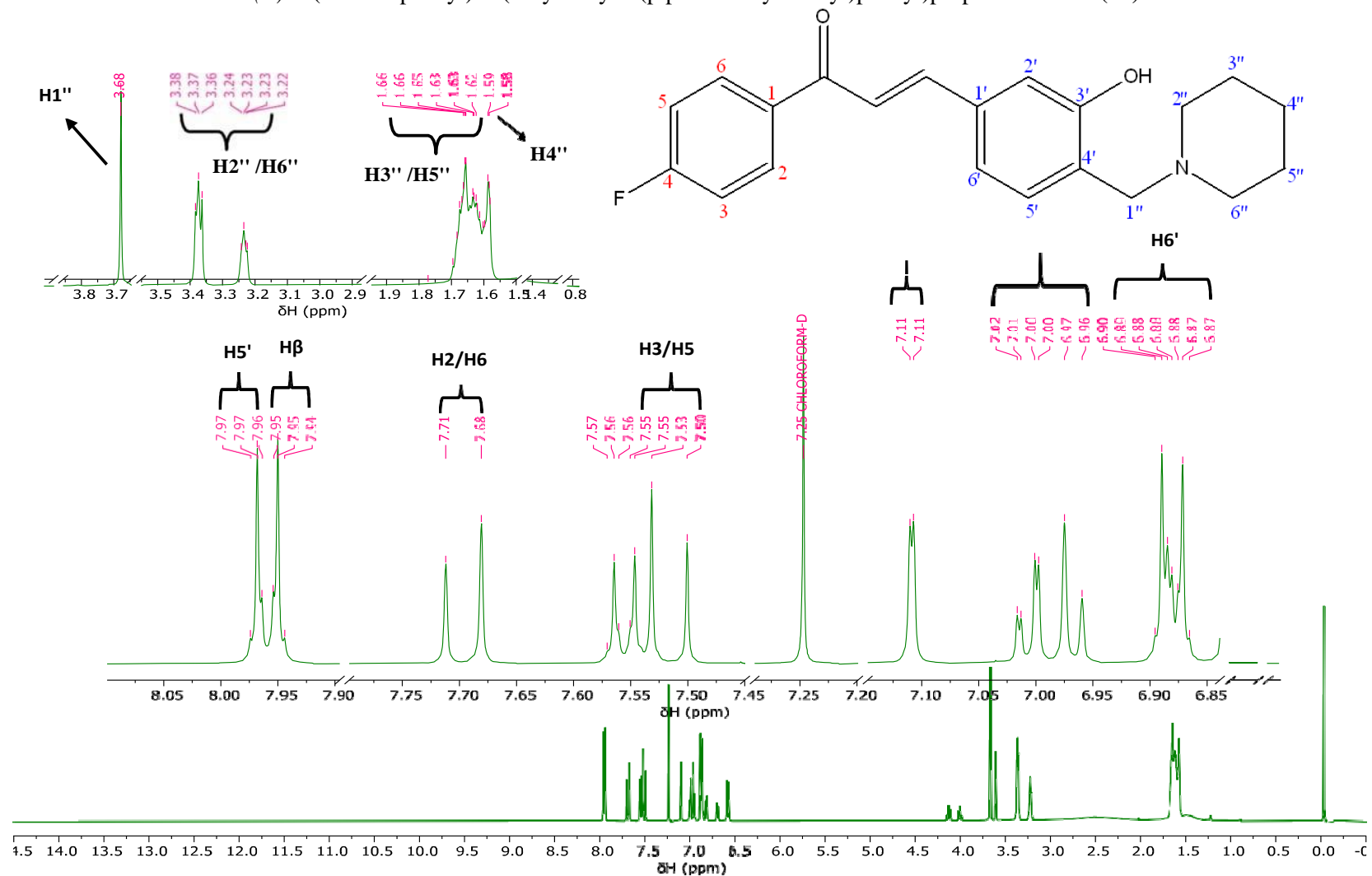
4.  $^1\text{H}$ NMR and  $^{13}\text{C}$ NMR Spectra of compound (*E*)-1-(4-chlorophenyl)-3-(3-hydroxyphenyl) prop-2-en-1-one (**1d**)

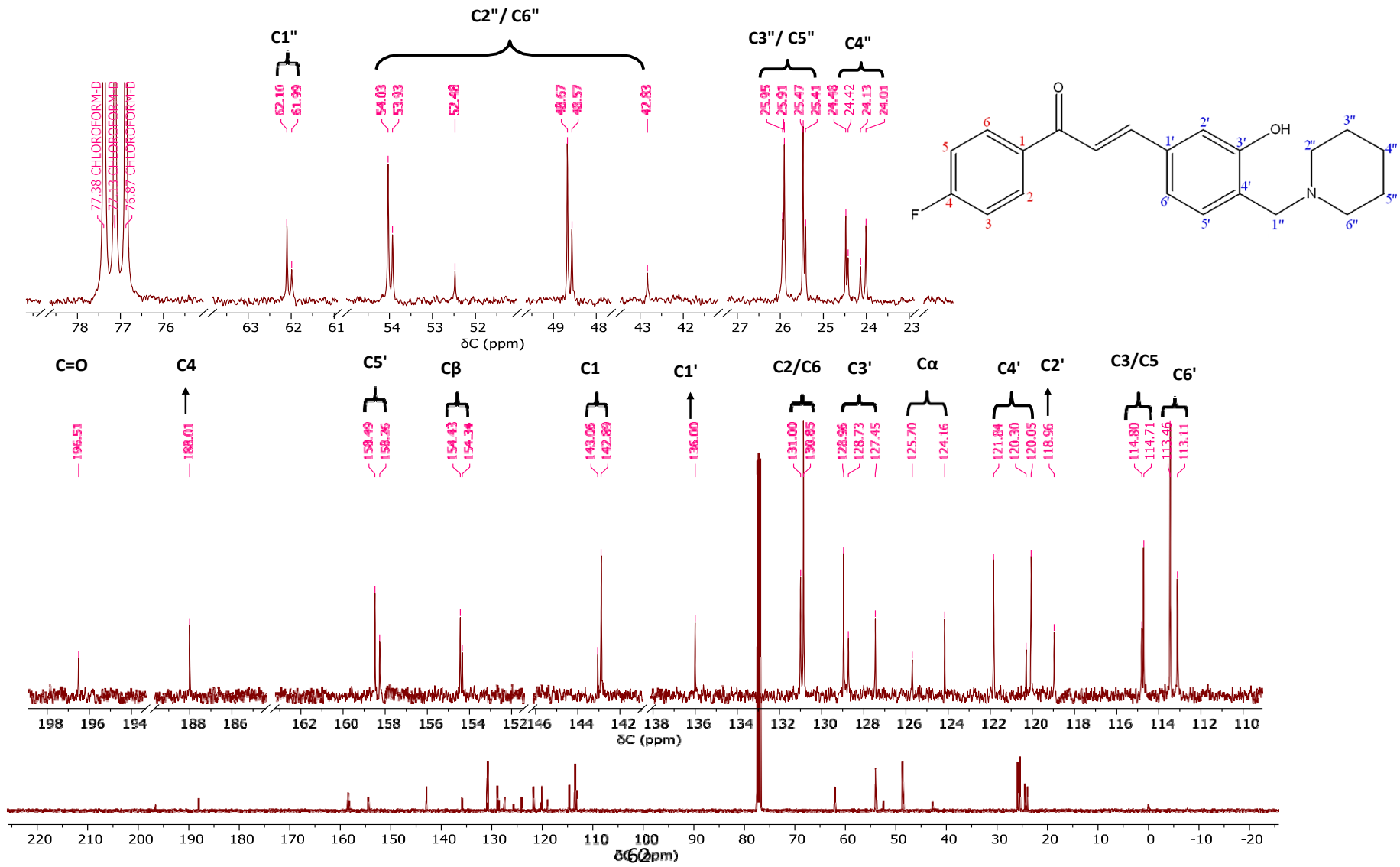




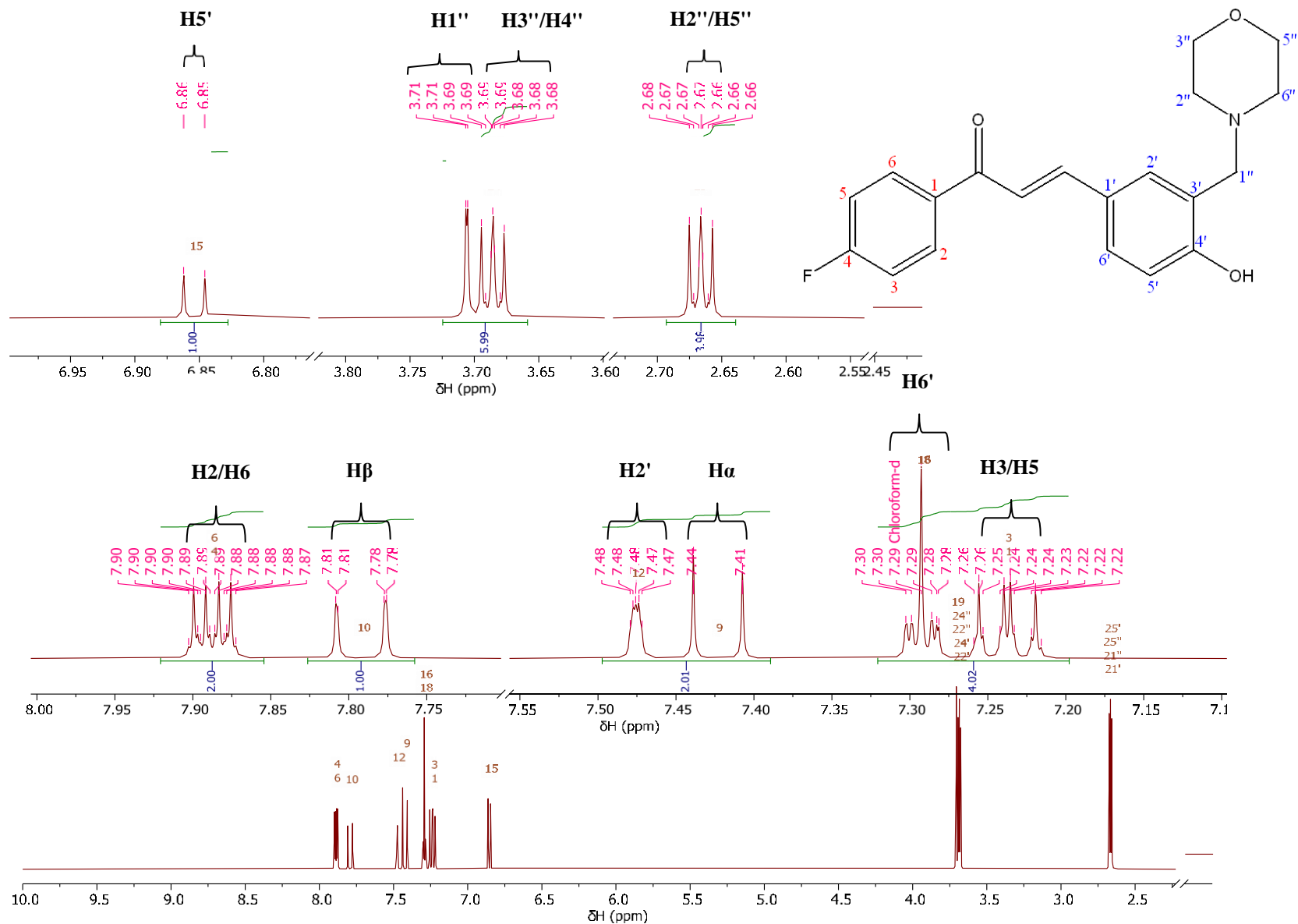


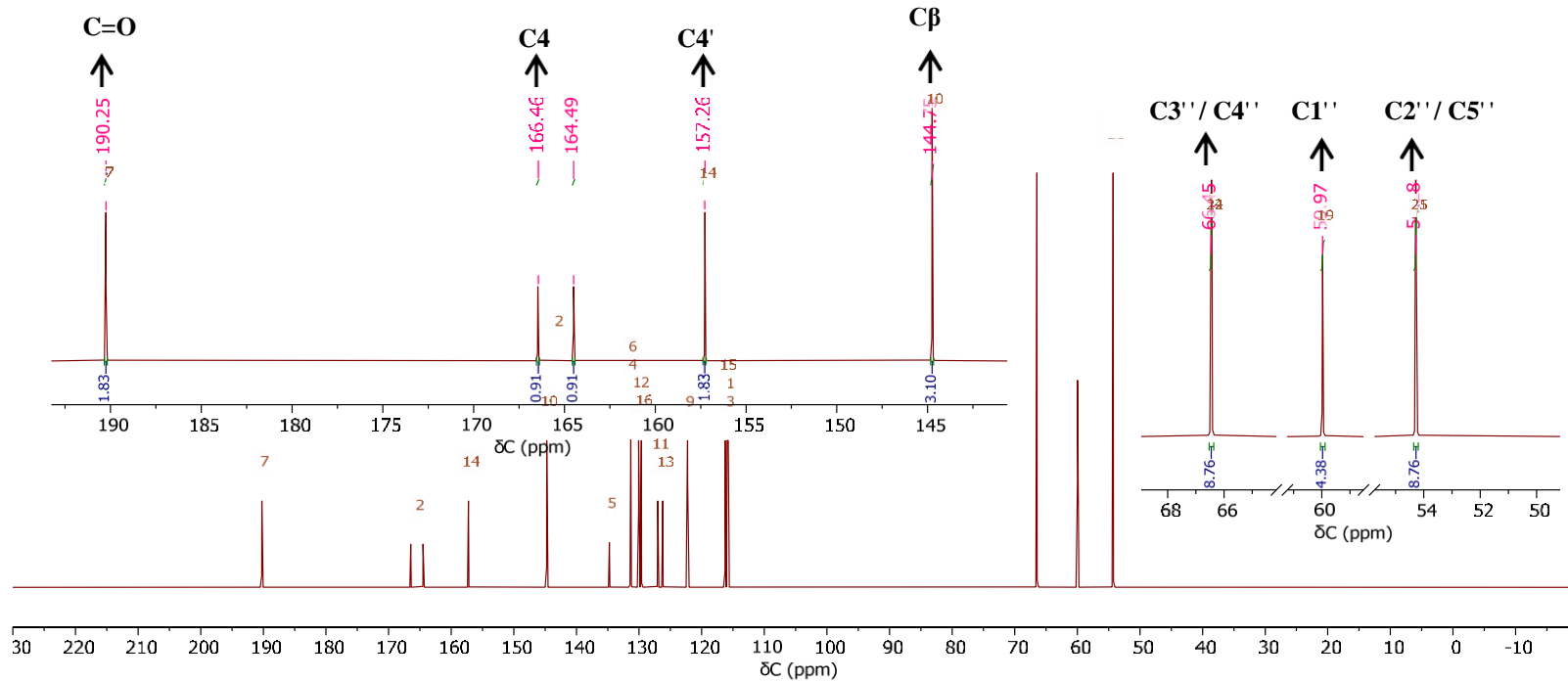
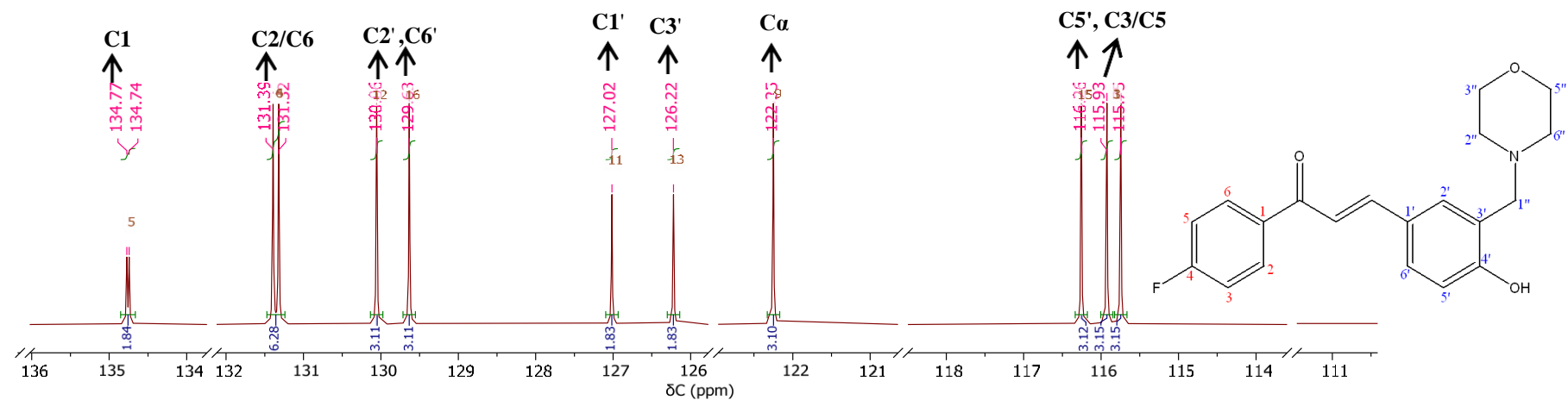
5.  $^1\text{H}$ NMR and  $^{13}\text{C}$ NMR (*E*)-1-(4-fluorophenyl)-3-(3-hydroxy-4-(piperidin-1-ylmethyl)phenyl)prop-2-en-1-one (**2a**)



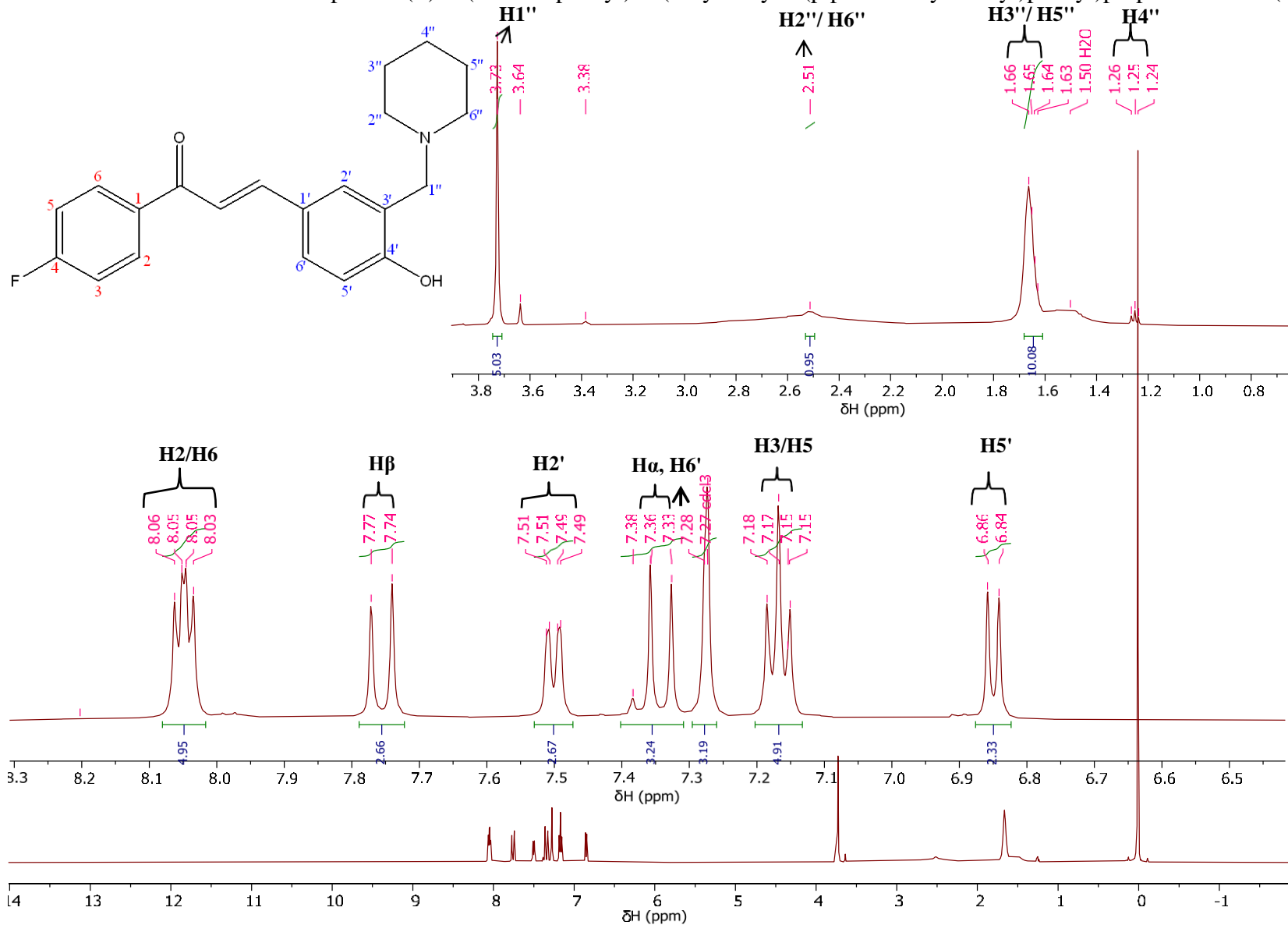


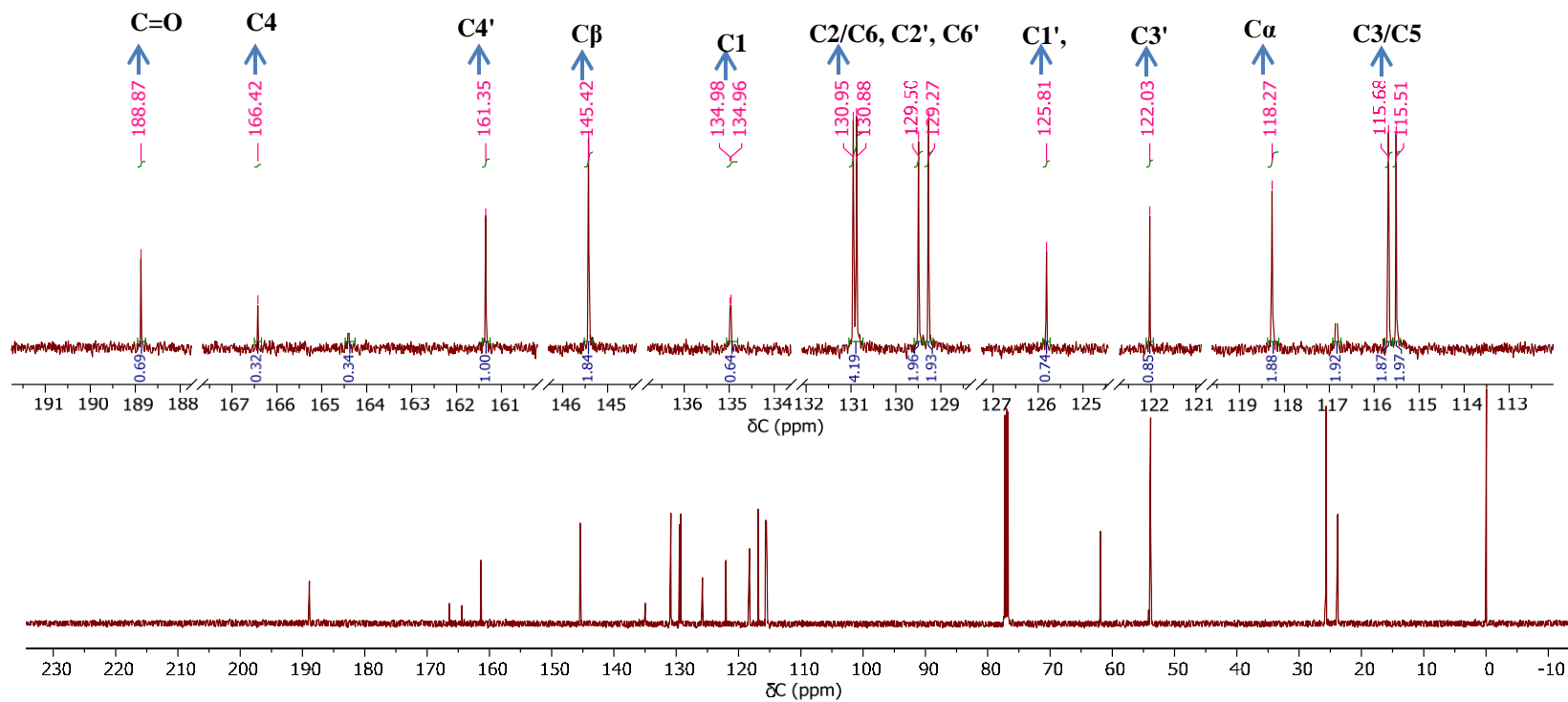
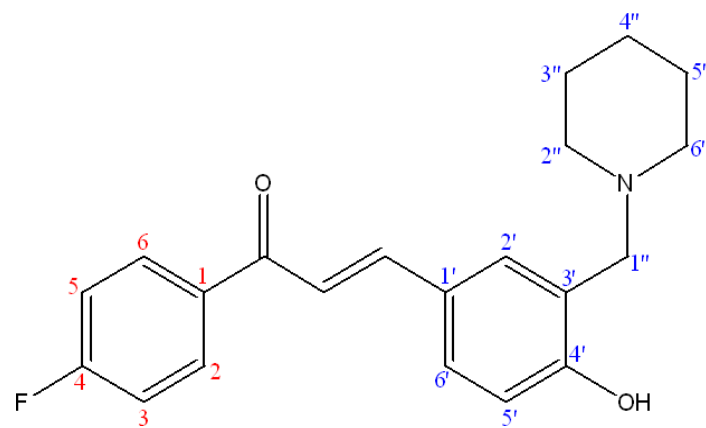
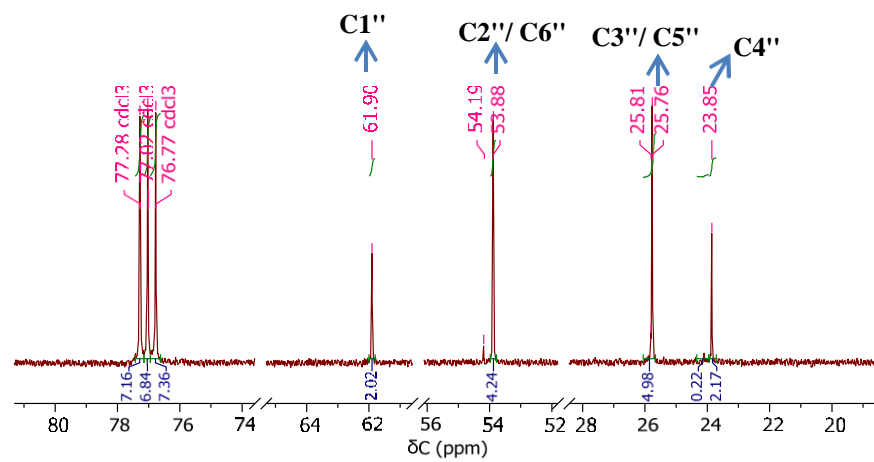
6. <sup>1</sup>HNMR and <sup>13</sup>CNMR Spectra of compound (*E*)-1-(4-fluorophenyl)-3-(4-hydroxy-3-(morpholinomethyl)phenyl)prop-2-en-1-one (**2b**)



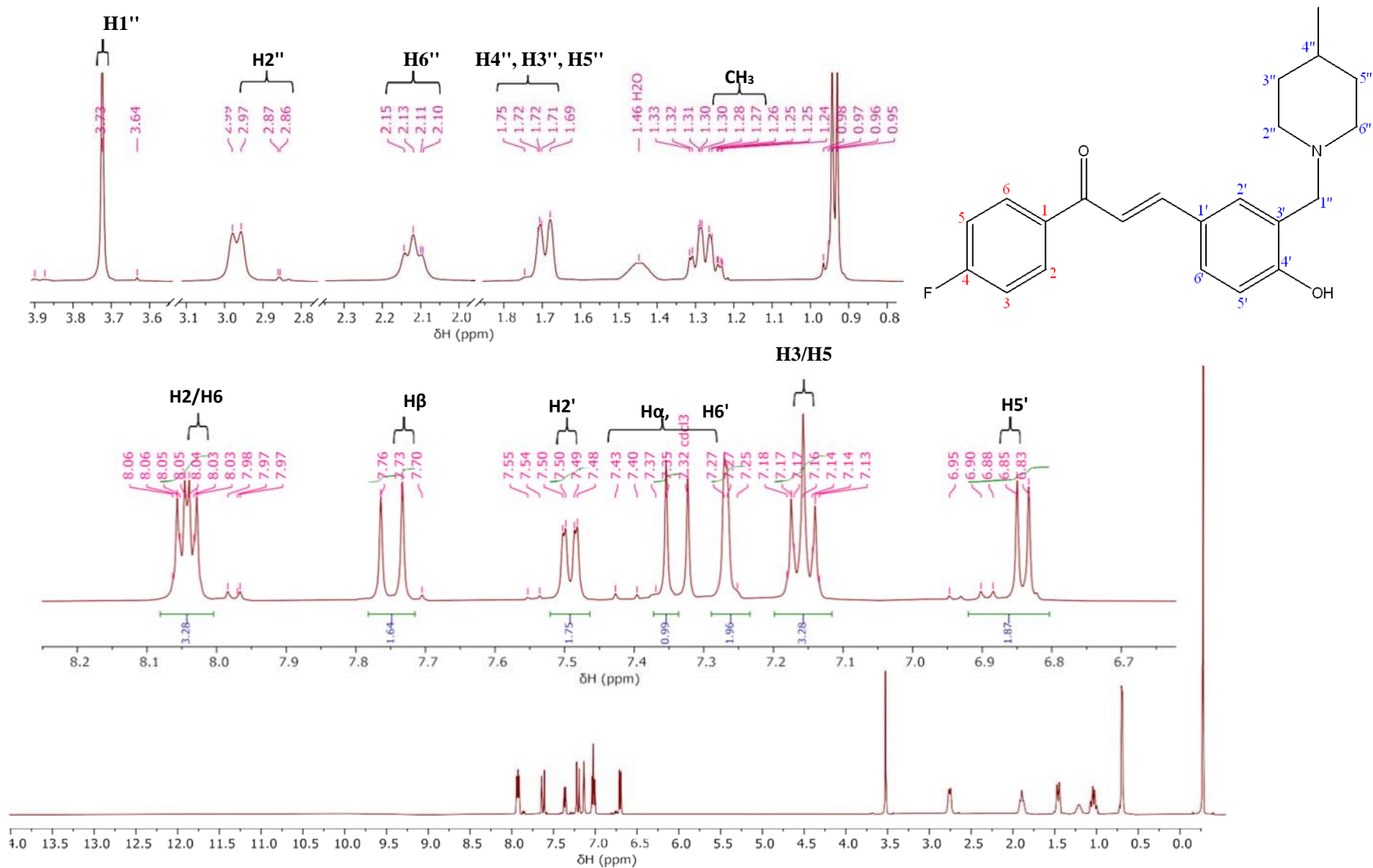


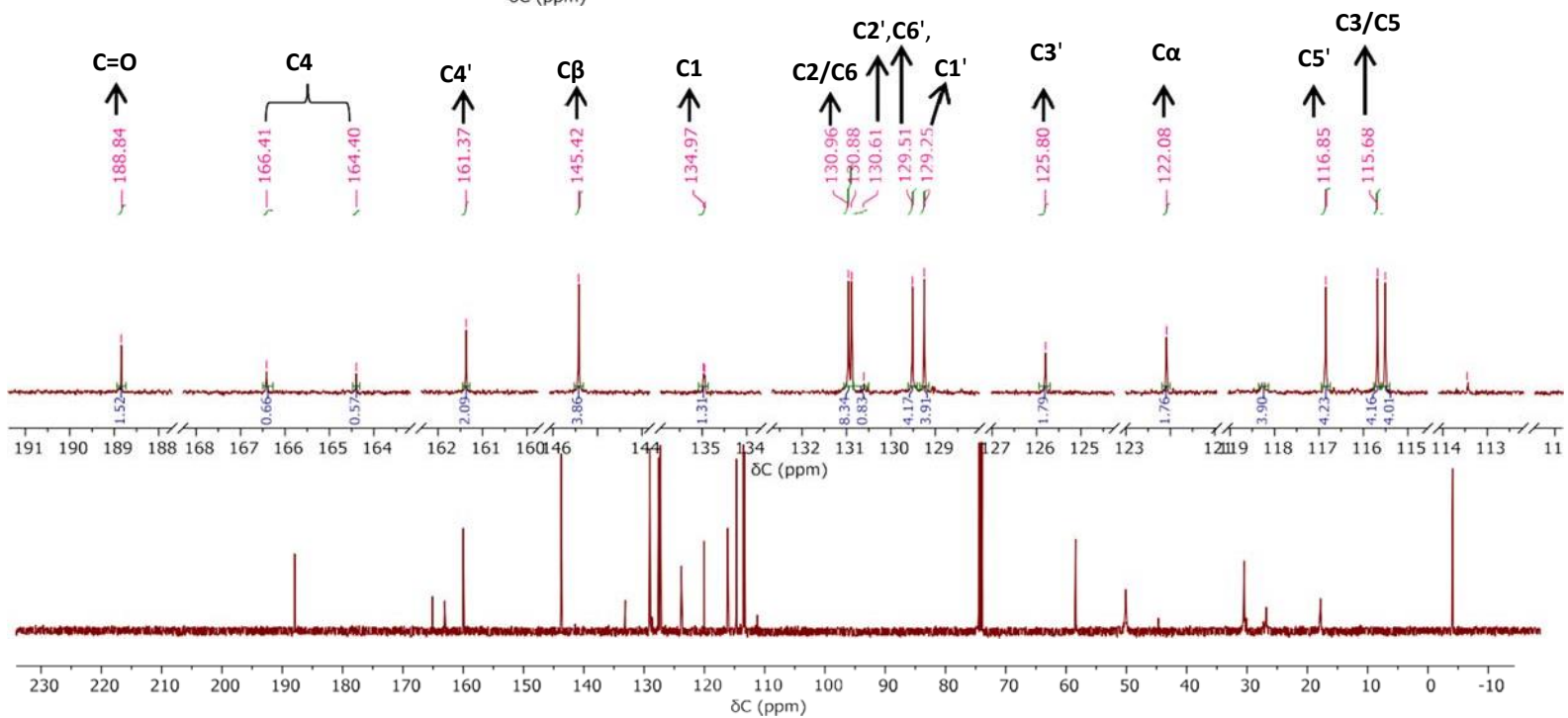
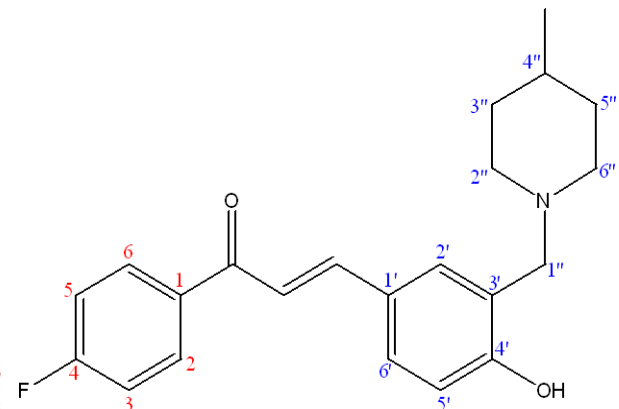
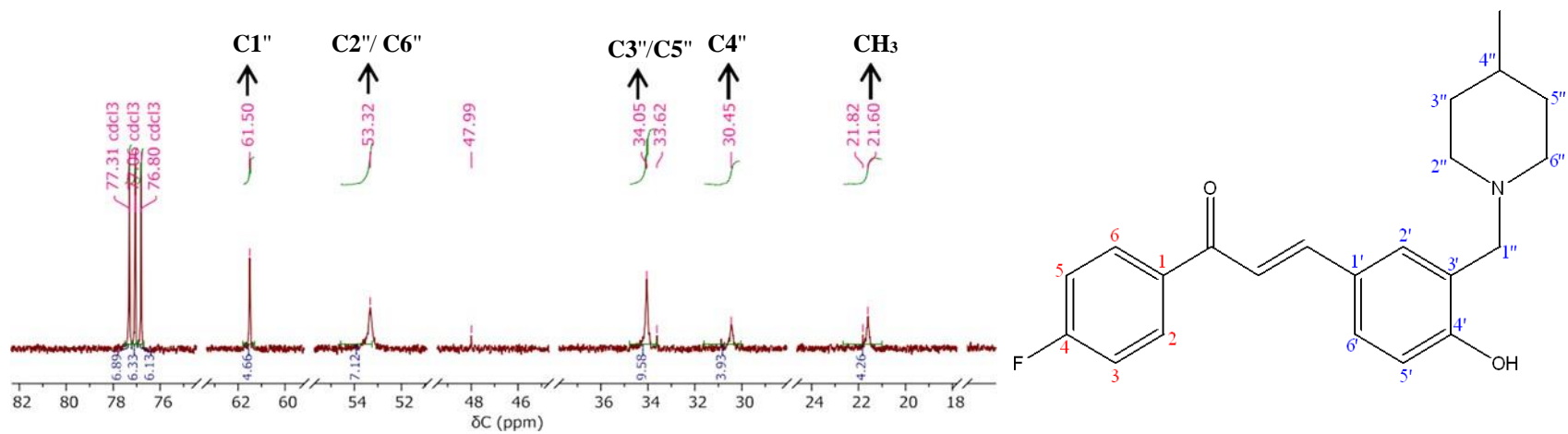
7. <sup>1</sup>HNMR and <sup>13</sup>CNMR of compound (*E*)-1-(4-fluorophenyl)-3-(4-hydroxy-3-(piperidin-1-ylmethyl)phenyl)prop-2-en-1-one (**2c**)





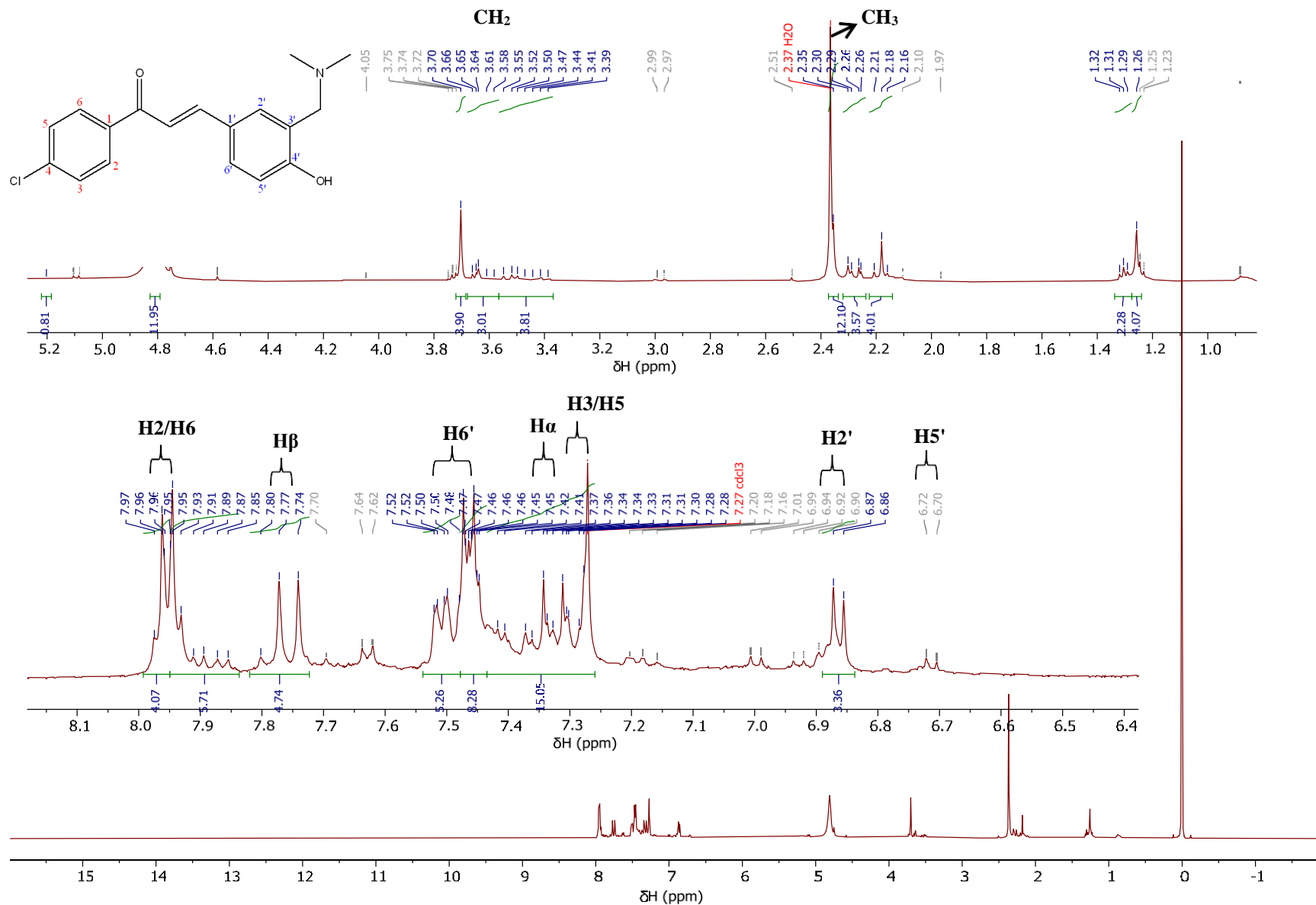
8.  $^1\text{H}$ NMR and  $^{13}\text{C}$ NMR of compound (*E*)-1-(4-fluorophenyl)-3-(4-hydroxy-3-(4-methylpiperidin-1-yl)methyl)phenylprop-2-en-1-one (**2d**)

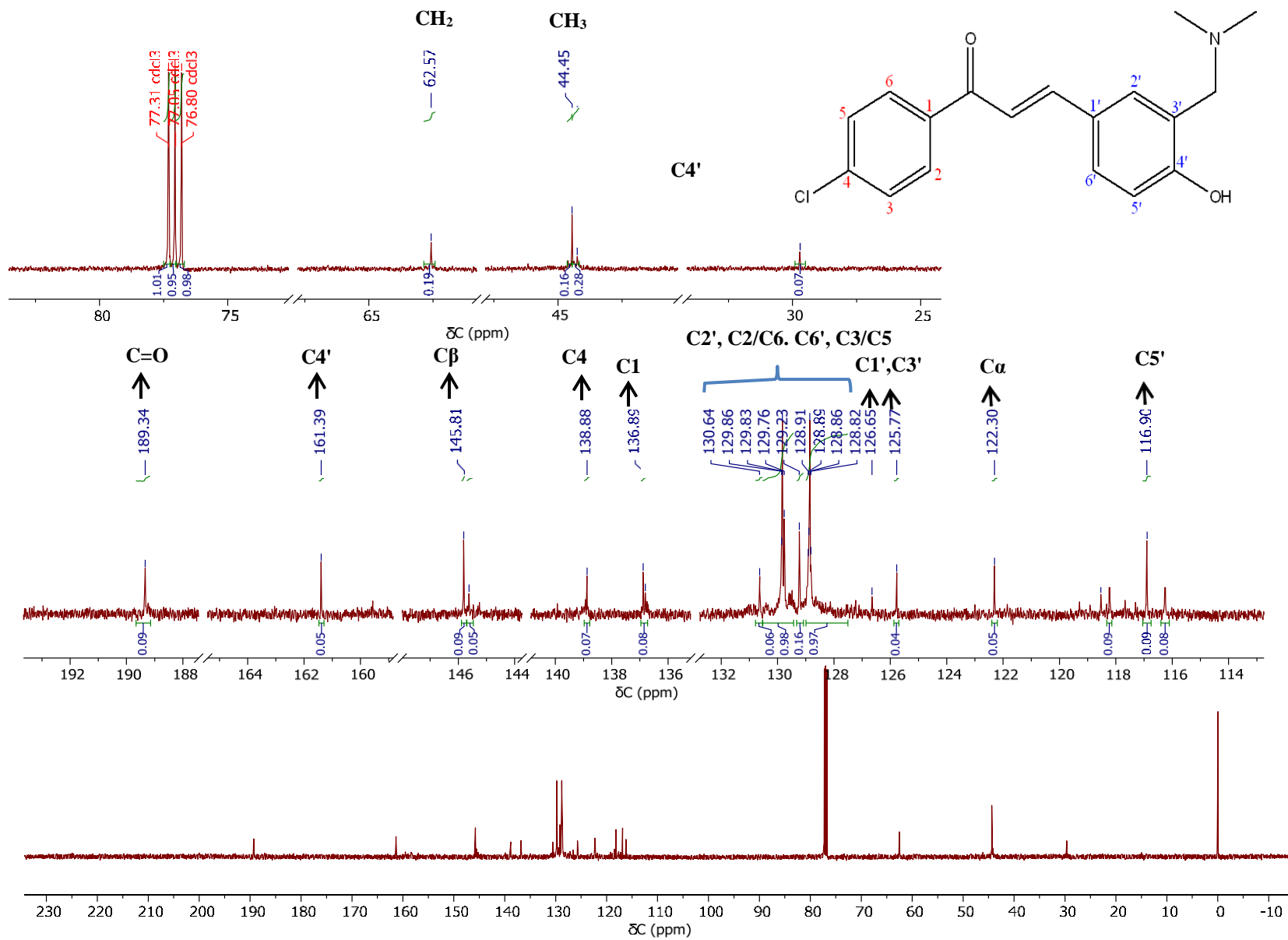




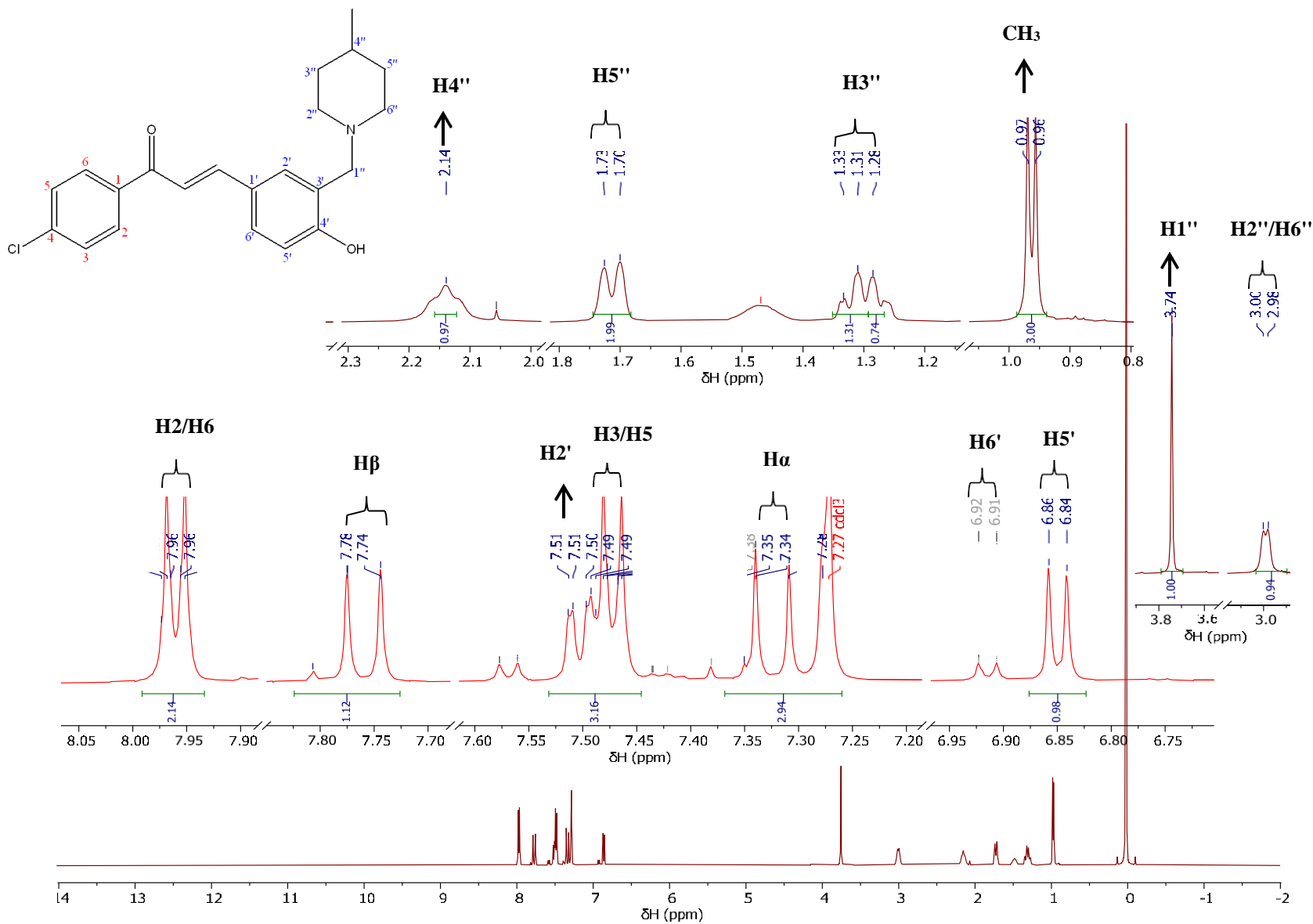


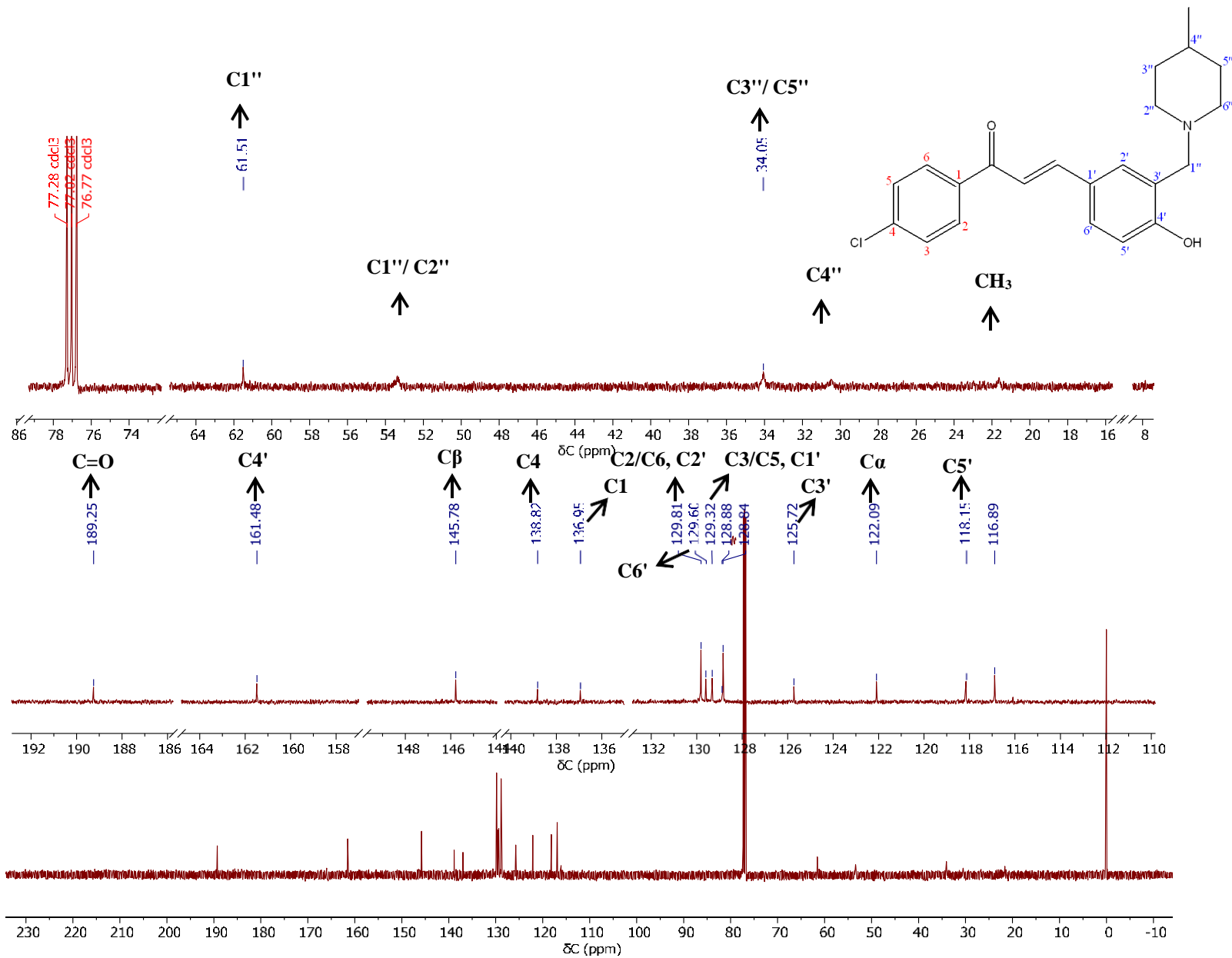
9.  $^1\text{H}$ NMR and  $^{13}\text{C}$ NMR (*E*)-1-(4-chlorophenyl)-3-(3-dimethylamino)-4-hydroxyphenylprop-2-en-1-one (**2e**)



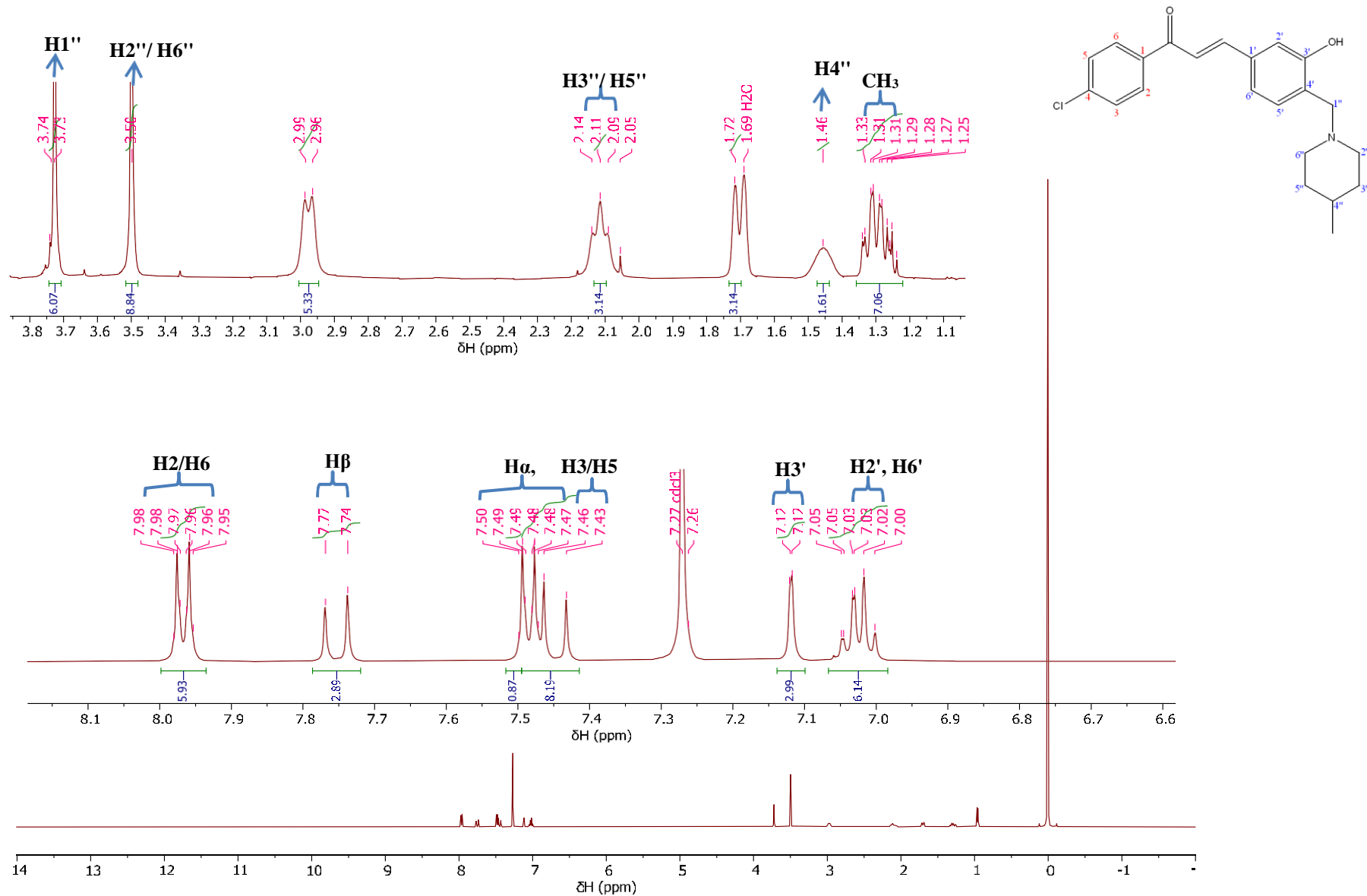


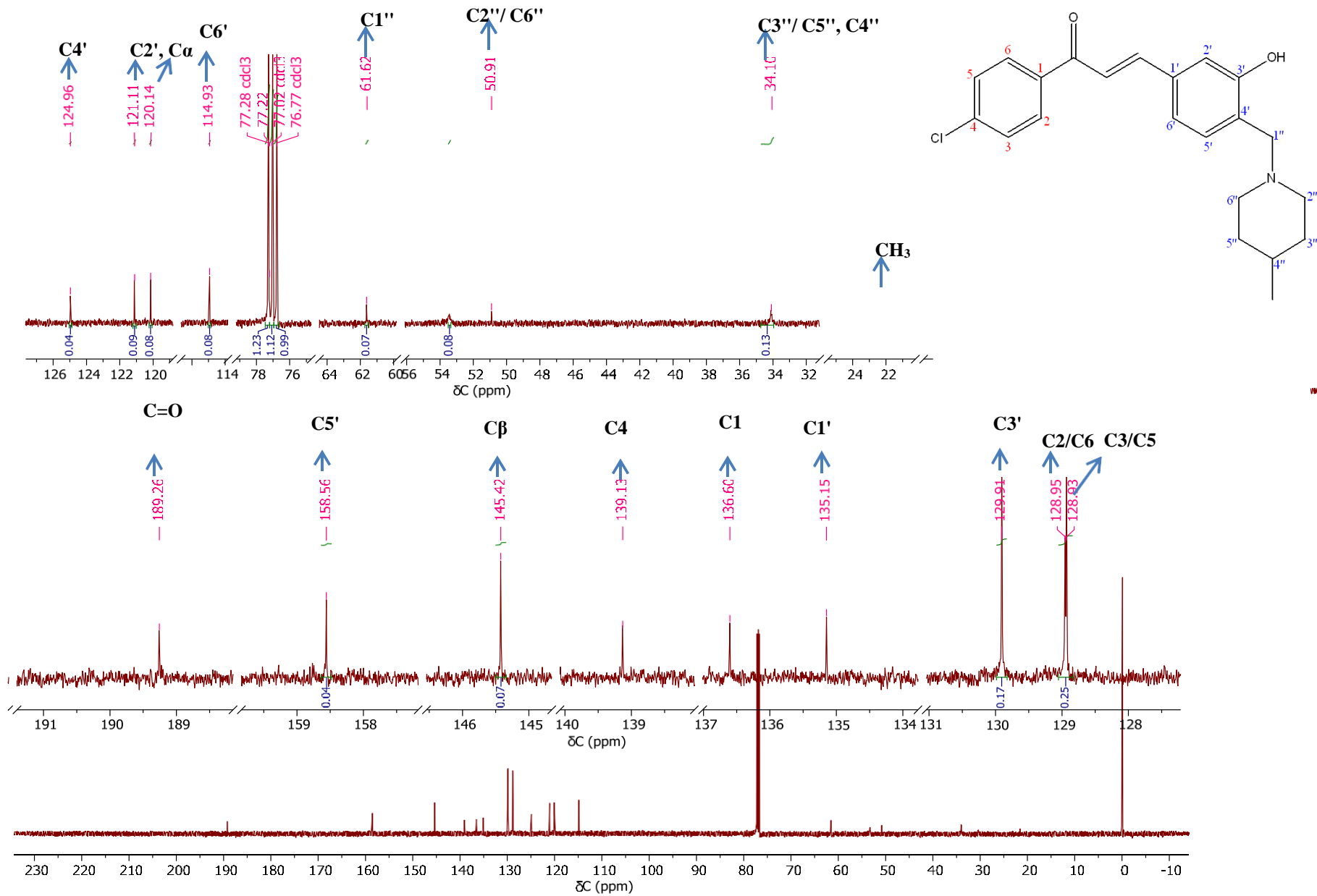
10.  $^1\text{H}$ NMR &  $^{13}\text{C}$ NMR of compound (*E*)-1-(4-chlorophenyl)-3-(4-hydroxy-3-(4-methylpiperidin-1-yl)methyl)phenyl)prop-2-en-1-one (**2f**)



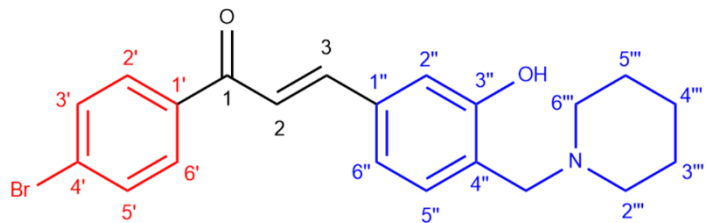
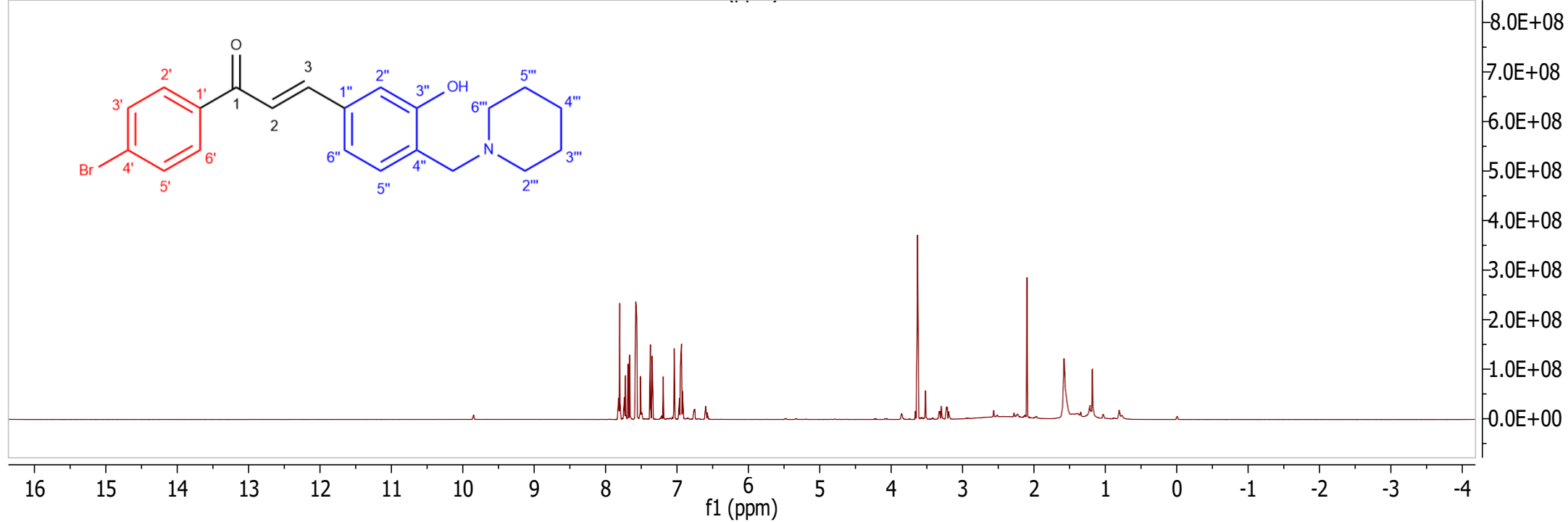
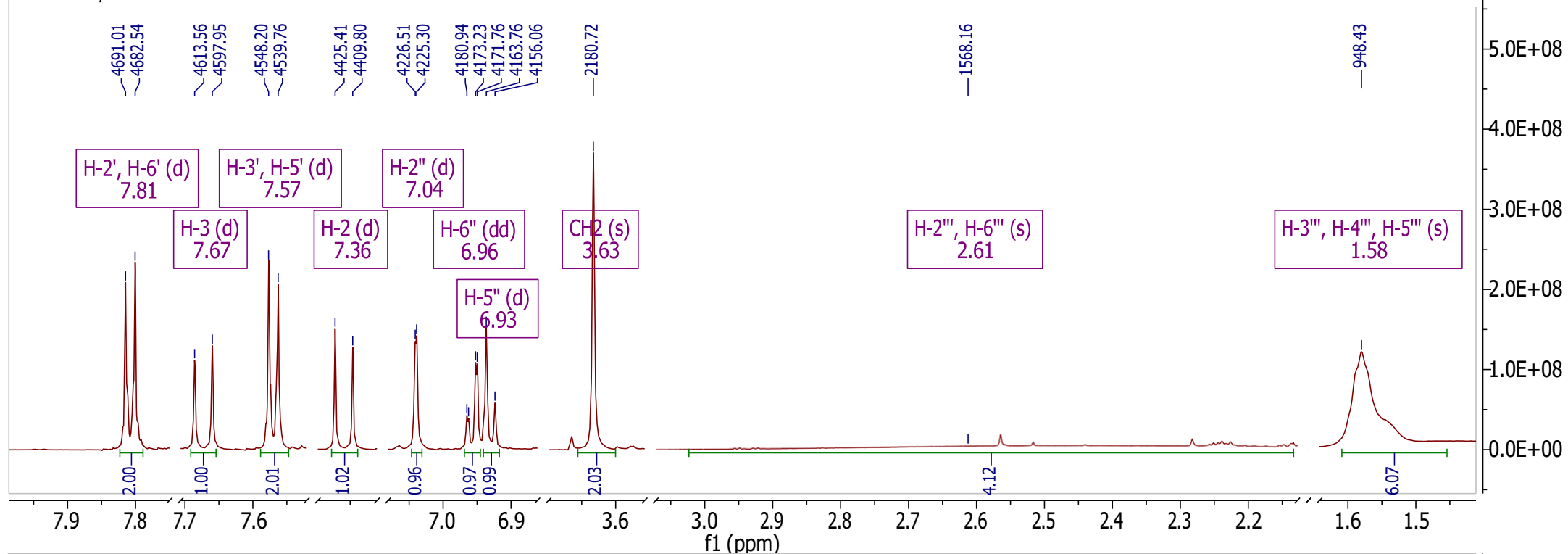


11.  $^1\text{H}$ NMR and  $^{13}\text{C}$ NMR (*E*)-1-(4-chlorophenyl)-3-(3-hydroxy-4-(4-methylpiperidin-1-yl)methyl)phenyl)prop-2-en-1-one (**2g**)





S13: CDCl<sub>3</sub>, <sup>1</sup>H and <sup>13</sup>C NMR Spectra of compound (*E*)-1-(4-bromophenyl)-3-(3-hydroxy-4-(piperidin-1-ylmethyl)phenyl)prop-2-en-1-one (**2h**)



S13: CDC13, 13C

