

Figure S2. <sup>1</sup>H-NMR of (*E*)-3-(4-chlorophenyl)-1-(2-fluoro-4-methoxyphenyl)-2-propen-1-one (close up spectrum).

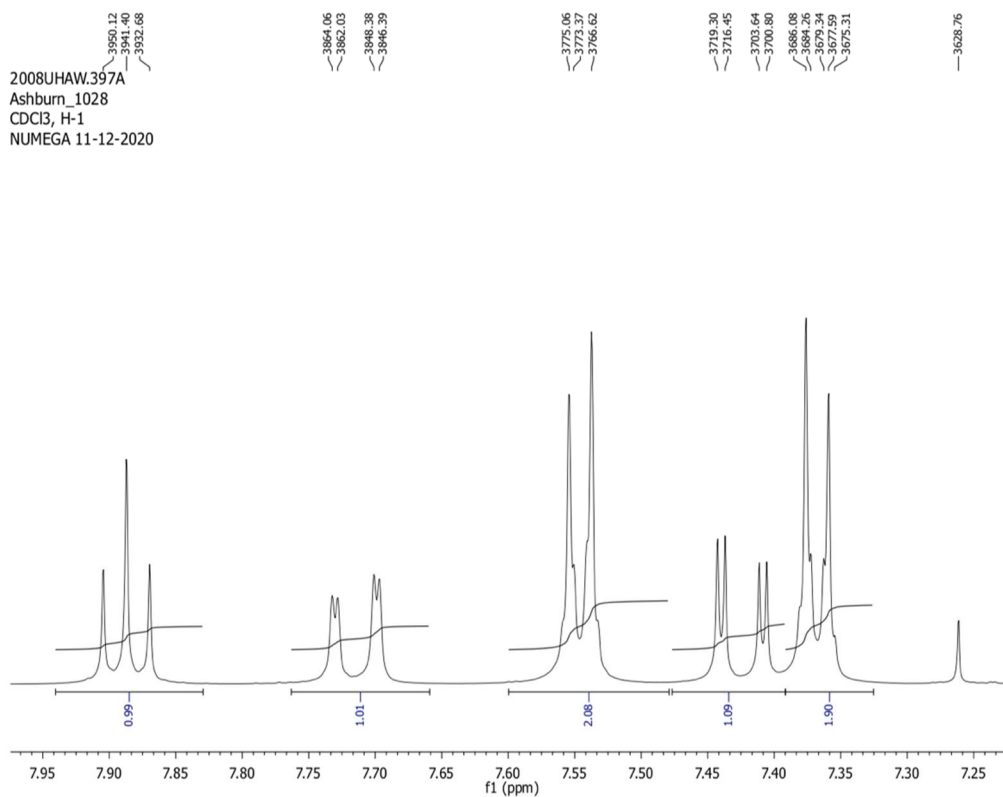


Figure S3. <sup>1</sup>H-NMR of (*E*)-3-(4-chlorophenyl)-1-(2-fluoro-4-methoxyphenyl)-2-propen-1-one (close up spectrum shown in Hz).

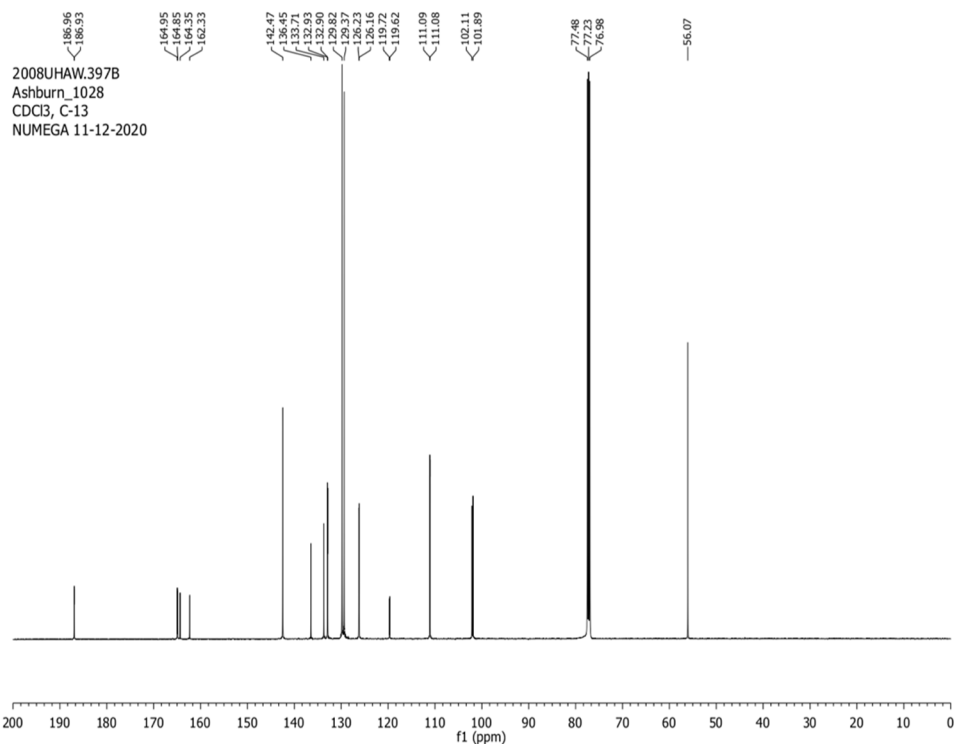


Figure S4. <sup>13</sup>C-NMR of (*E*)-3-(4-chlorophenyl)-1-(2-fluoro-4-methoxyphenyl)-2-propen-1-one (whole spectrum).

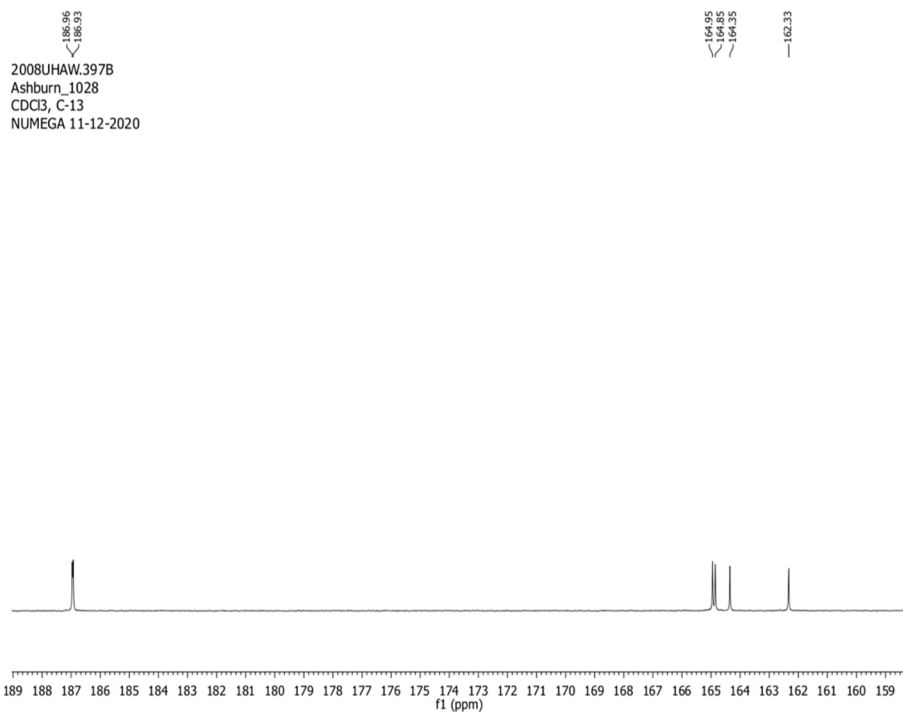


Figure S5. <sup>13</sup>C-NMR of (*E*)-3-(4-chlorophenyl)-1-(2-fluoro-4-methoxyphenyl)-2-propen-1-one (close up spectrum).

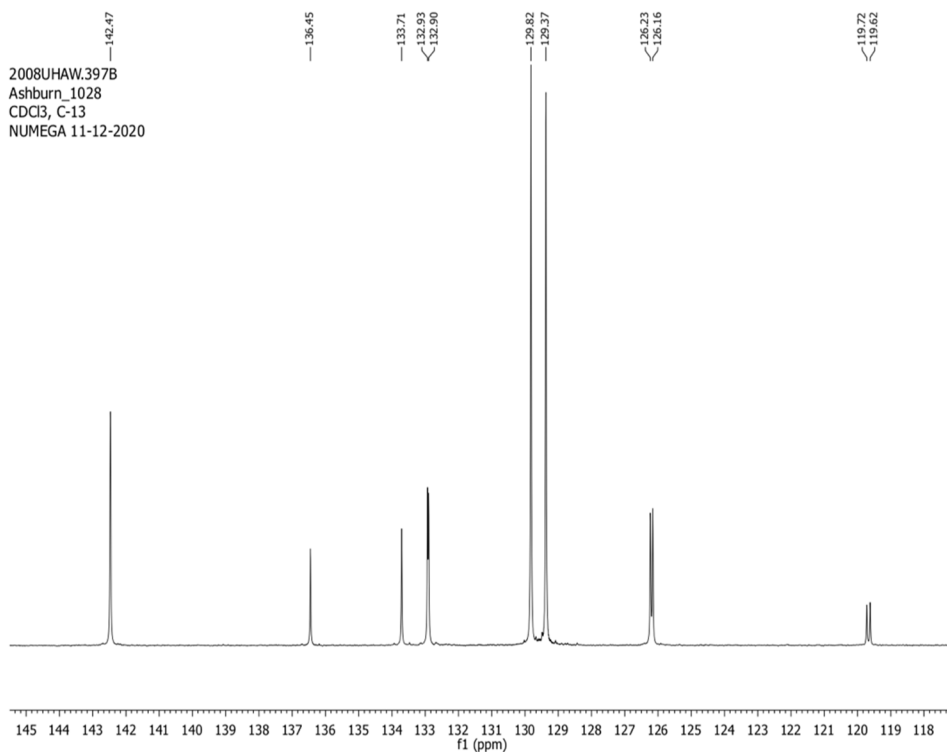


Figure S6. <sup>13</sup>C-NMR of (*E*)-3-(4-chlorophenyl)-1-(2-fluoro-4-methoxyphenyl)-2-propen-1-one (close up spectrum).

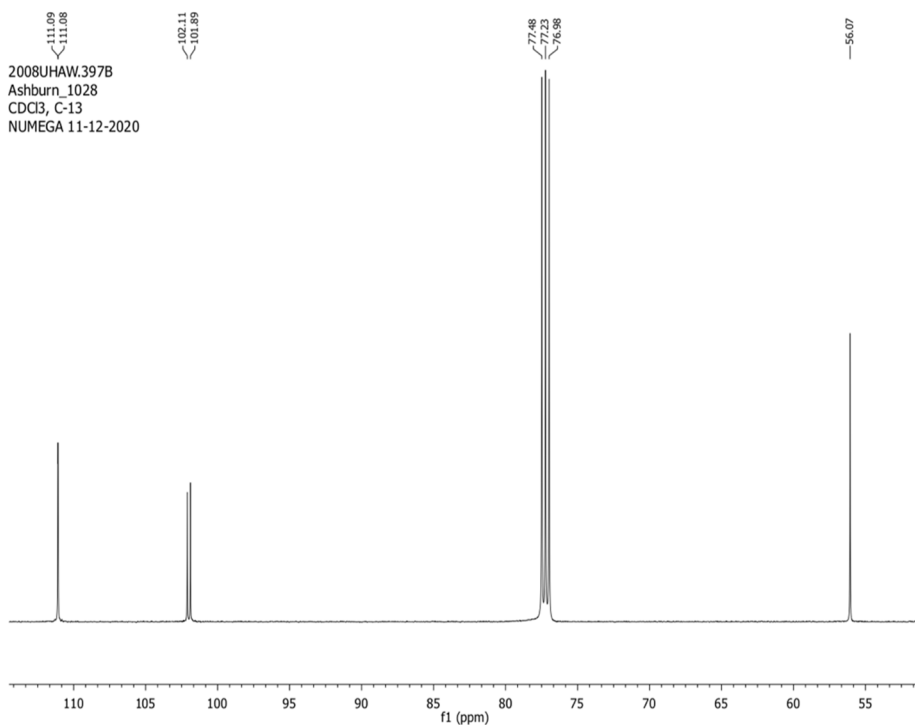


Figure S7. <sup>13</sup>C-NMR of (*E*)-3-(4-chlorophenyl)-1-(2-fluoro-4-methoxyphenyl)-2-propen-1-one (close up spectrum).

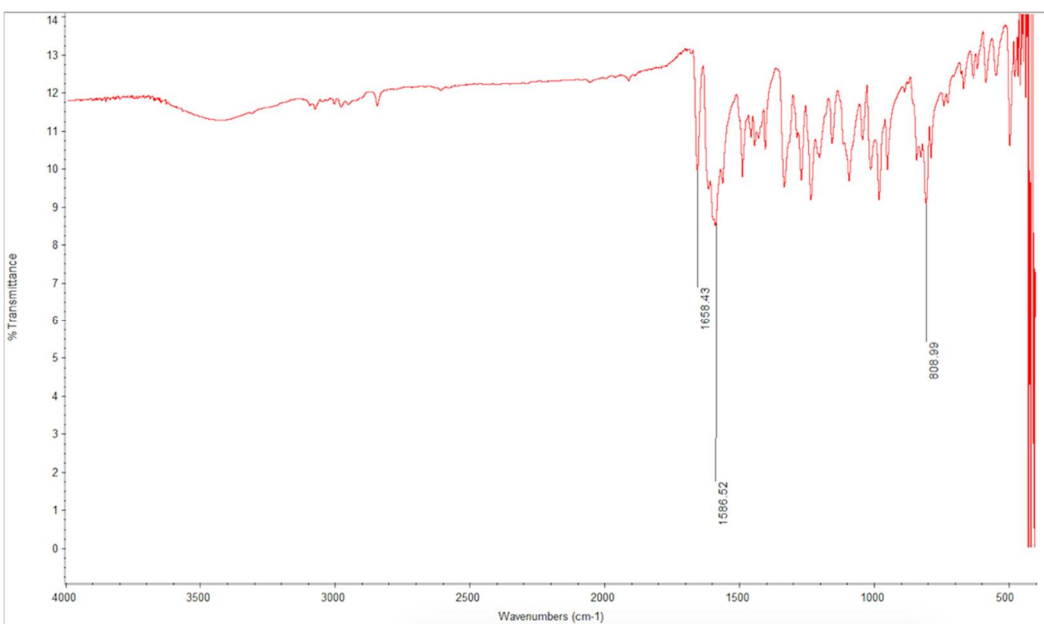


Figure S8. FTIR of (*E*)-3-(4-chlorophenyl)-1-(2-fluoro-4-methoxyphenyl)-2-propen-1-one.

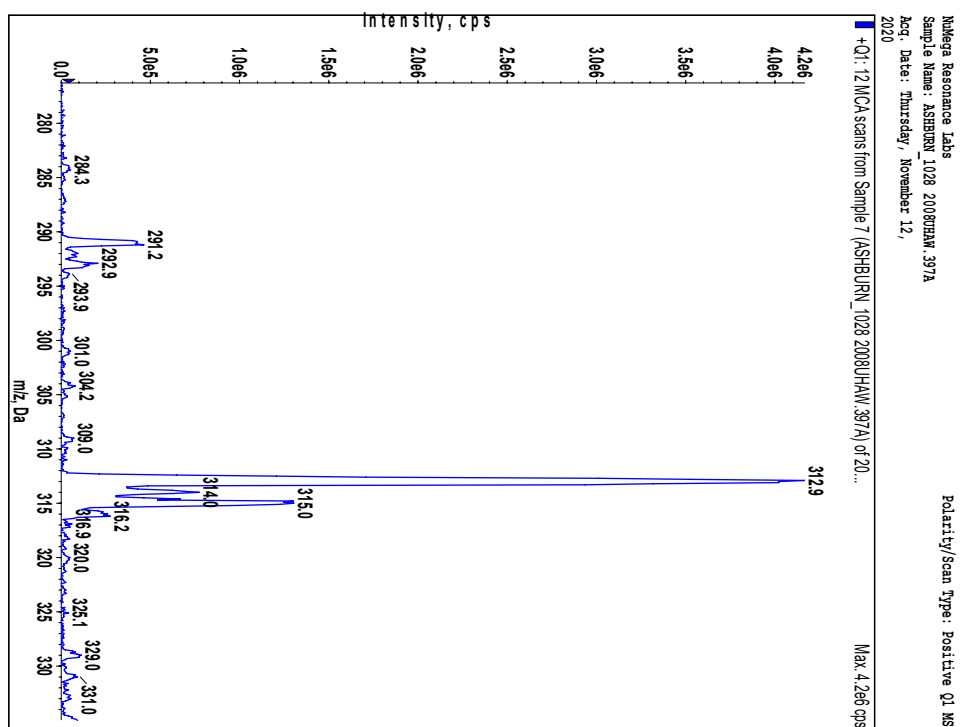


Figure S9. ESI-MS of (*E*)-3-(4-chlorophenyl)-1-(2-fluoro-4-methoxyphenyl)-2-propen-1-one.