

Supplementary Materials

(E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one

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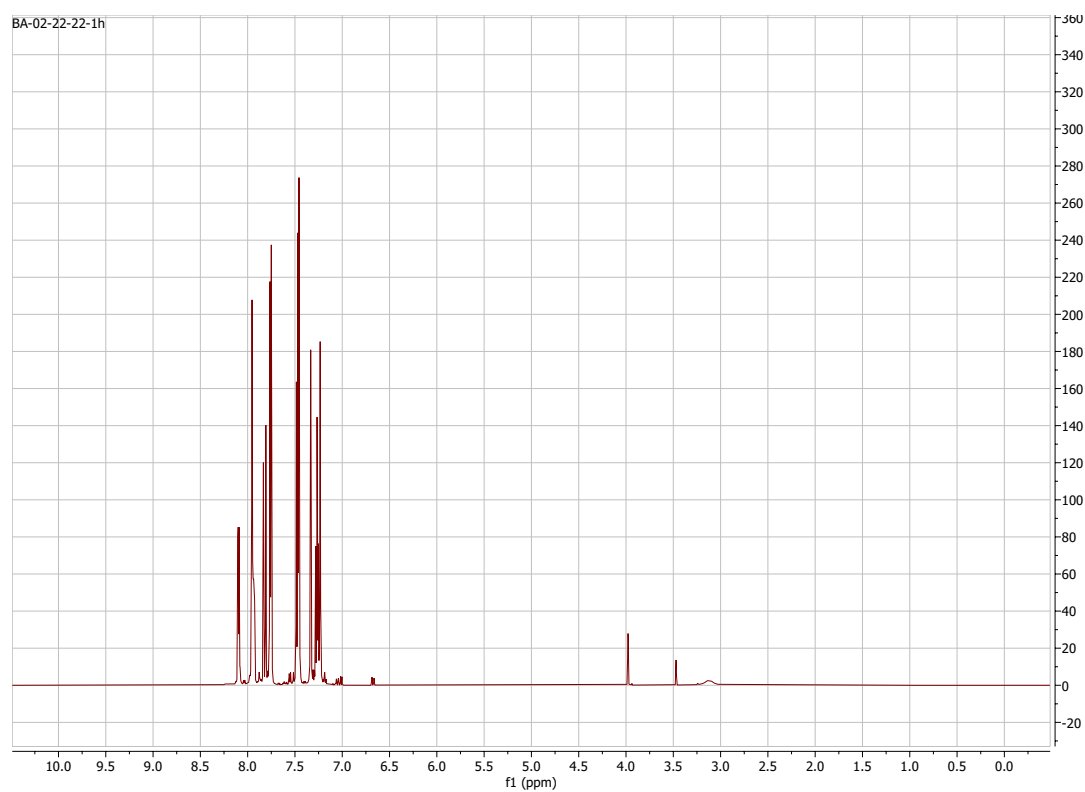


Figure S1. ¹H-NMR of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one (whole spectrum).

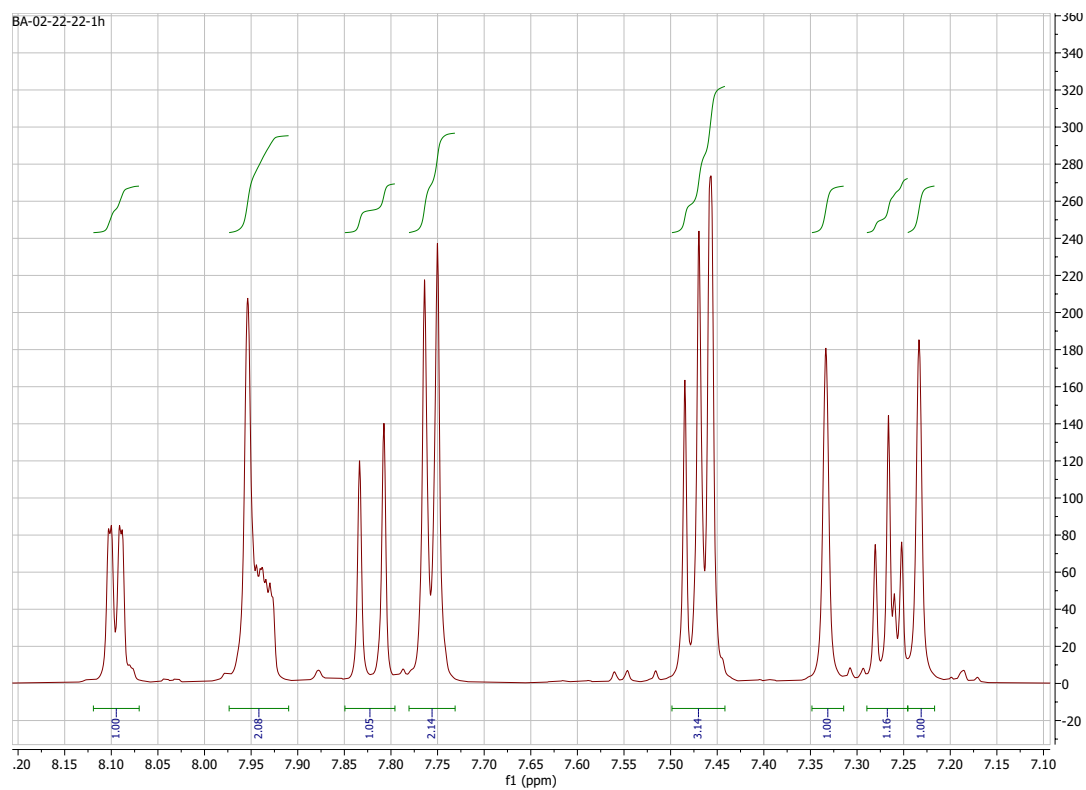


Figure S2. ^1H -NMR of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one (close up spectrum).

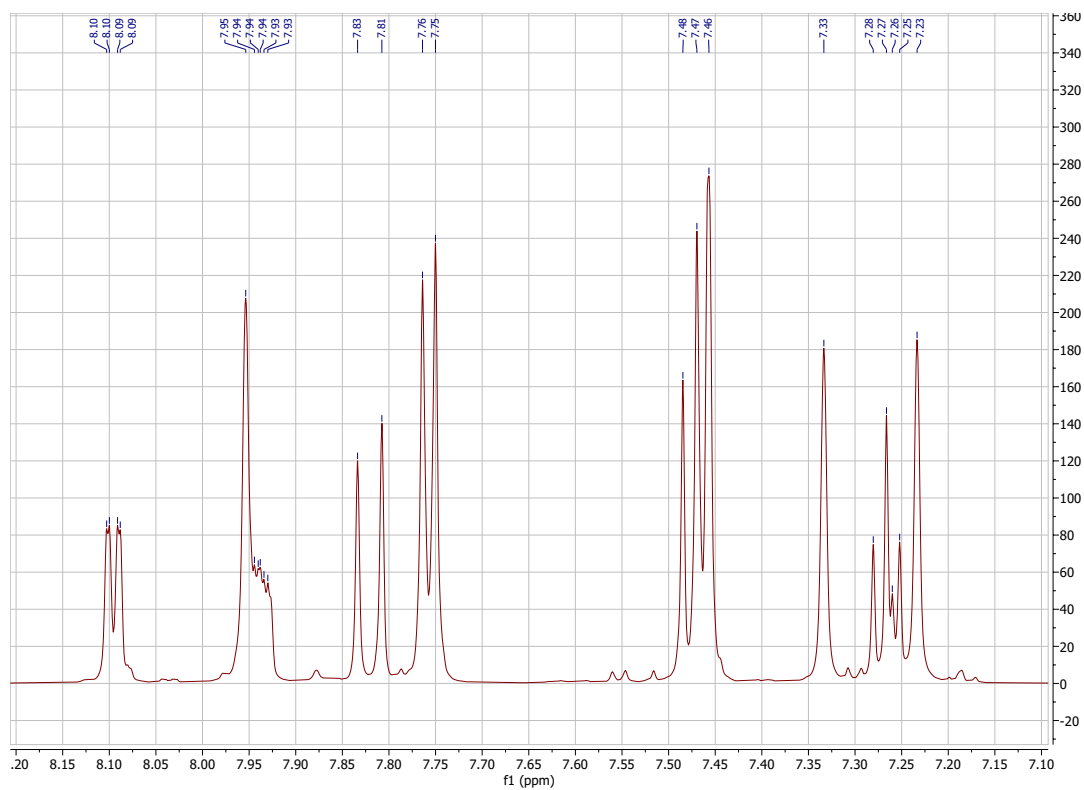


Figure S3. ^1H -NMR of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one (close up spectrum shown in ppm).

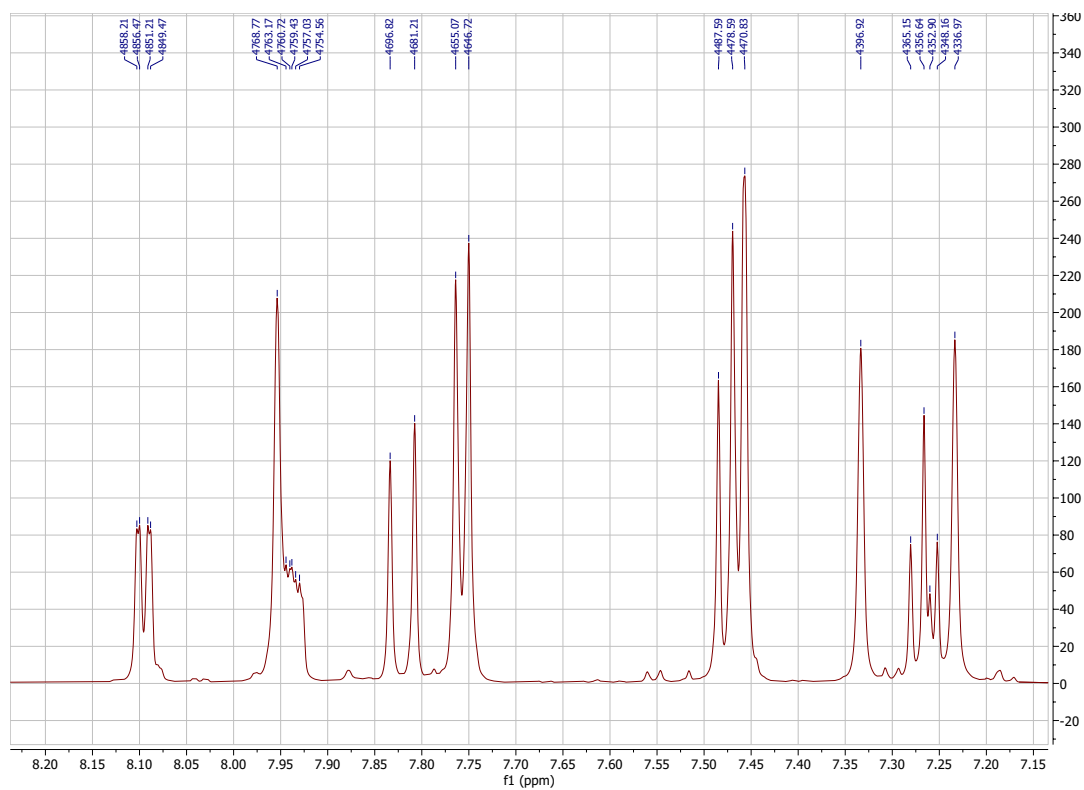


Figure S4. ^1H -NMR of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one (close up spectrum shown in Hz).

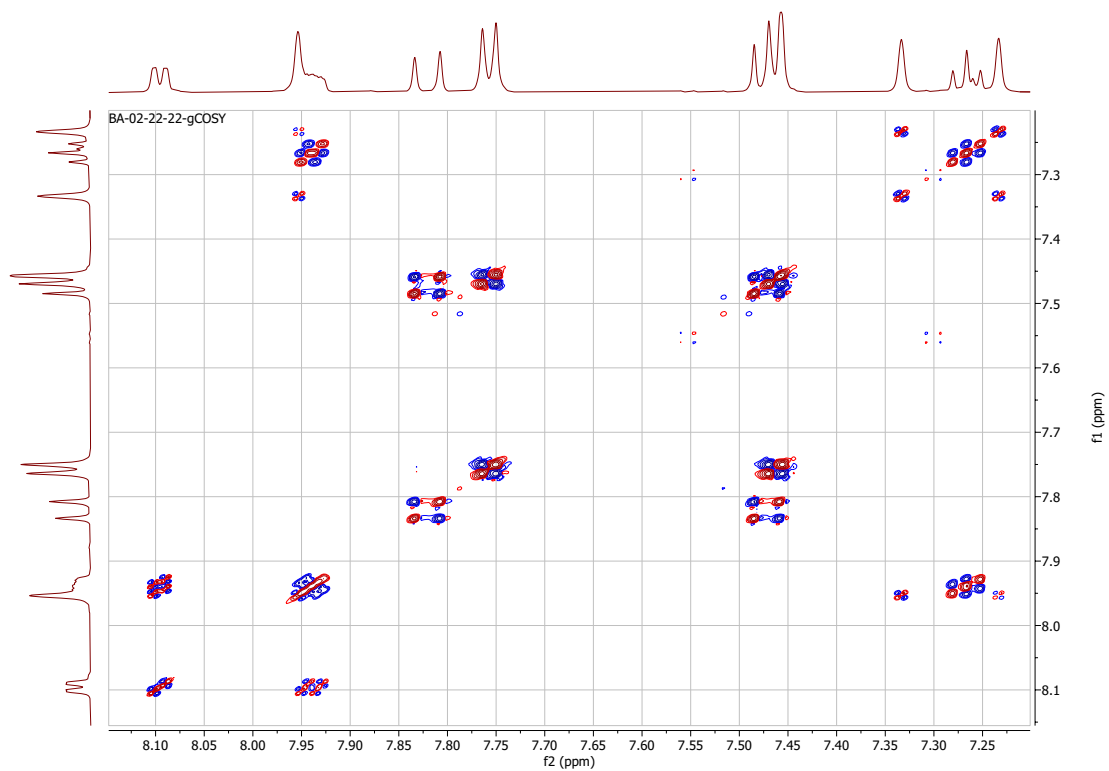


Figure S5. COSY of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one (whole spectrum).

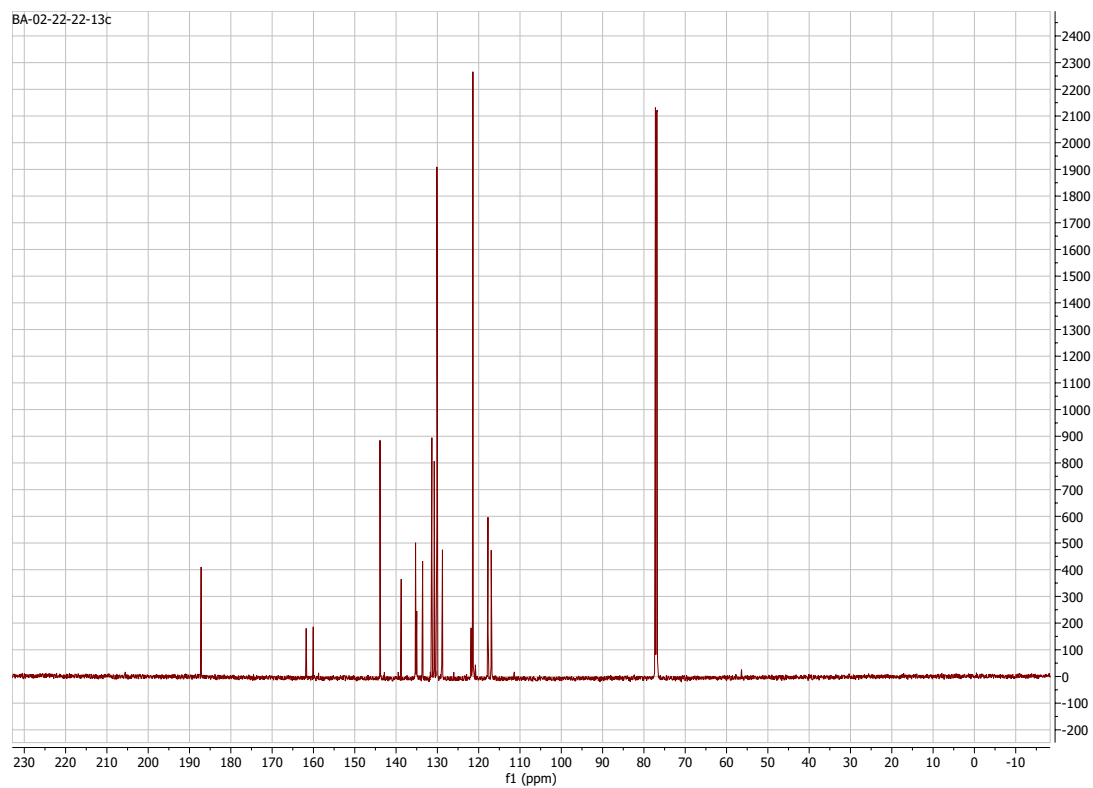


Figure S6. ^{13}C -NMR of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one (whole spectrum).

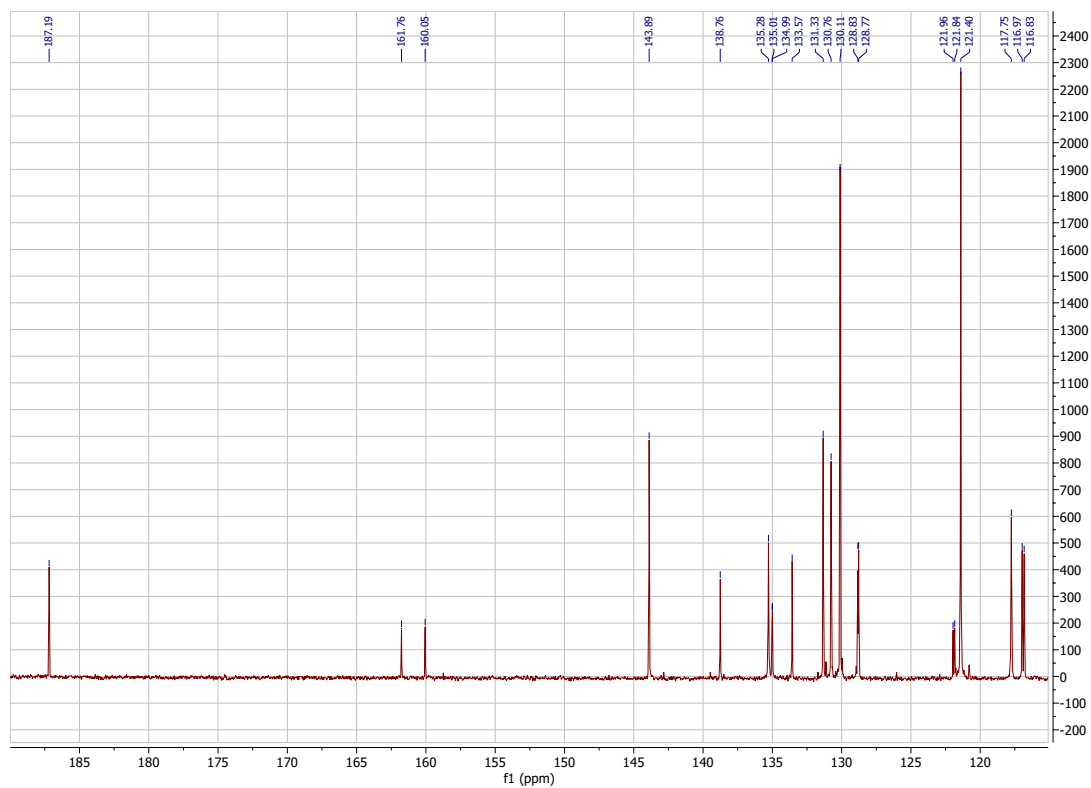


Figure S7. ^{13}C -NMR of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one (close up spectrum).

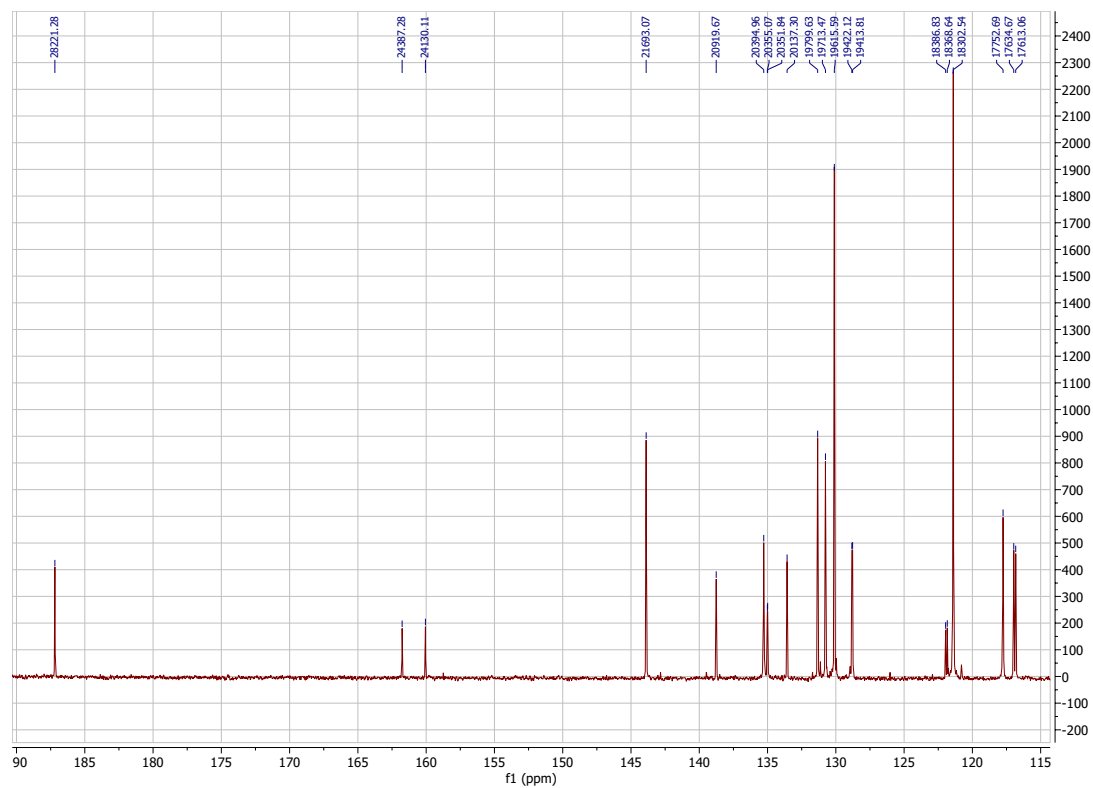


Figure S8. ^{13}C -NMR of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one (close up spectrum in Hz).

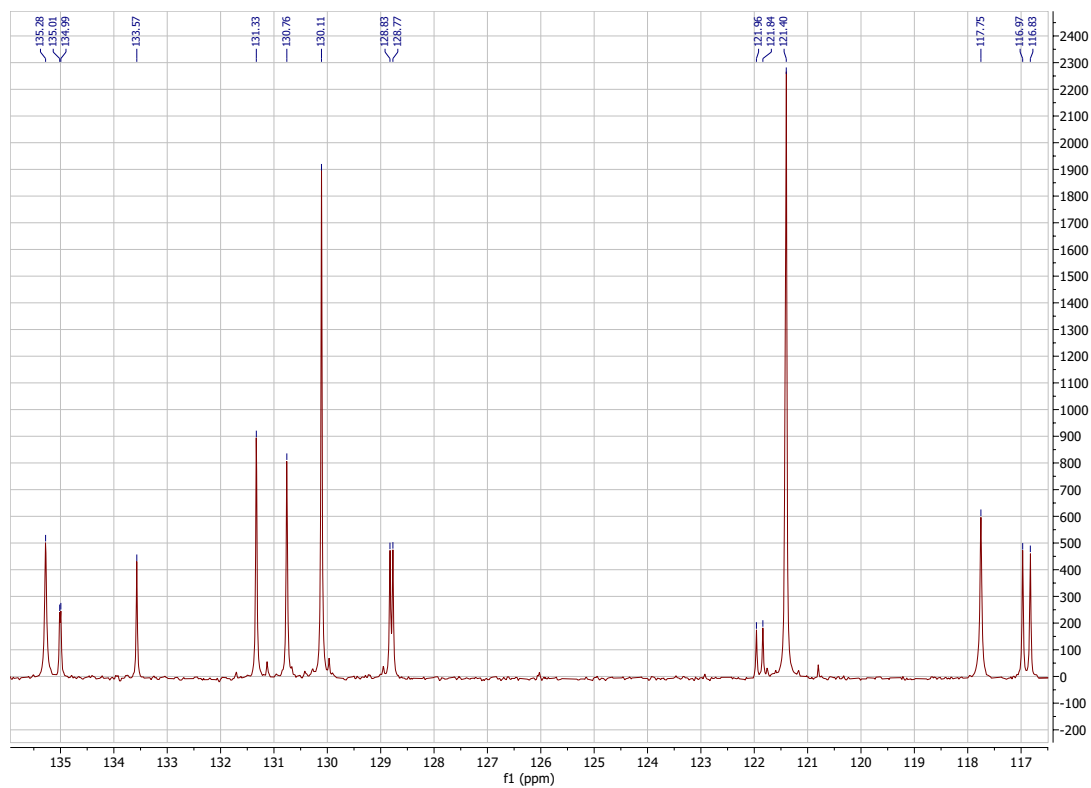


Figure S9. ^{13}C -NMR of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one (close up spectrum).

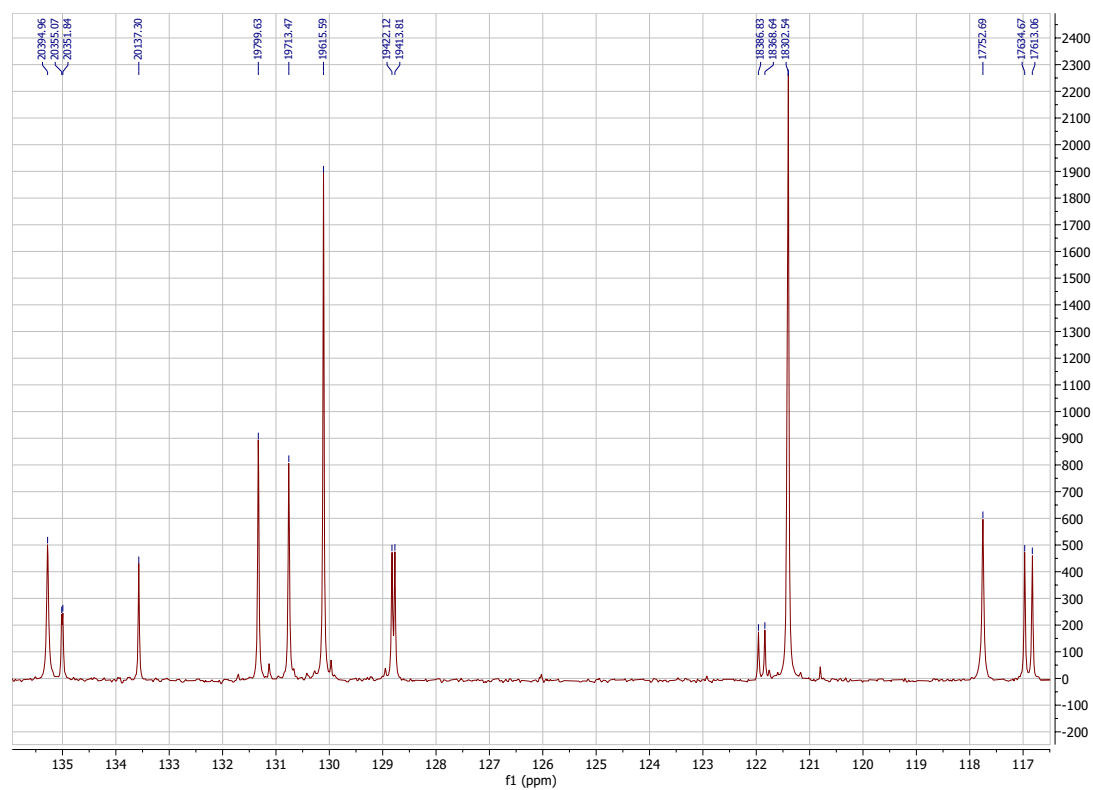


Figure S10. ^{13}C -NMR of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one (close up spectrum in Hz).

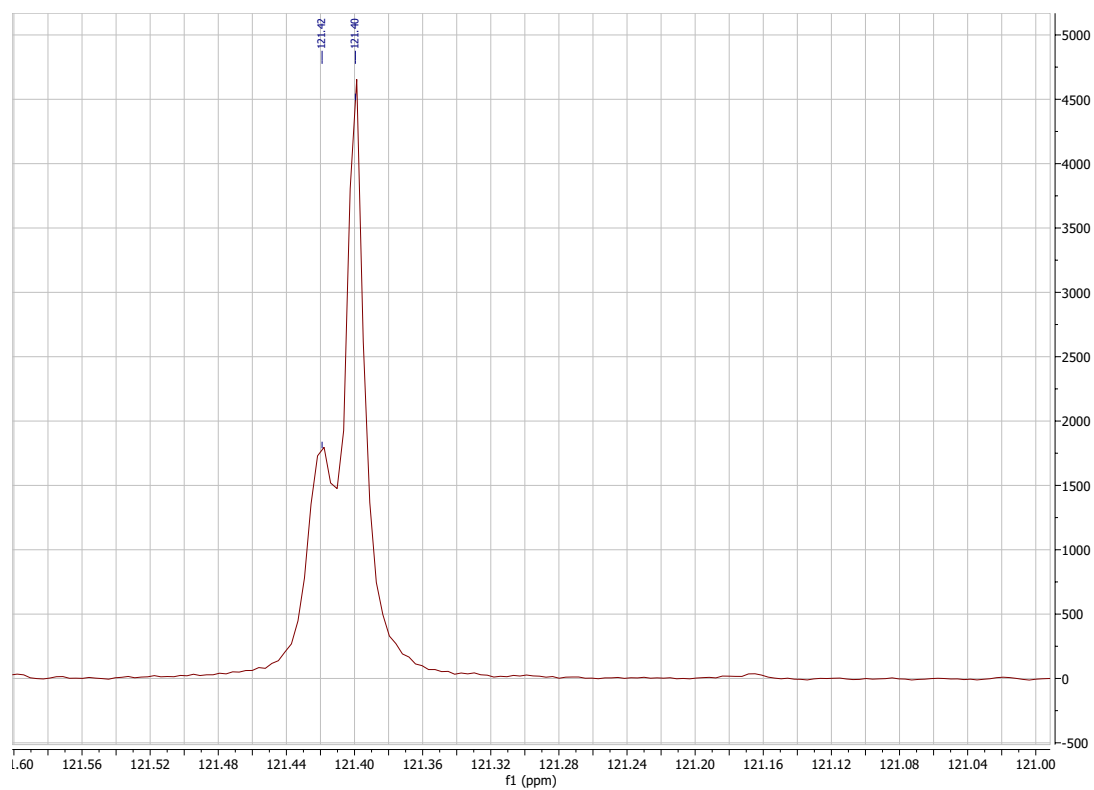


Figure S11. ^{13}C -NMR of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one (close up spectrum).

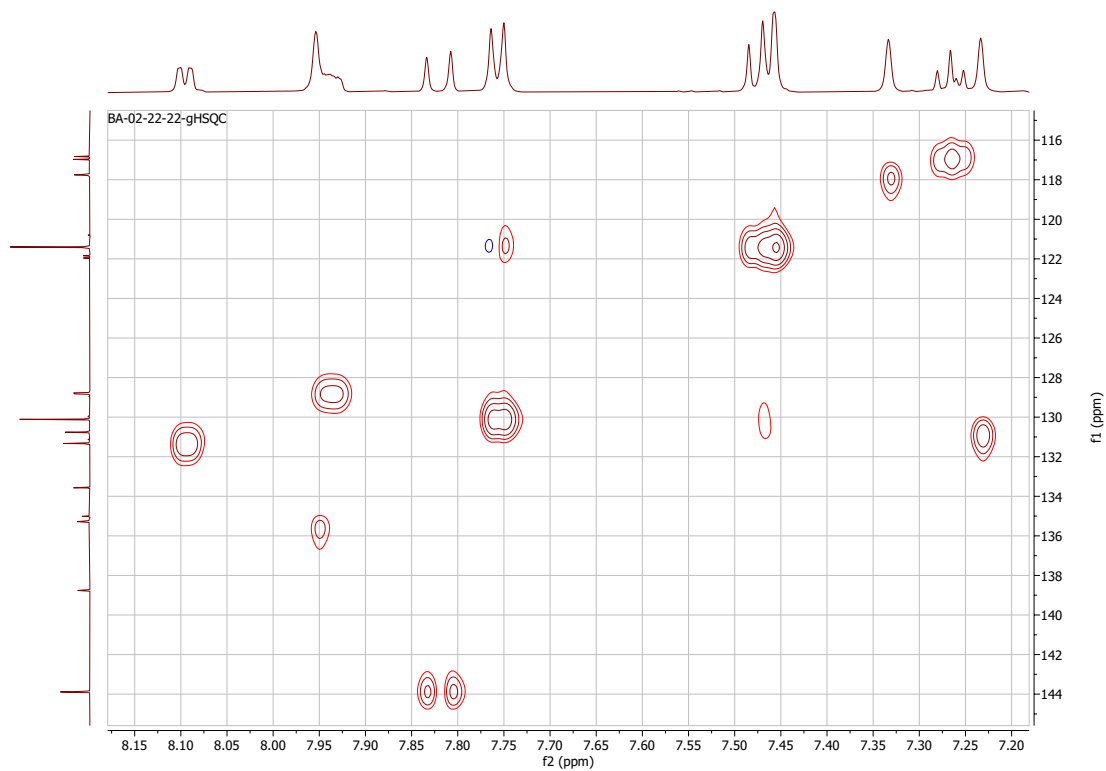


Figure S12. HSQC of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one (whole spectrum).

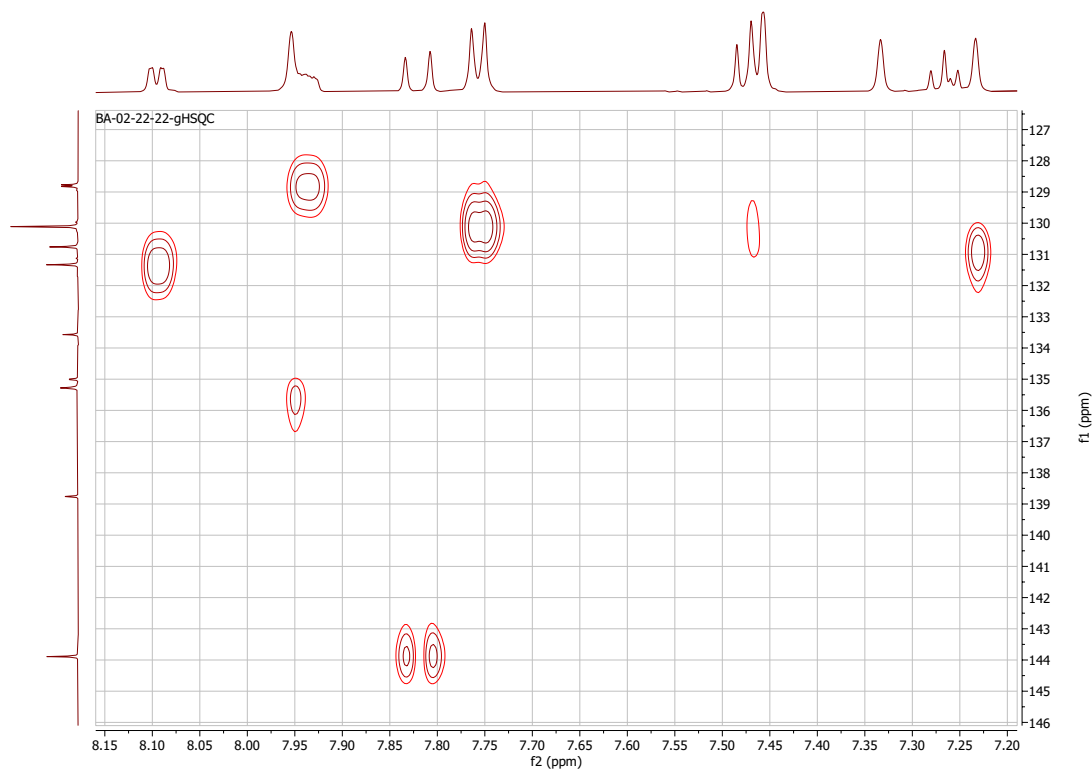


Figure S13. HSQC of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one (close up spectrum).

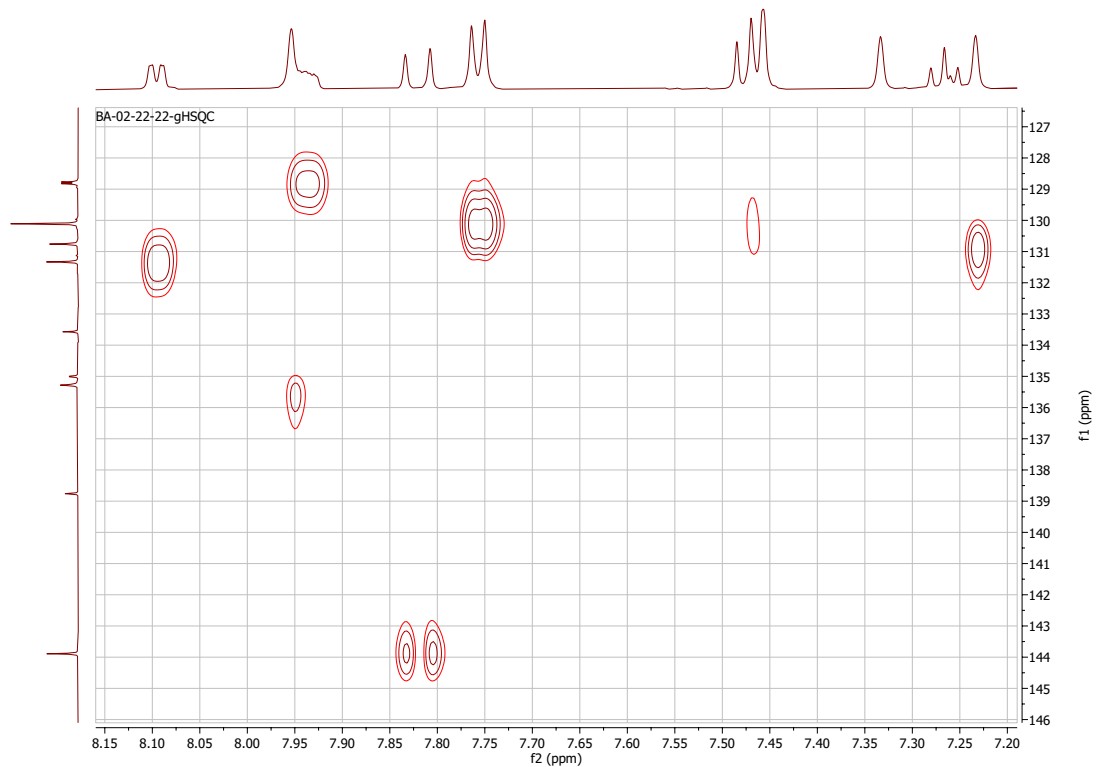


Figure S14. HSQC of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one (close up spectrum).

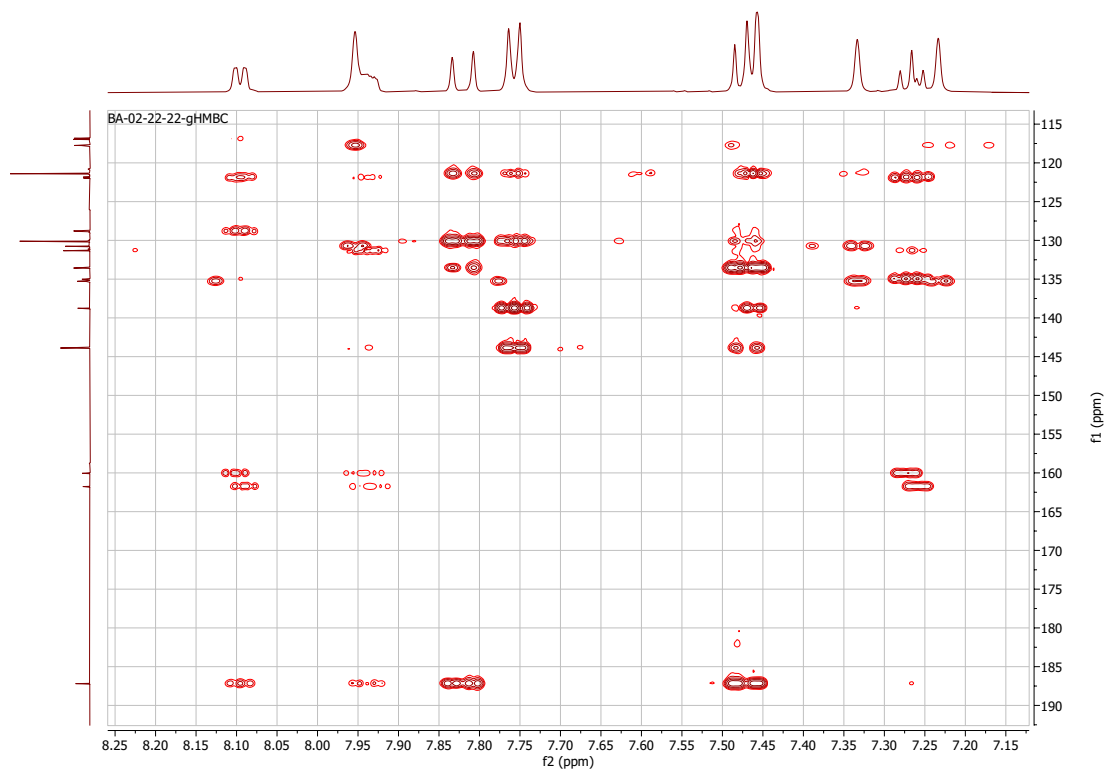


Figure S15. HMBC of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one (whole spectrum).

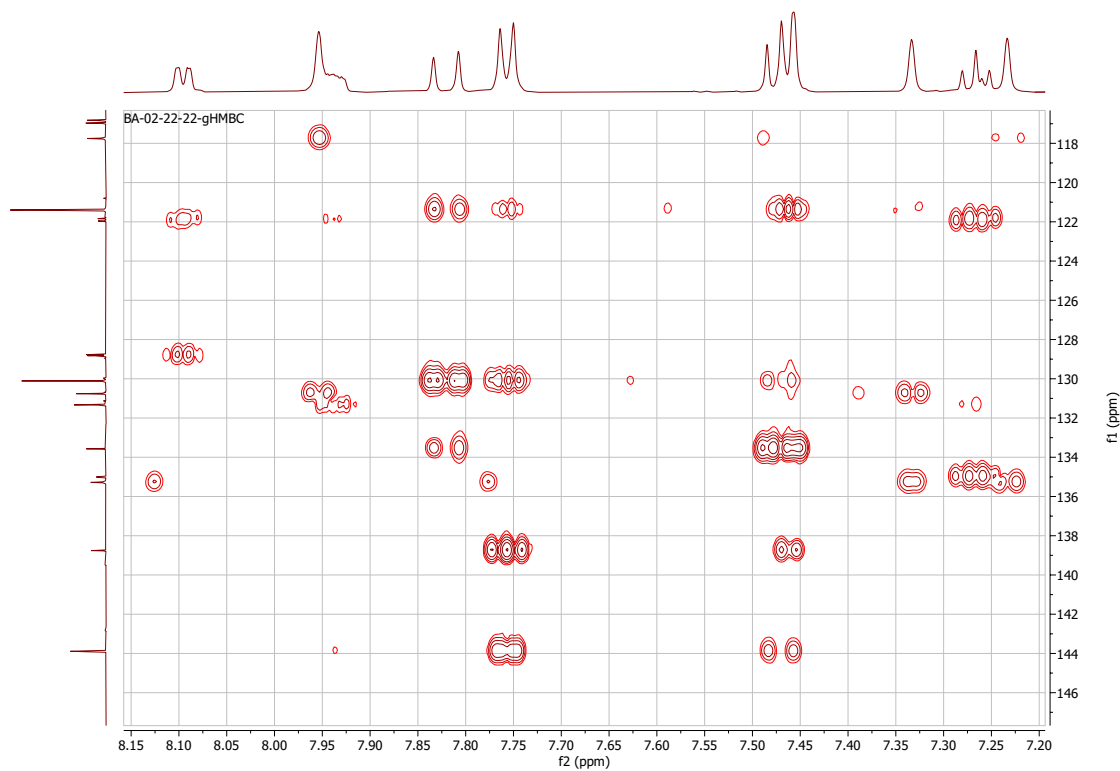


Figure S16. HMBC of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one (close up spectrum).

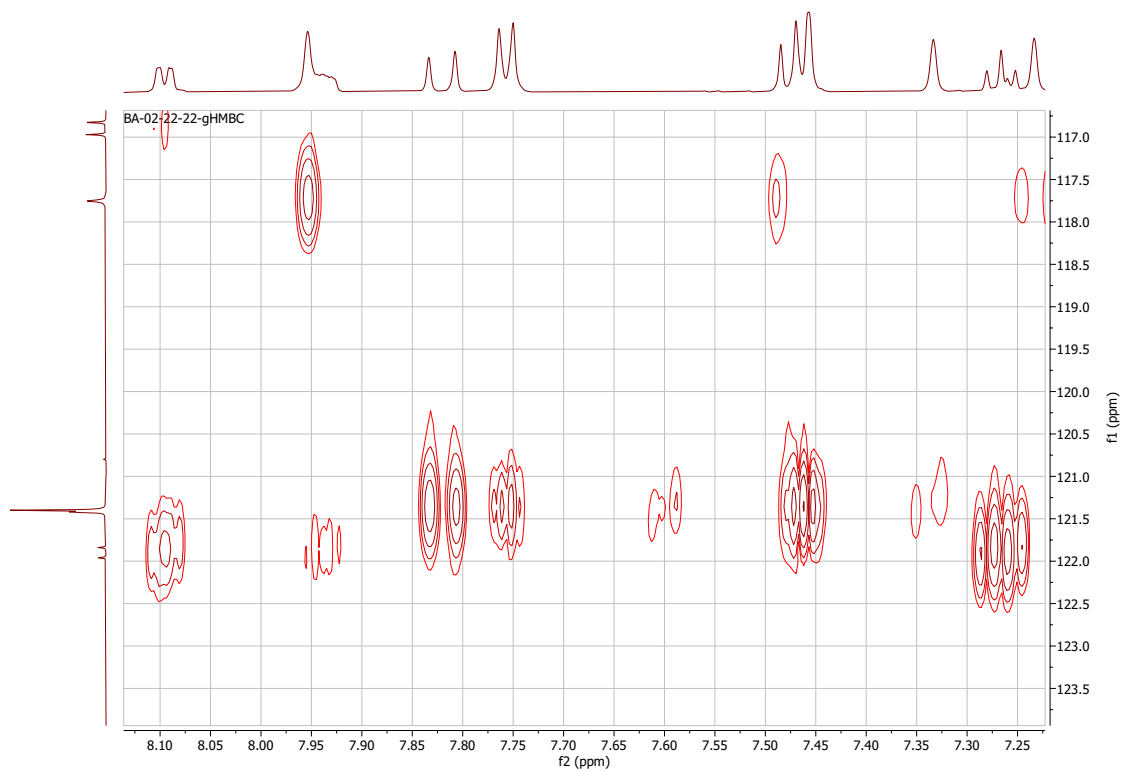


Figure S17. HMBC of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one (close up spectrum).

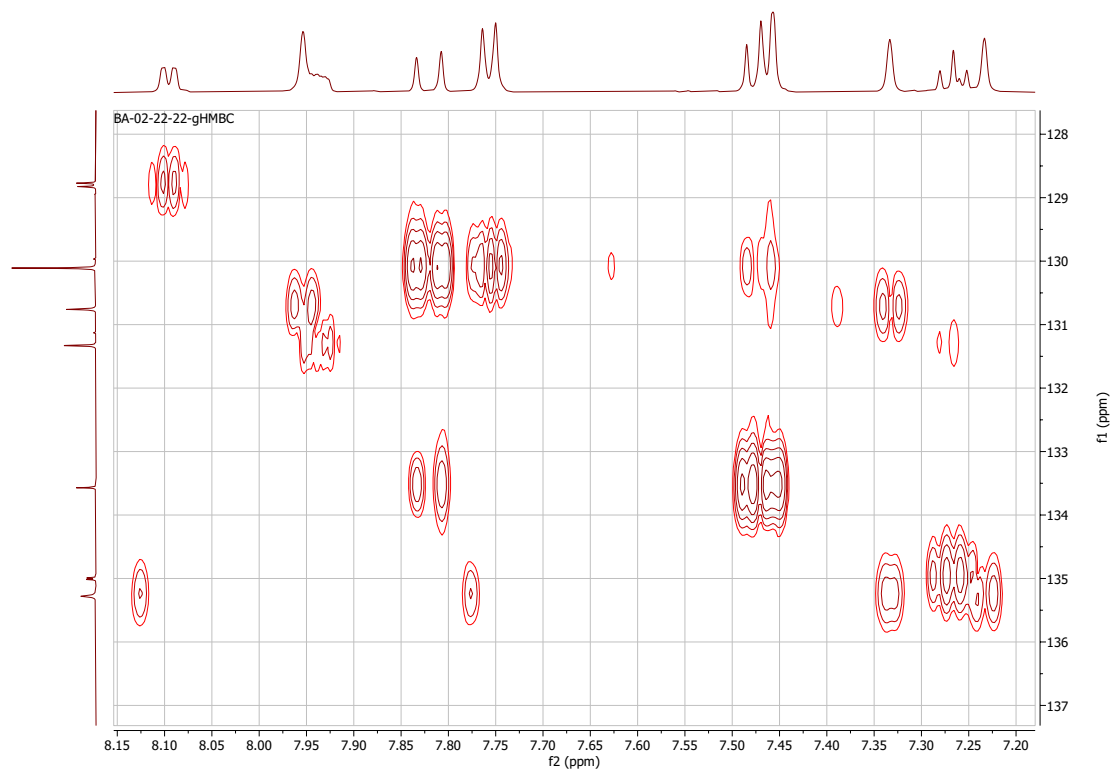


Figure S18. HMBC of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one (close up spectrum).

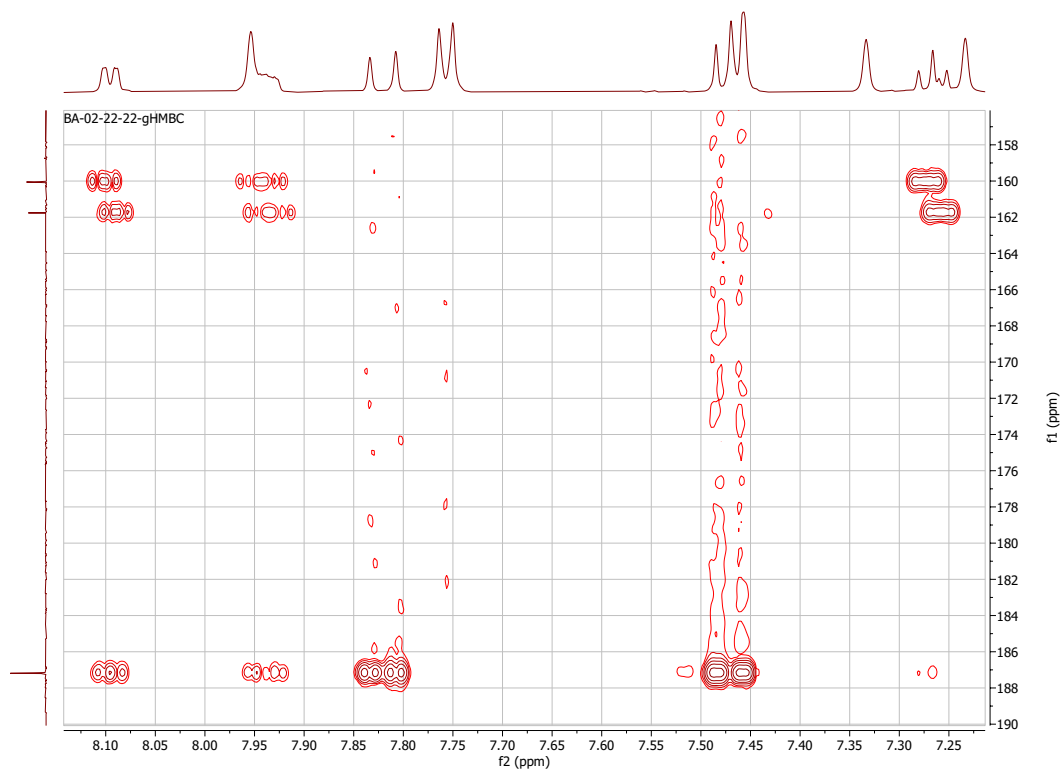


Figure S19. HMBC of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one (close up spectrum).

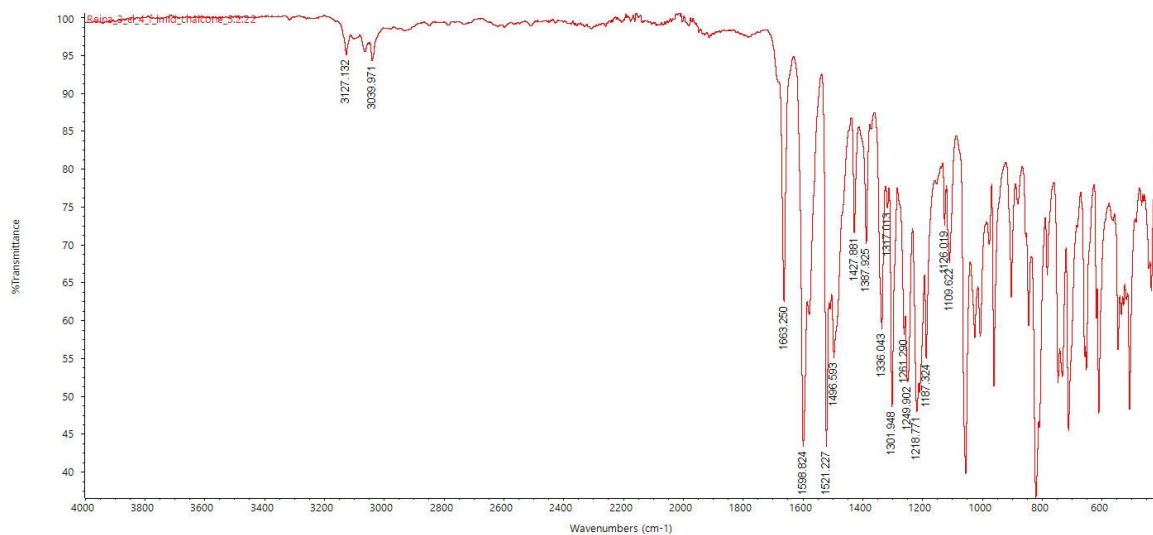


Figure S20. FTIR of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one.

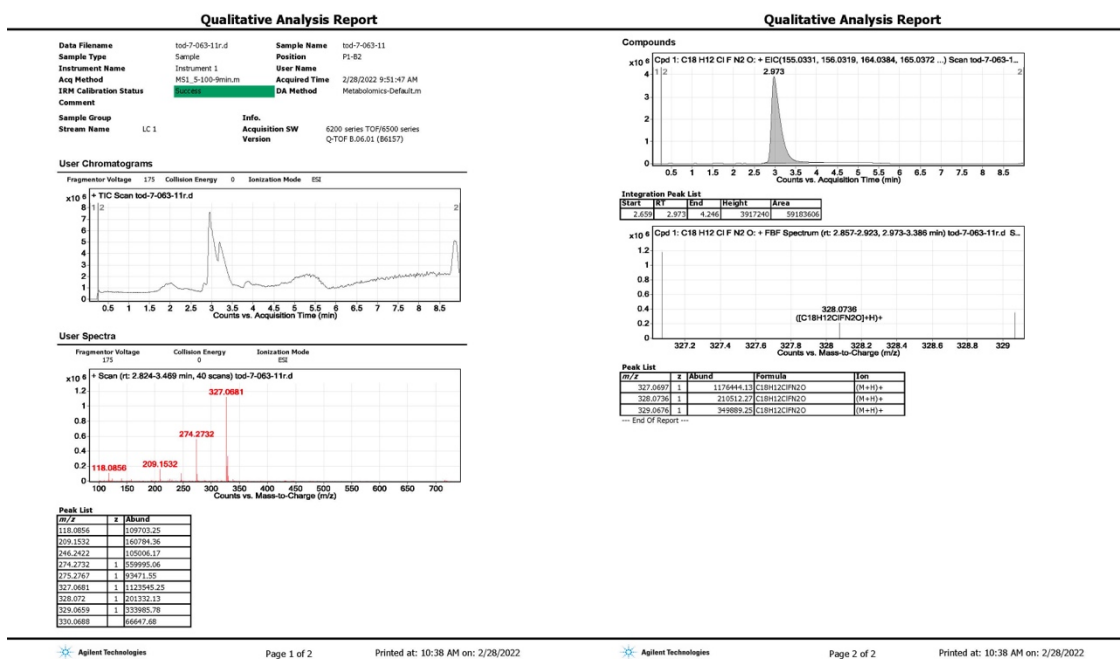


Figure S21. HRMS of (E)-3-[4-(1H-imidazol-1-yl)phenyl]-1-(3-chloro-4-fluorophenyl)prop-2-en-1-one.