

First report of synthesis of organo-functionalized triethoxysilanes via knoevenagel condensation approach

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SUPPORTING INFORMATION

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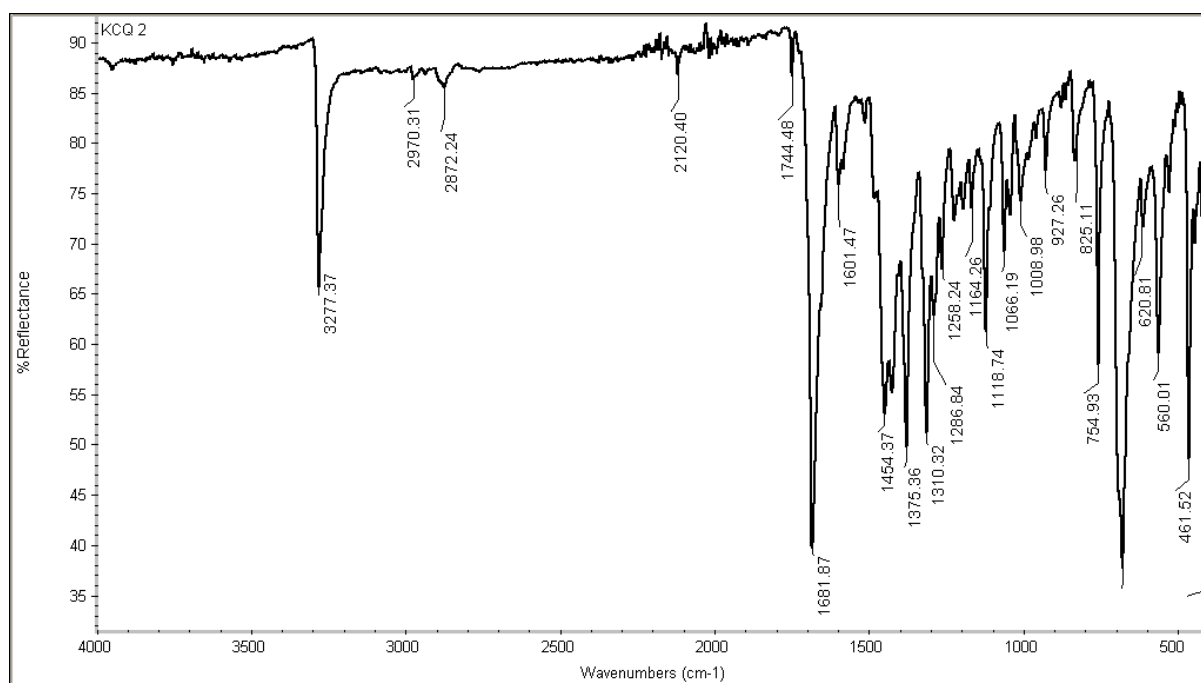
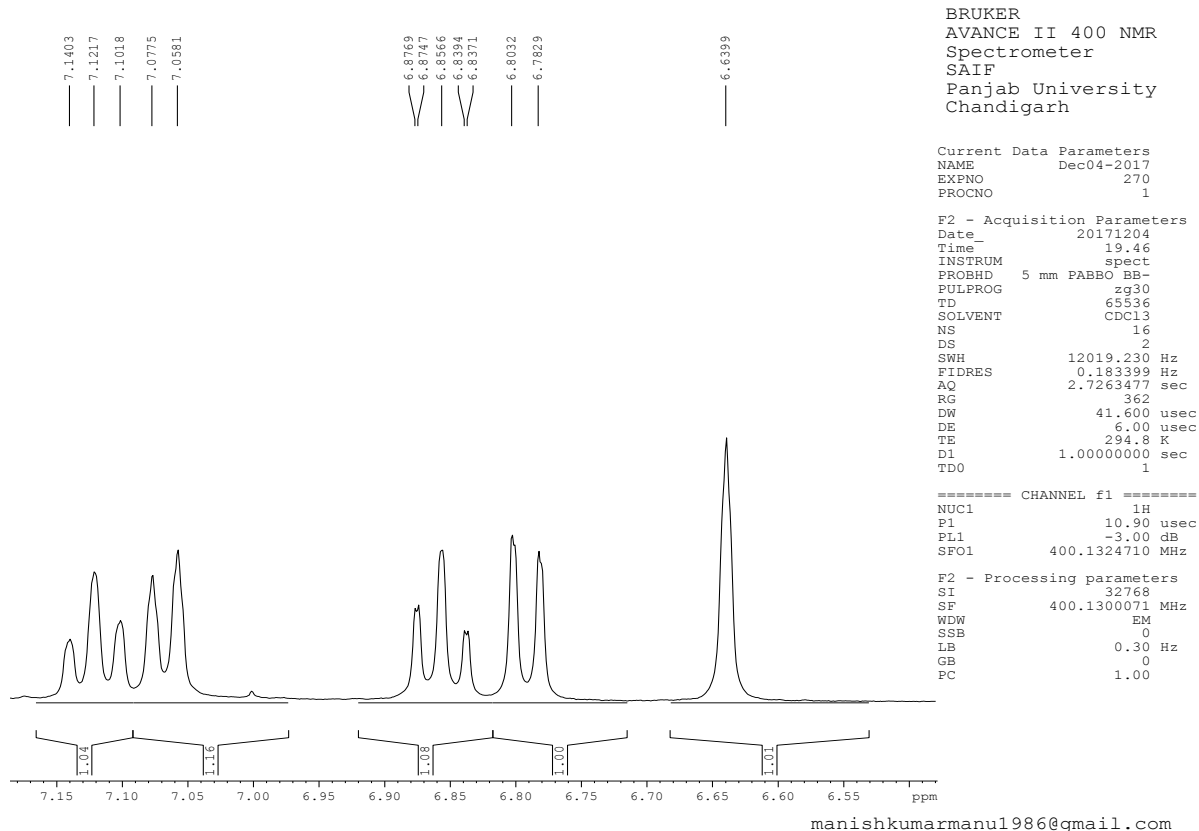
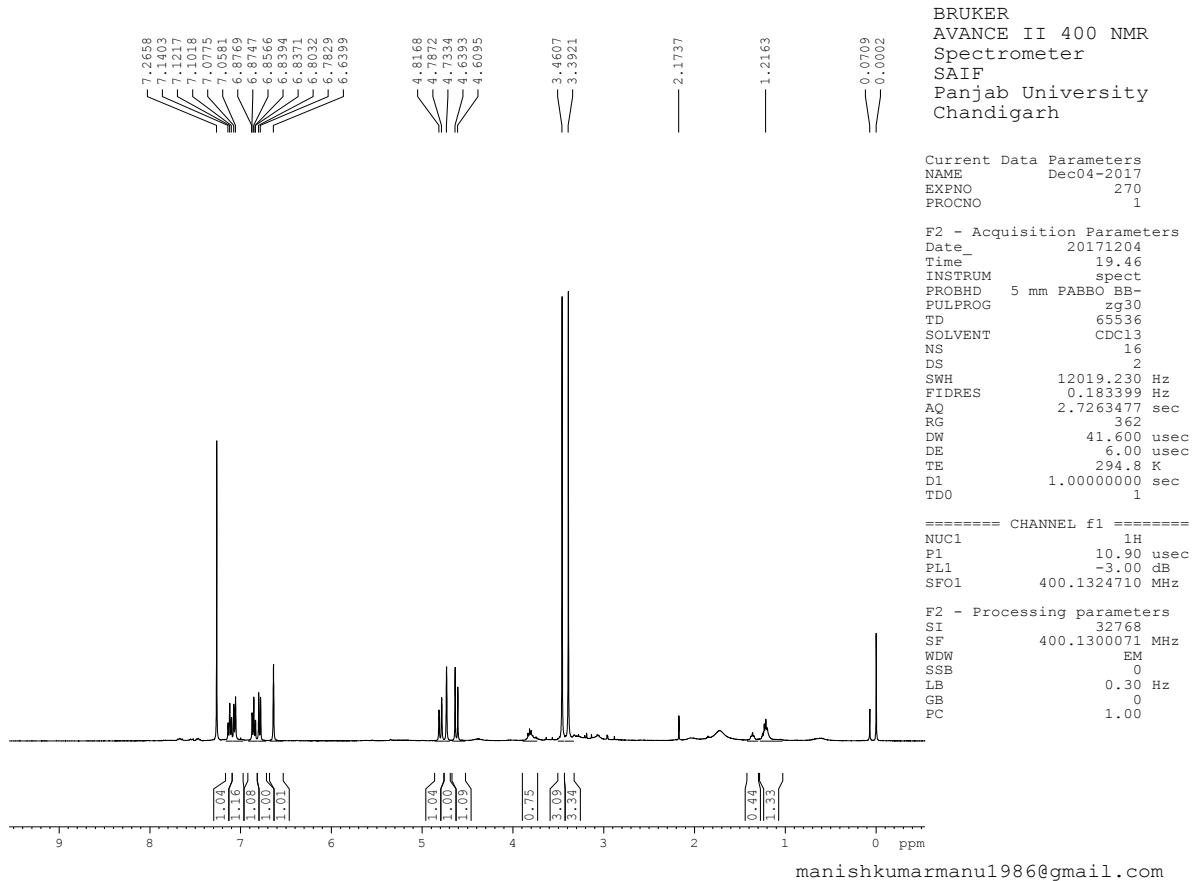


Figure S1. IR spectrum of **5a**



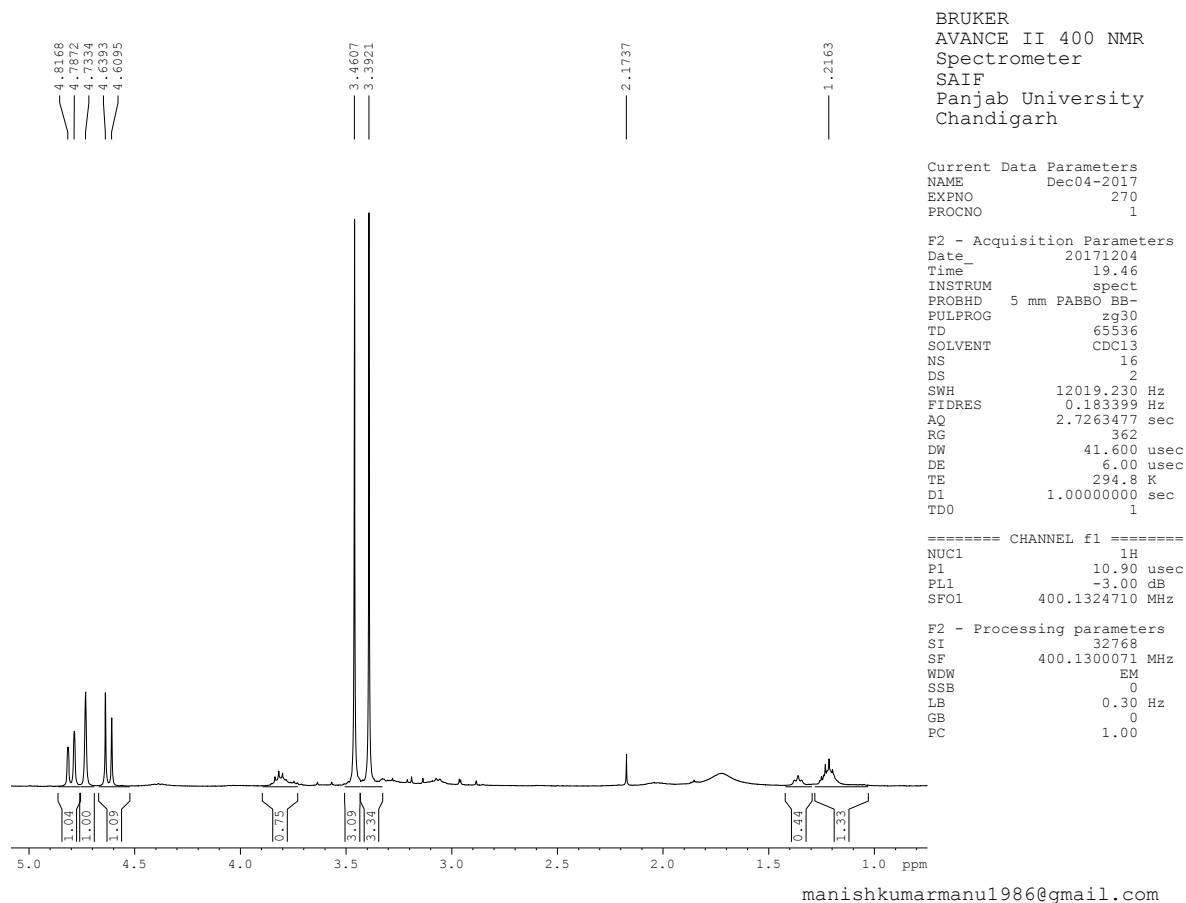


Figure S2. ^1H NMR of 5a

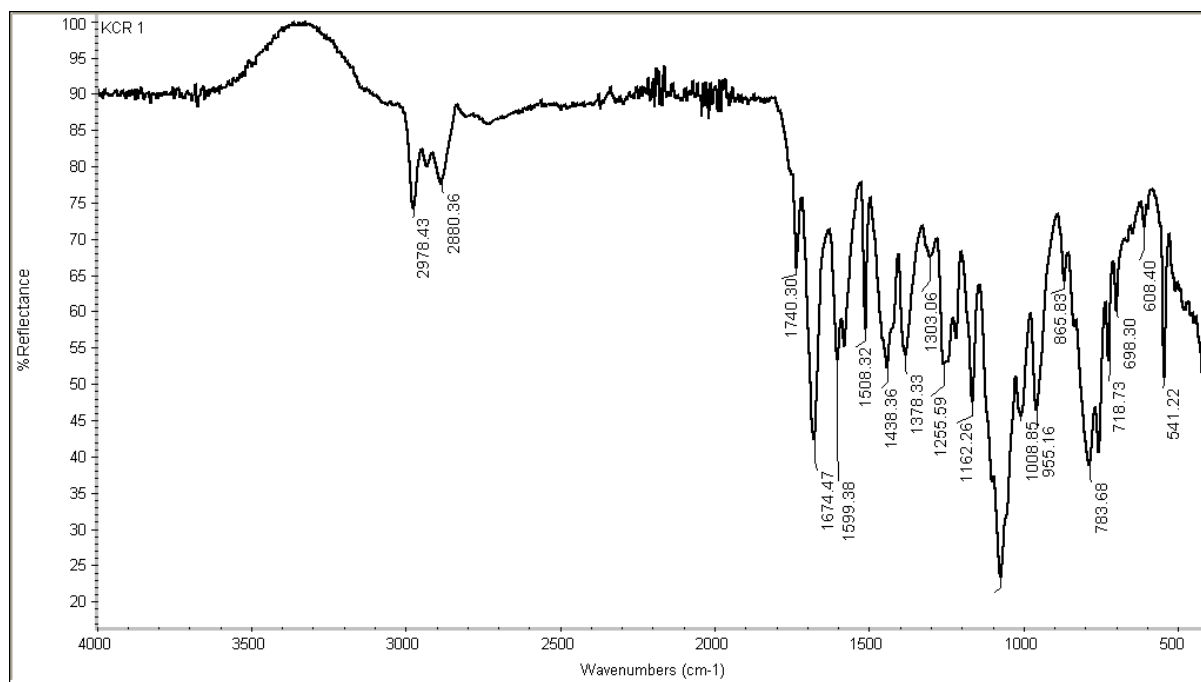
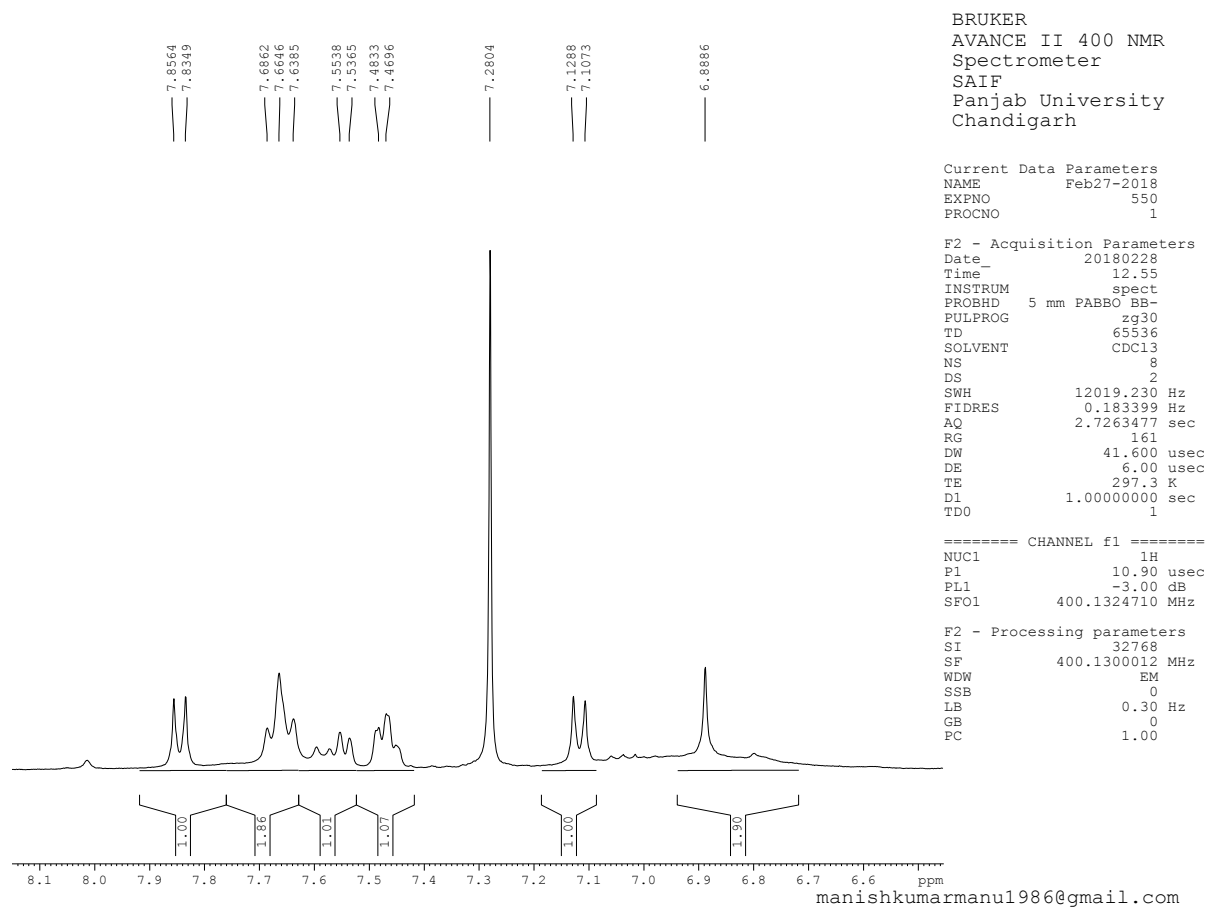
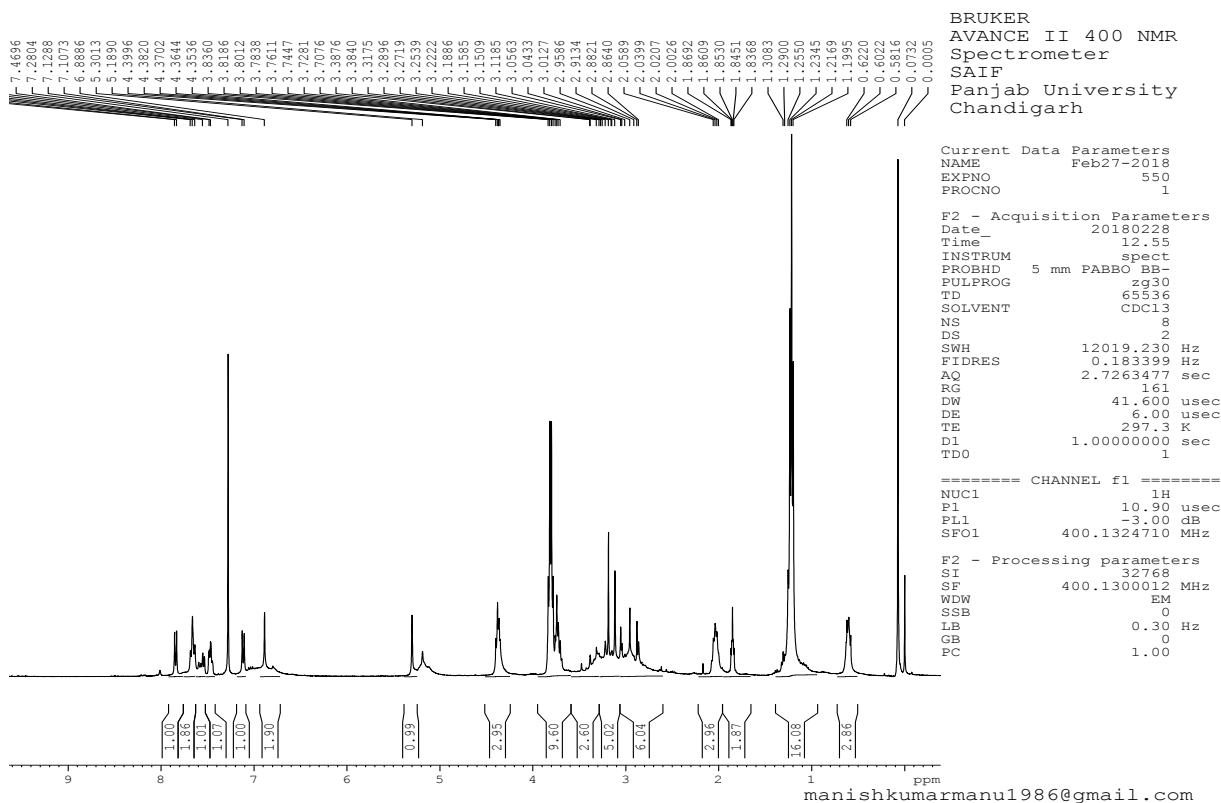


Figure S3. IR spectrum of 6a



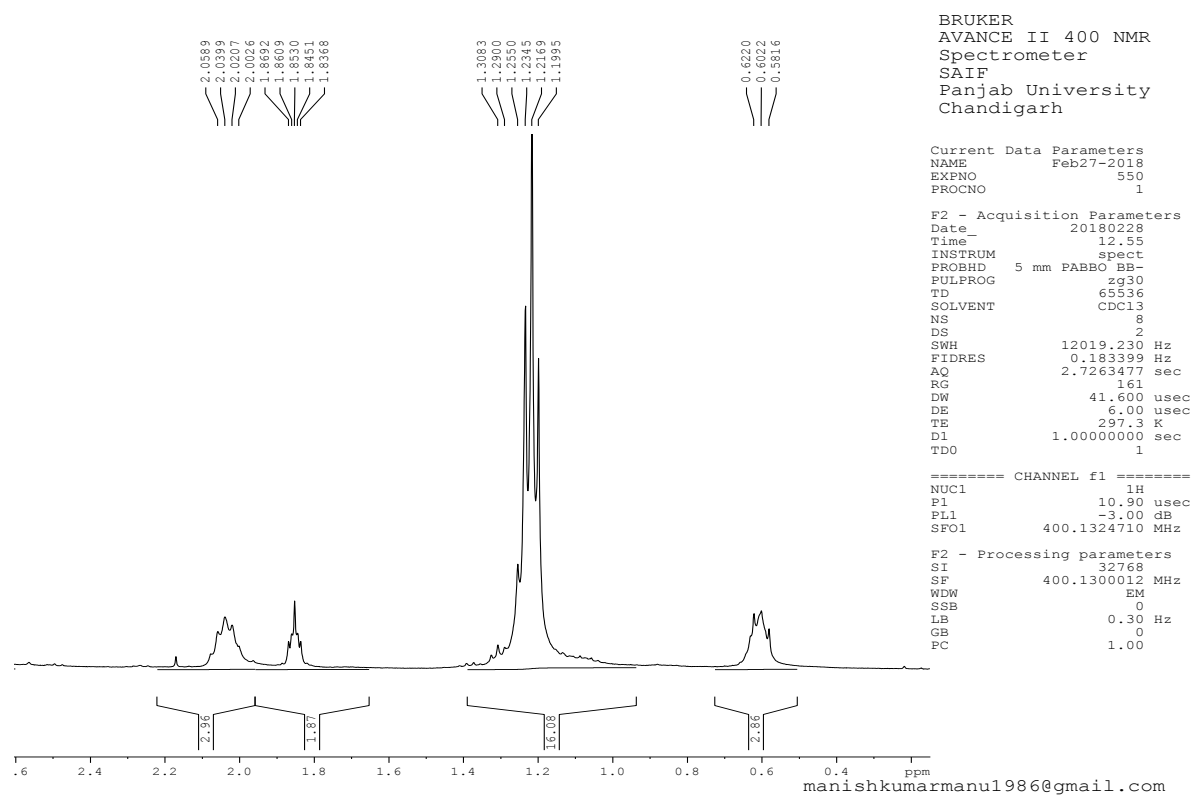
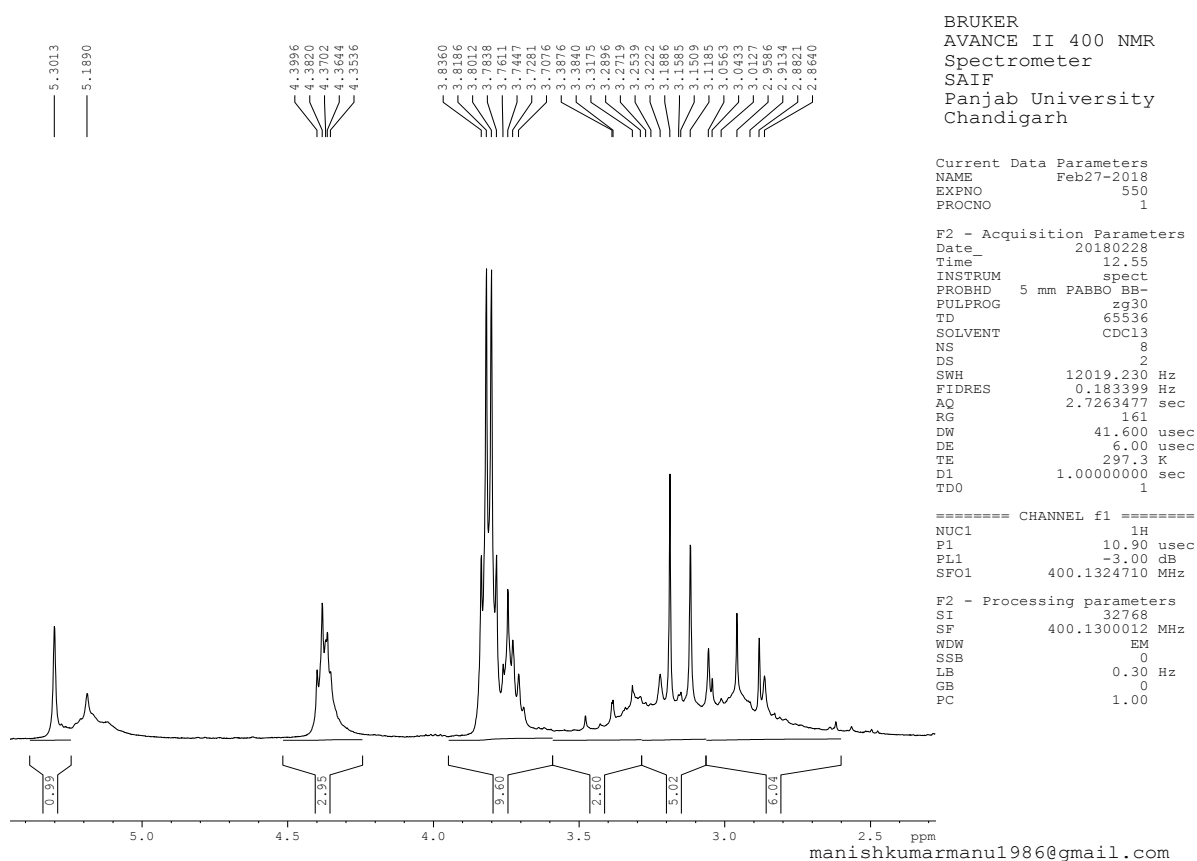


Figure S4. ^1H spectrum of **6a**

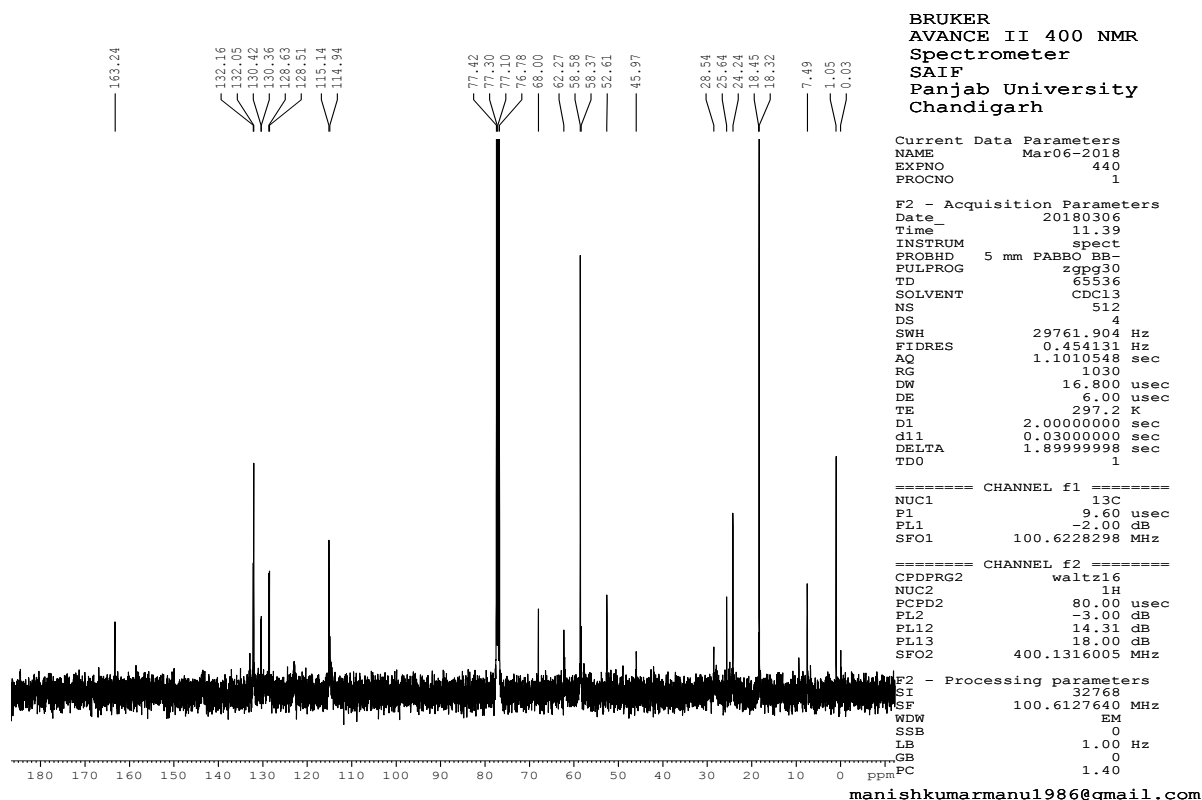


Figure S5. ^{13}C spectrum of 6a

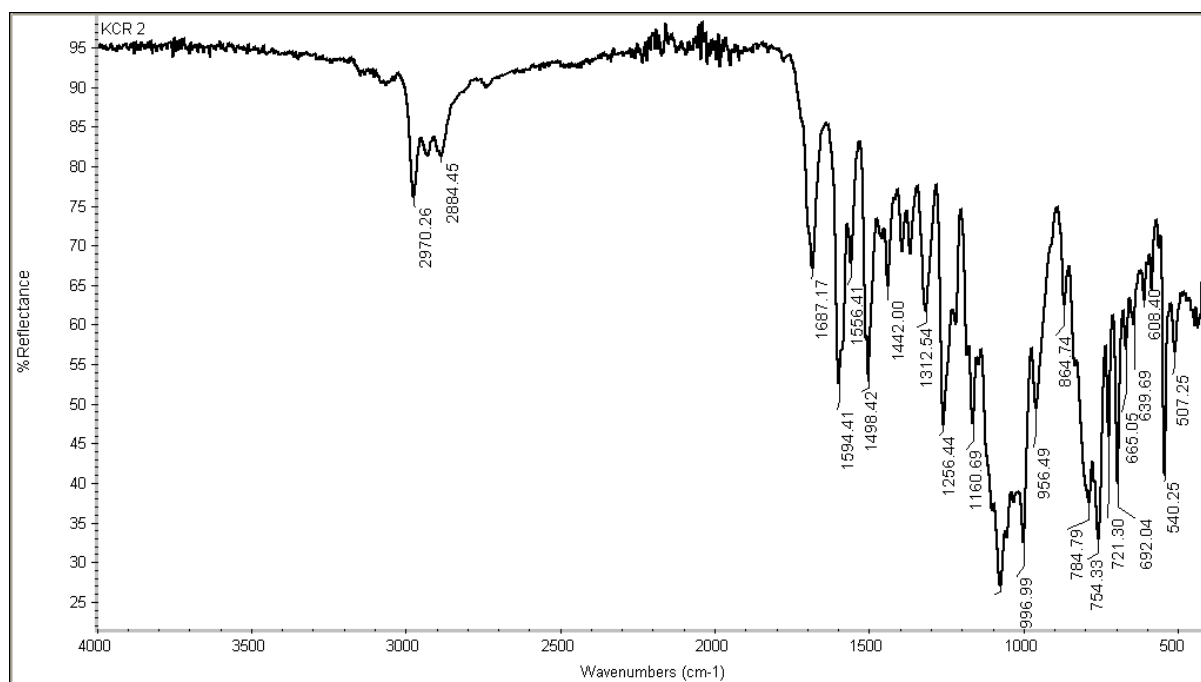
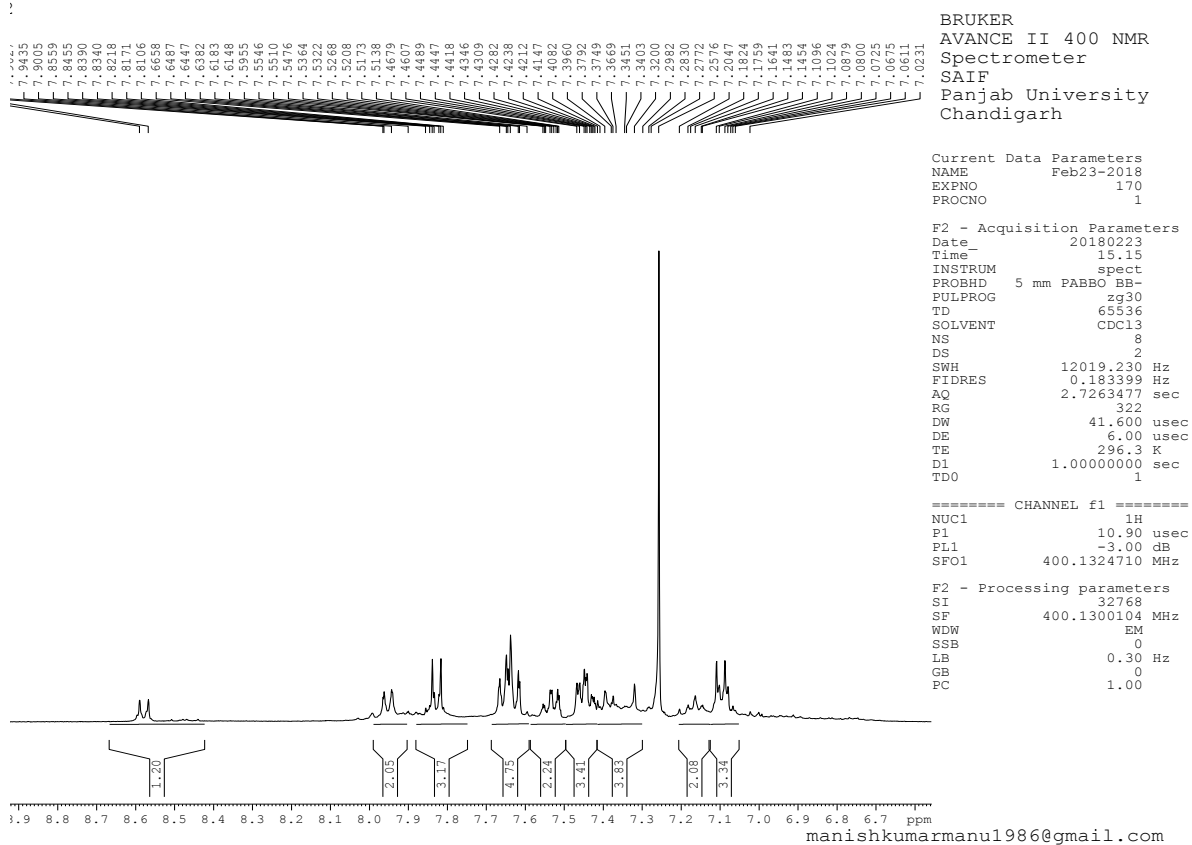
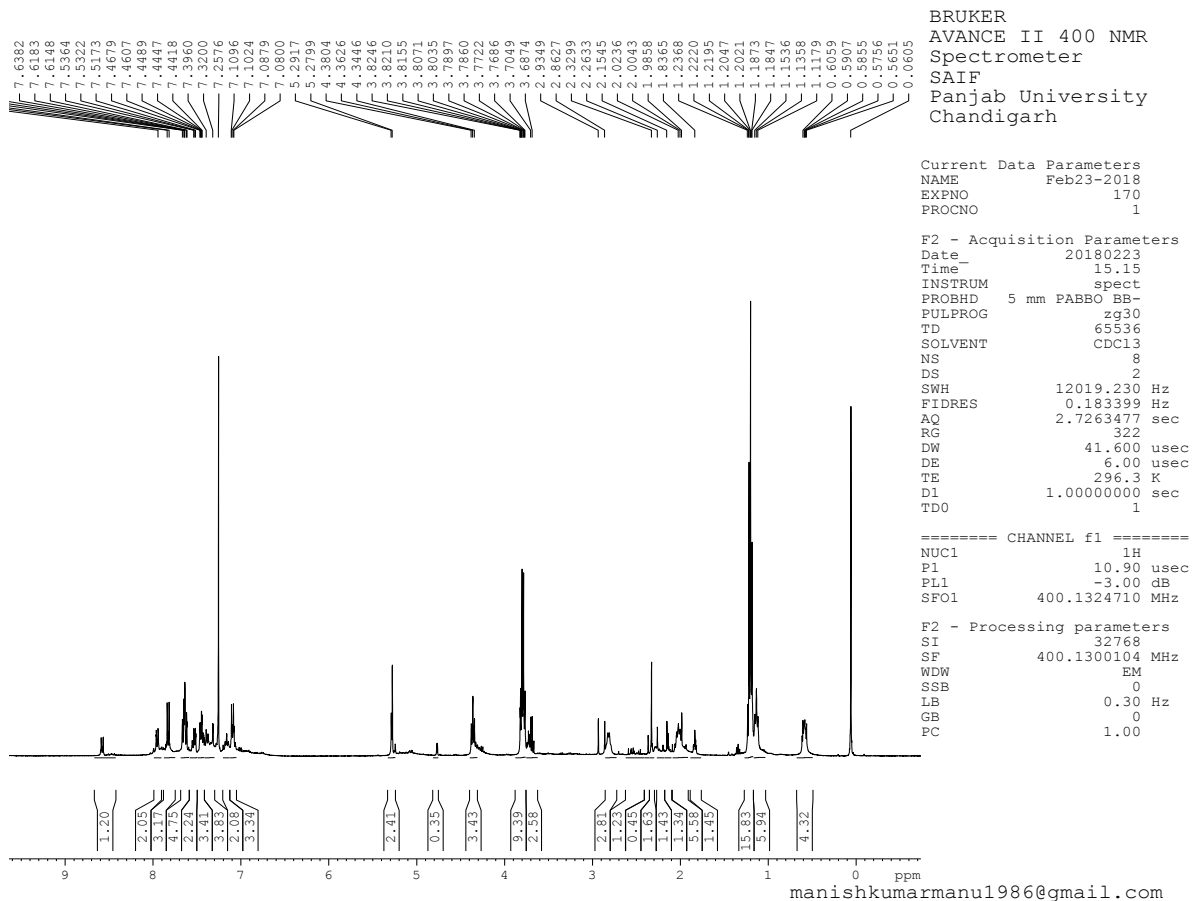


Figure S6. IR Spectrum of 6b



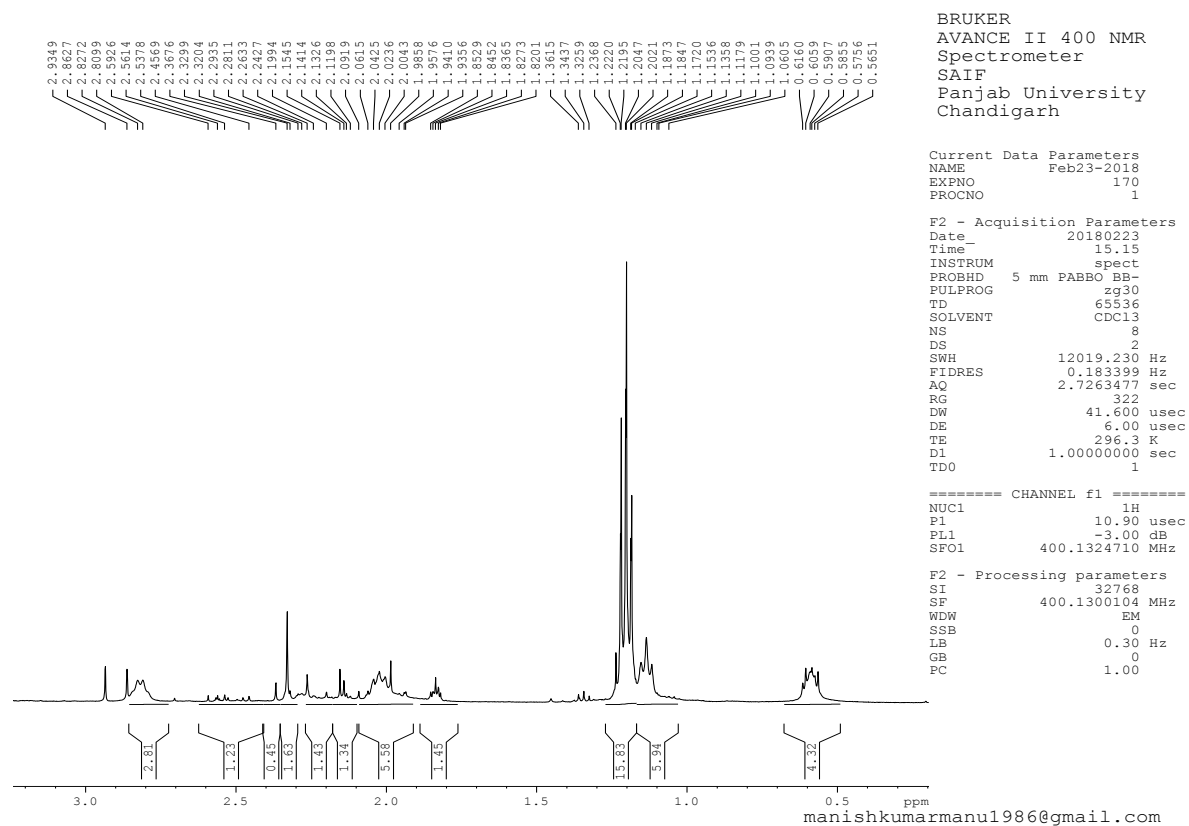
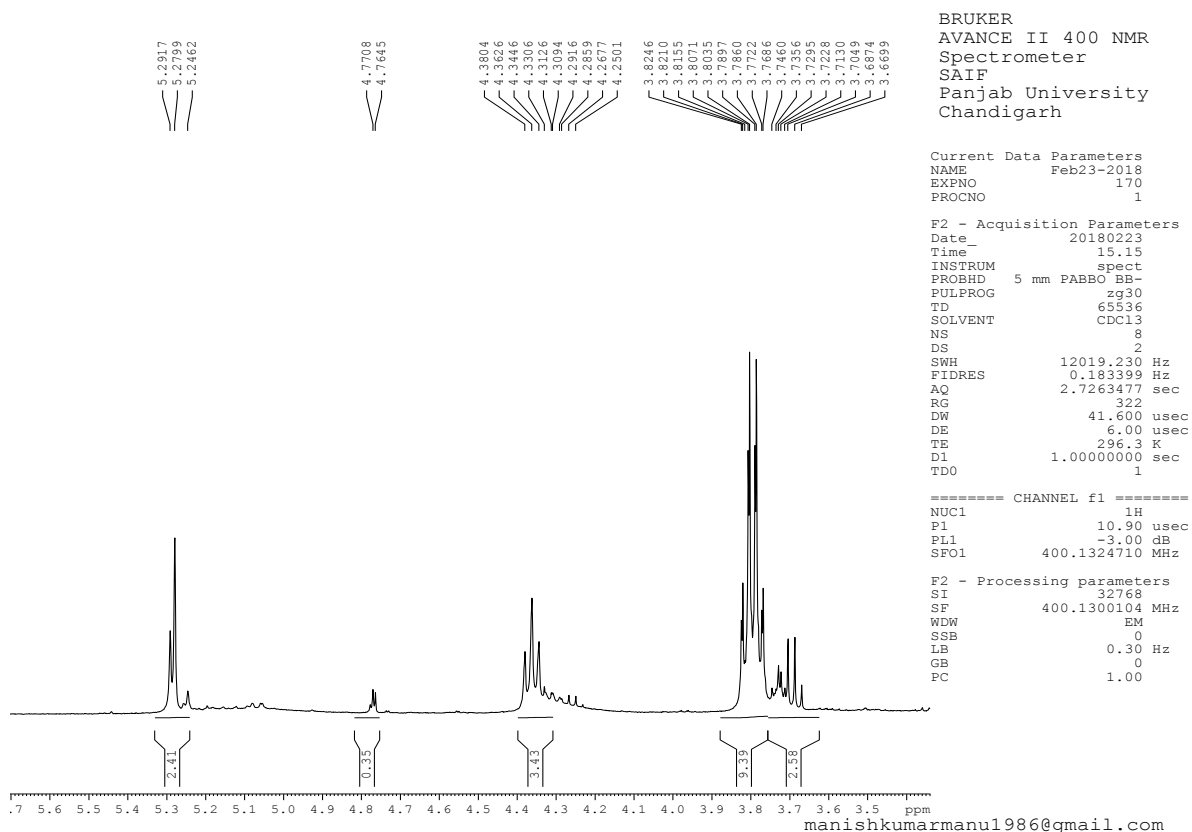


Figure S7. ^1H Spectrum of **6b**

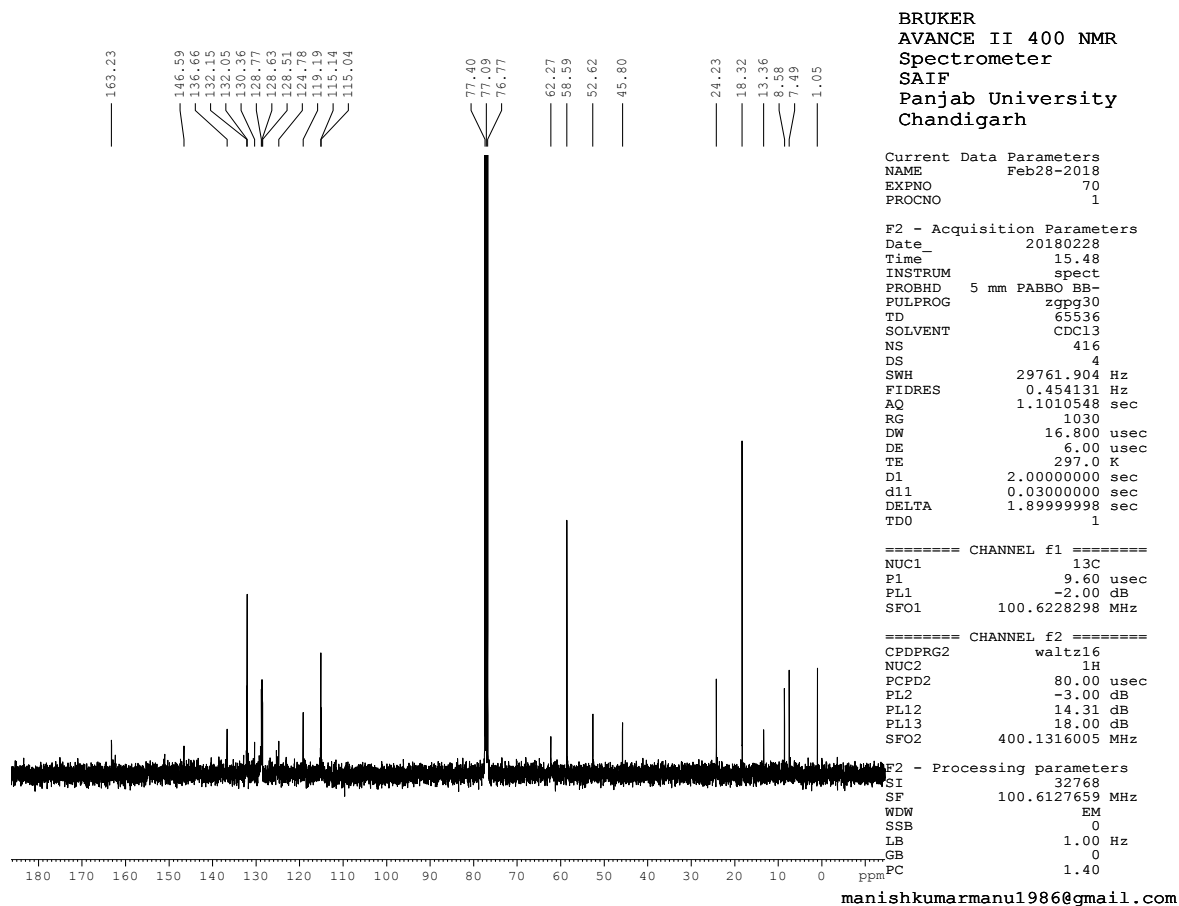


Figure S8. ^{13}C spectrum of **6b**

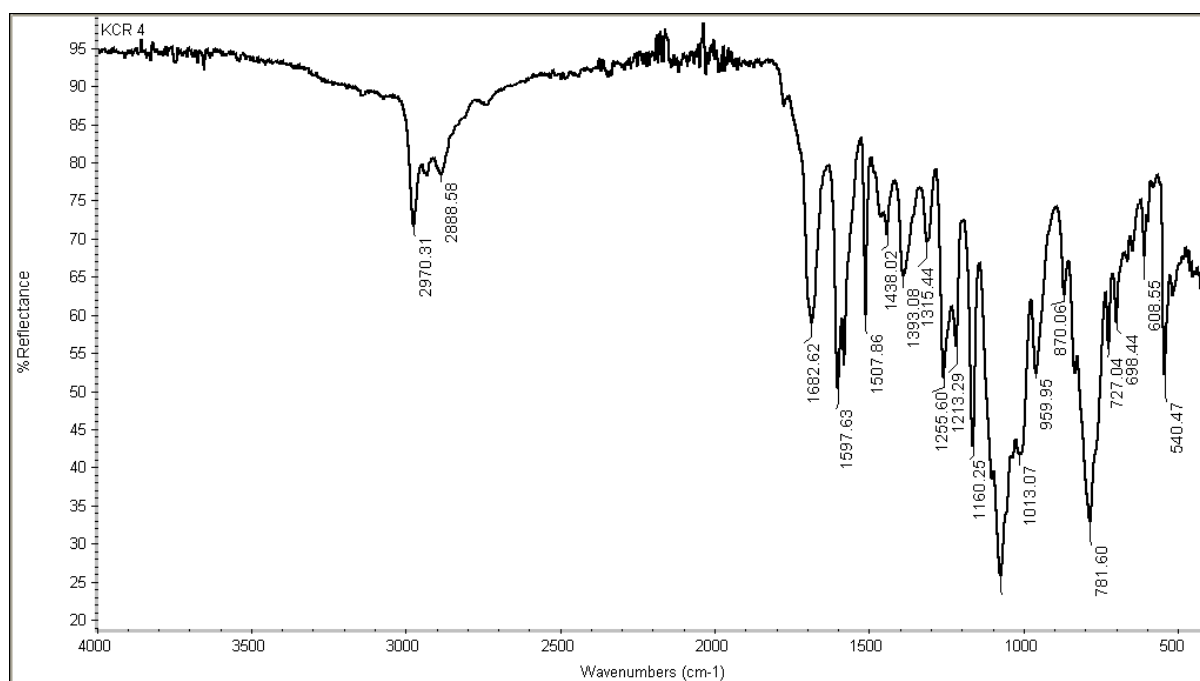
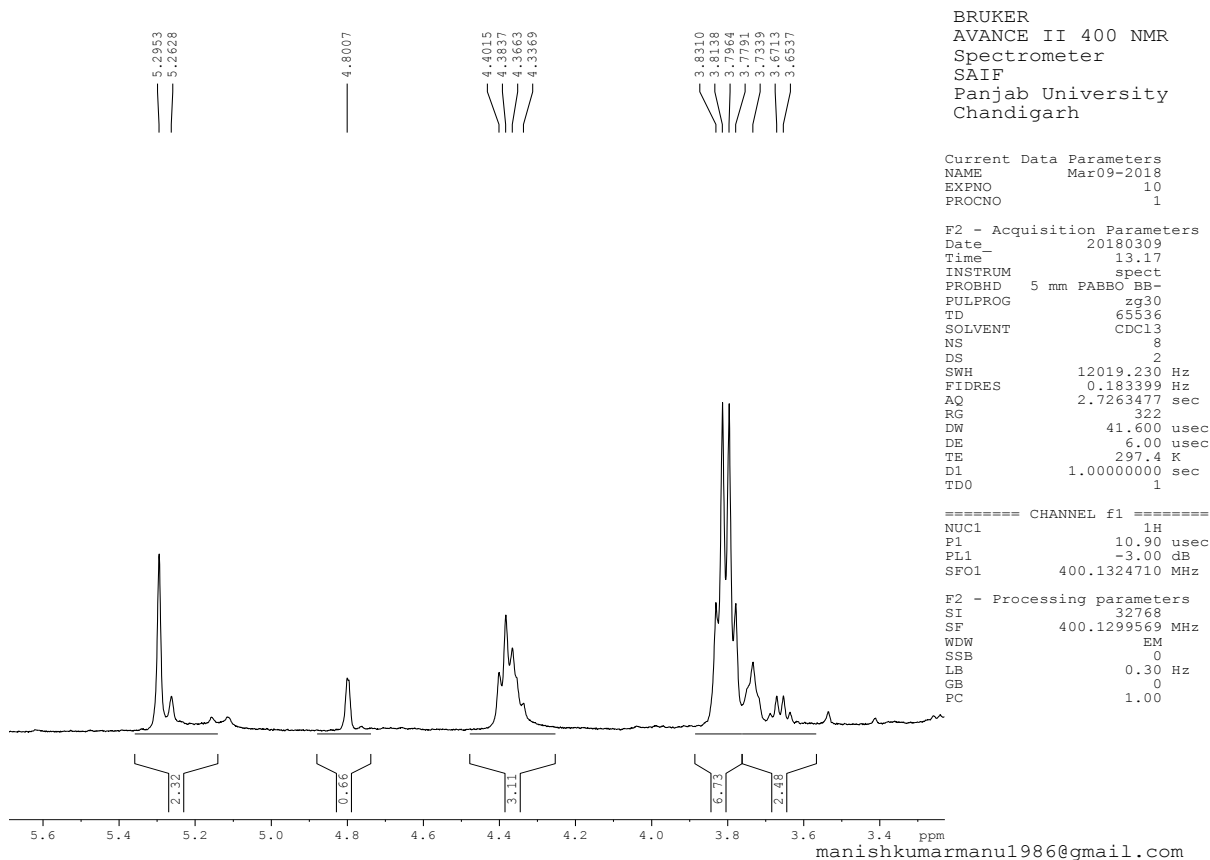
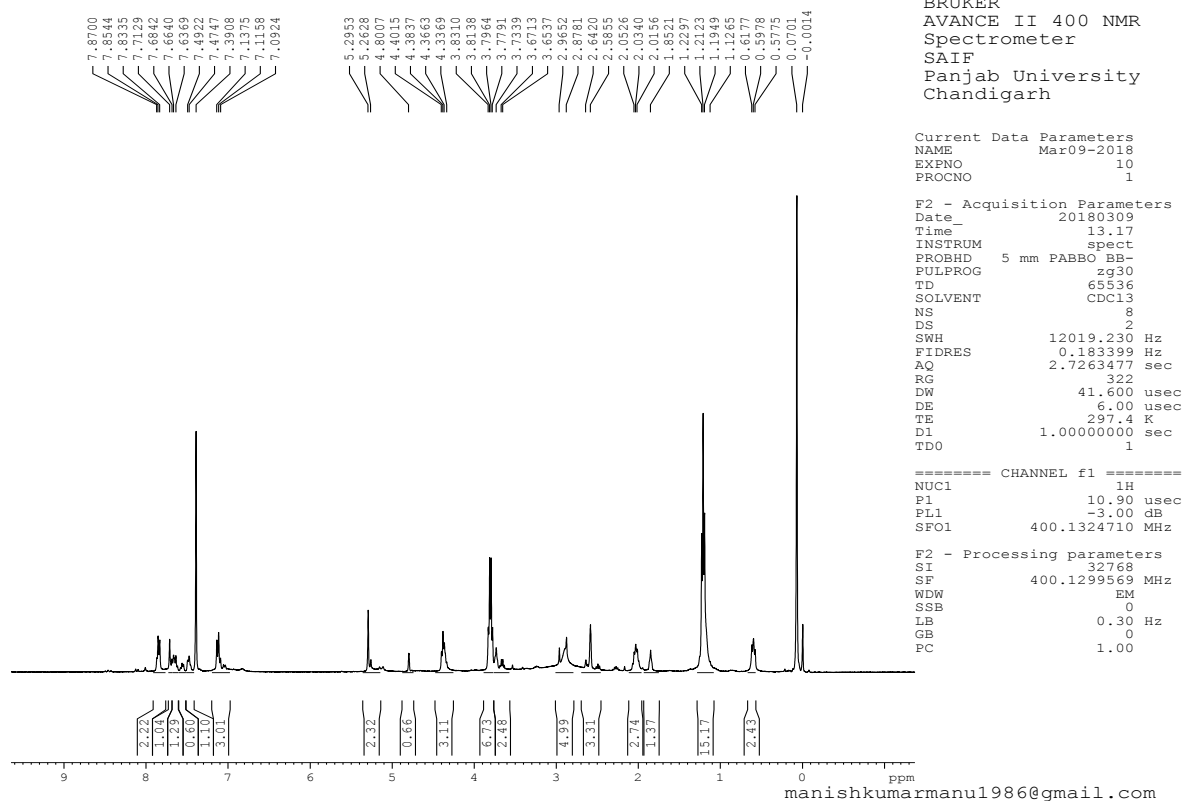


Figure S9. IR Spectrum of **6c**



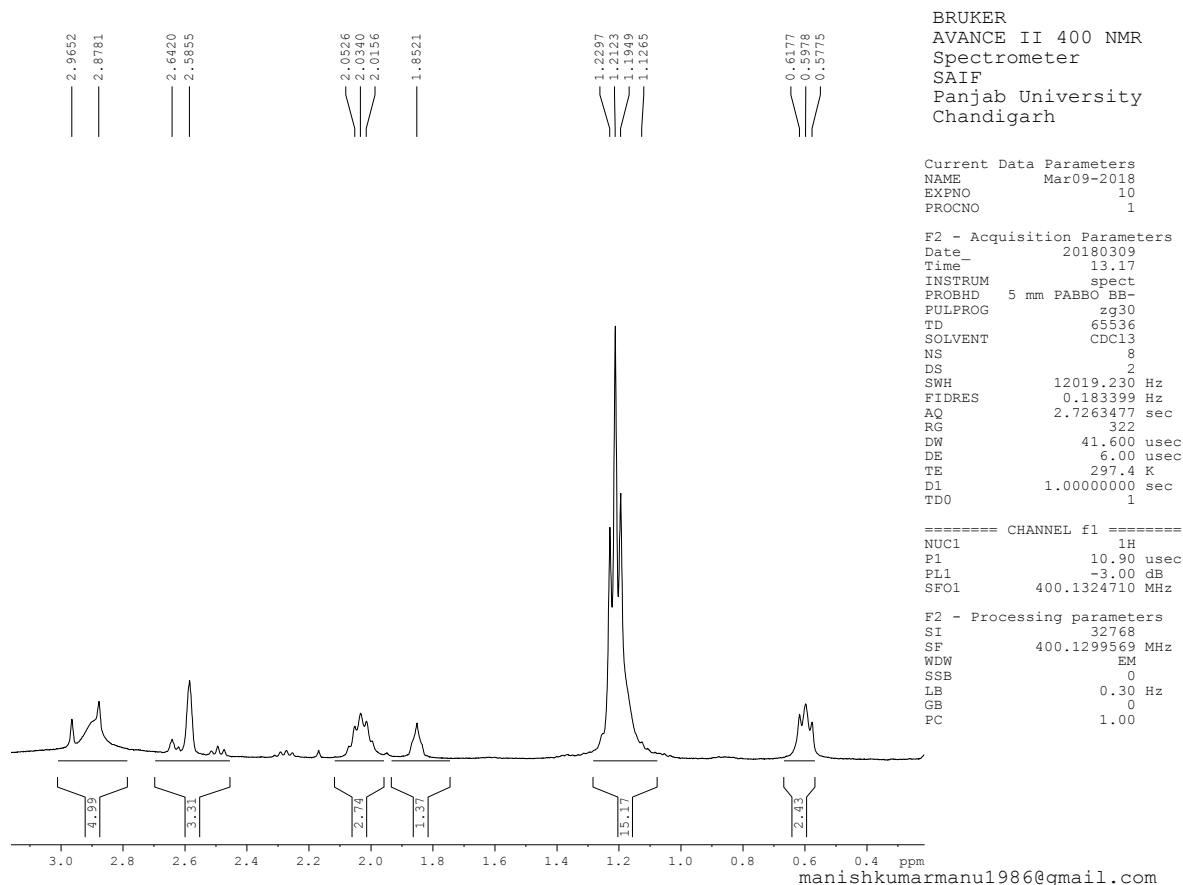


Figure S10. ^1H Spectrum of 6c

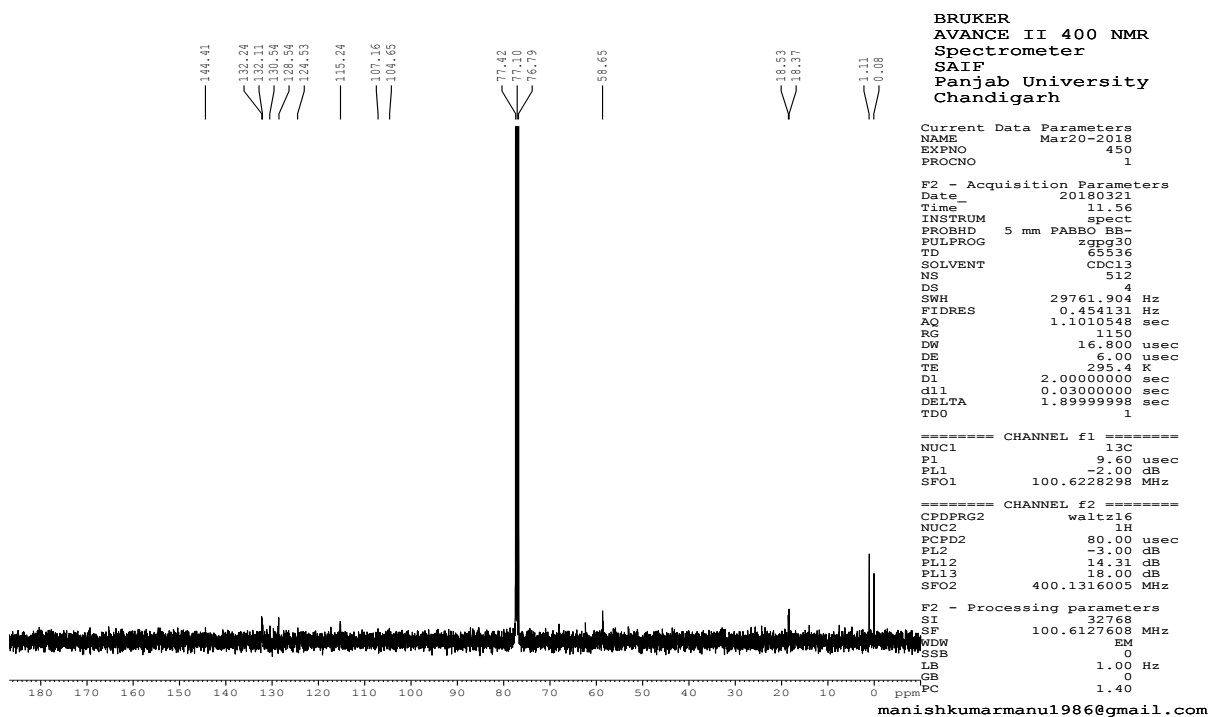


Figure S11. ^{13}C Spectrum of 6c

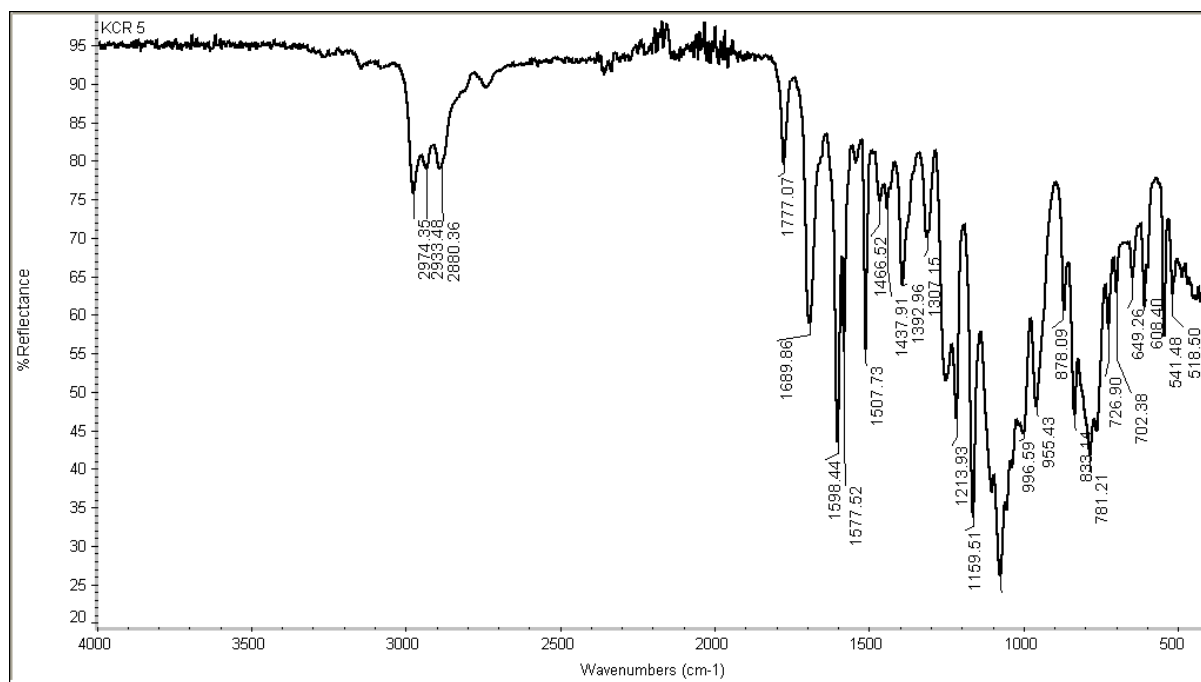
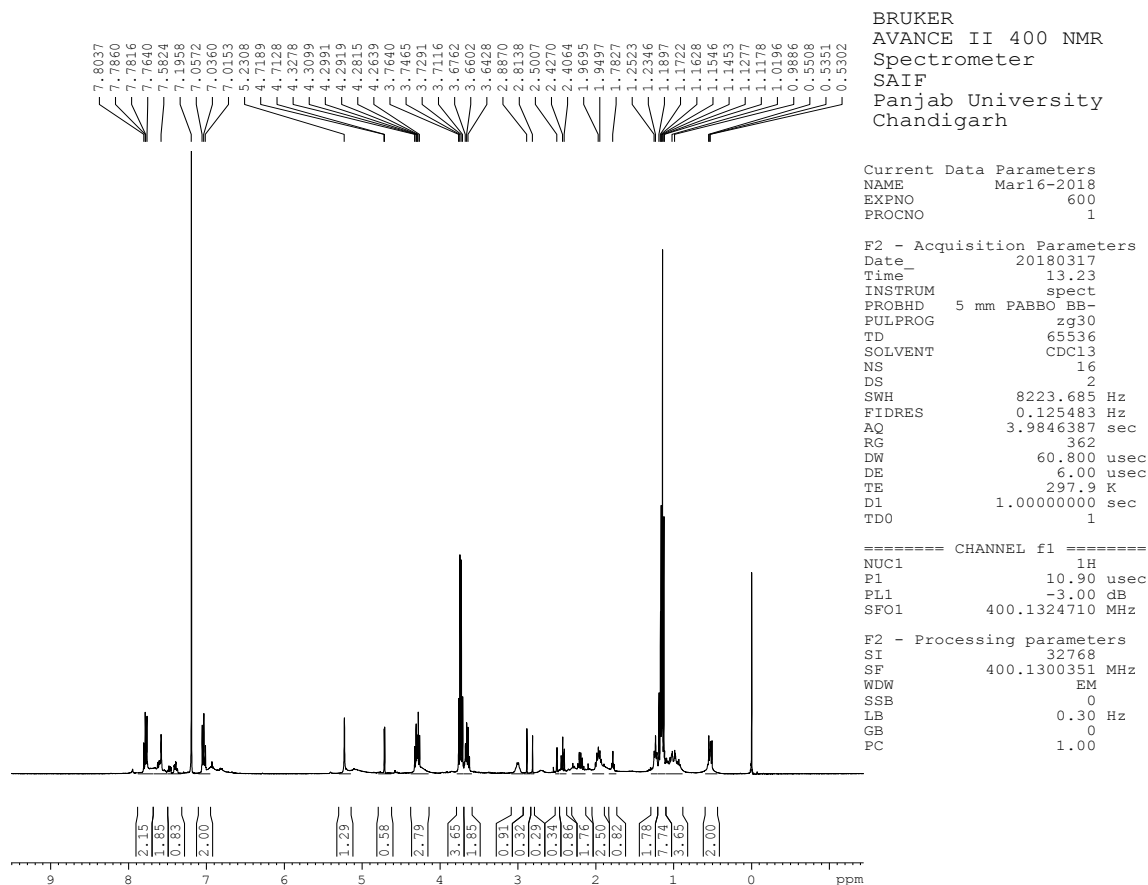


Figure S12. IR Spectrum of 6d



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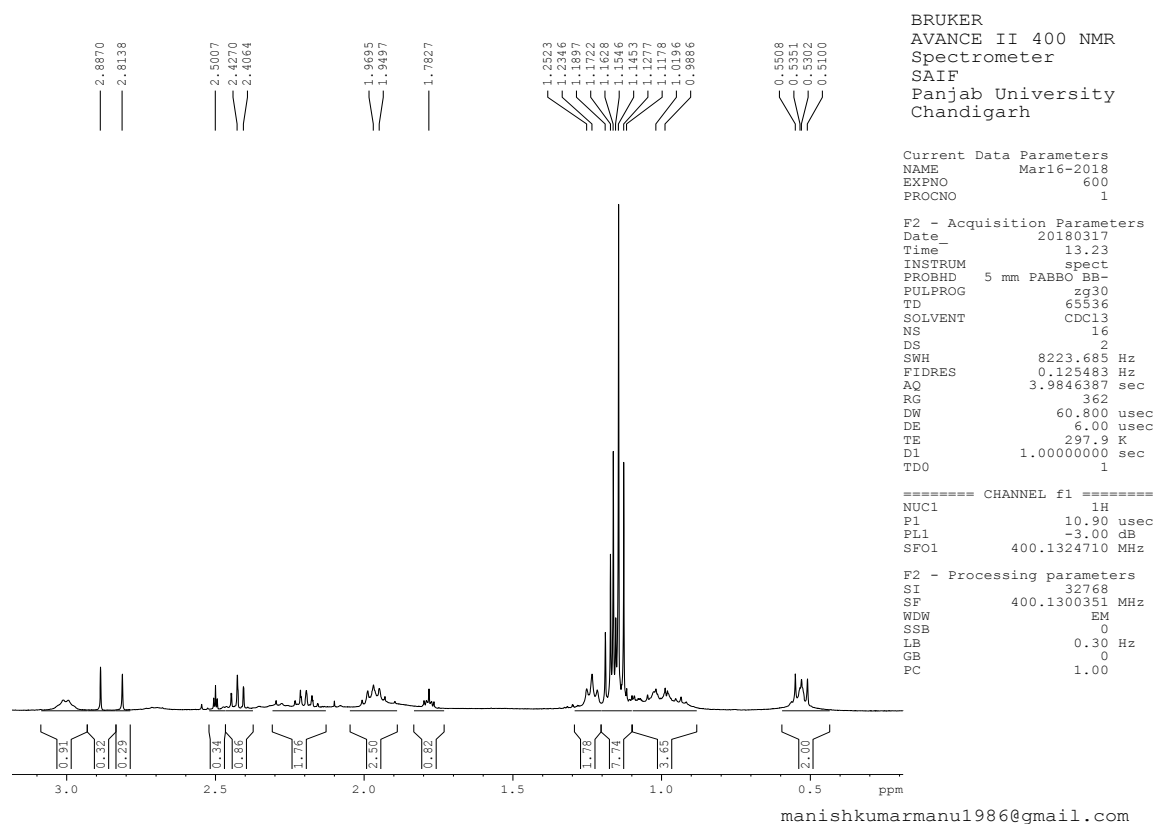
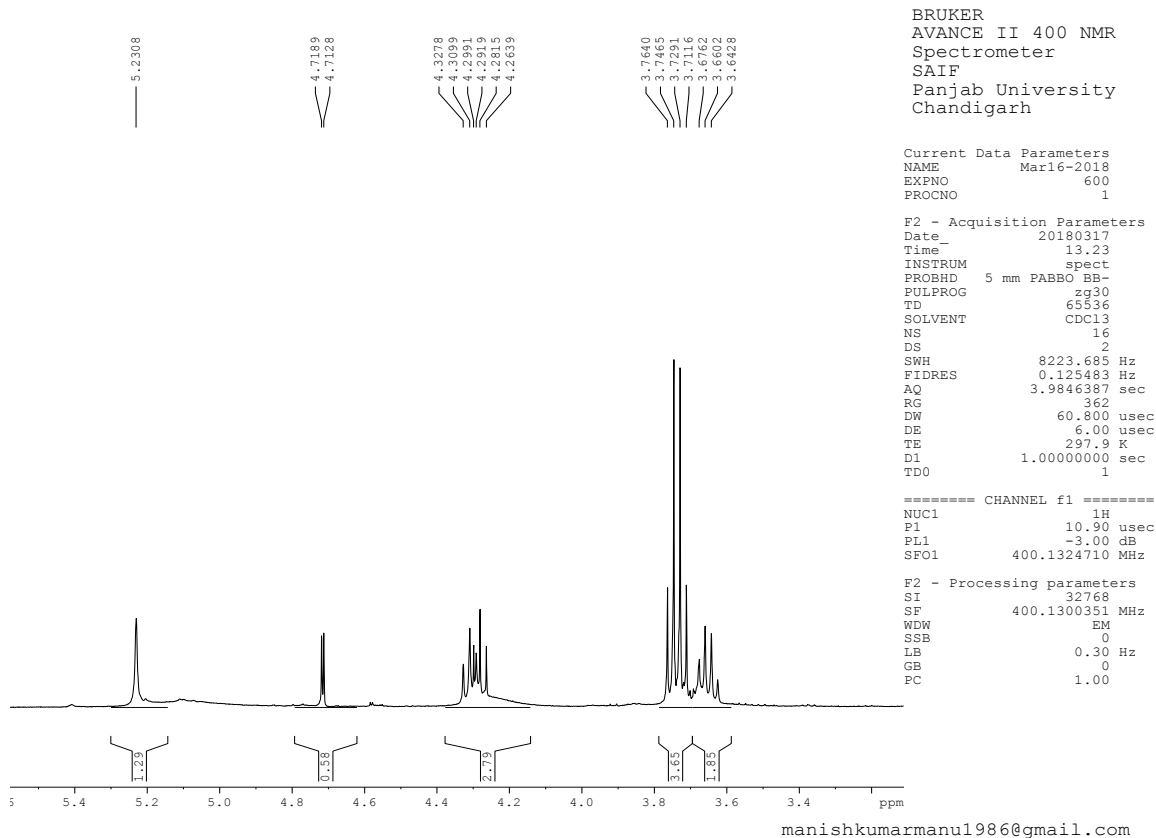


Figure S13. ^1H Spectrum of 6d

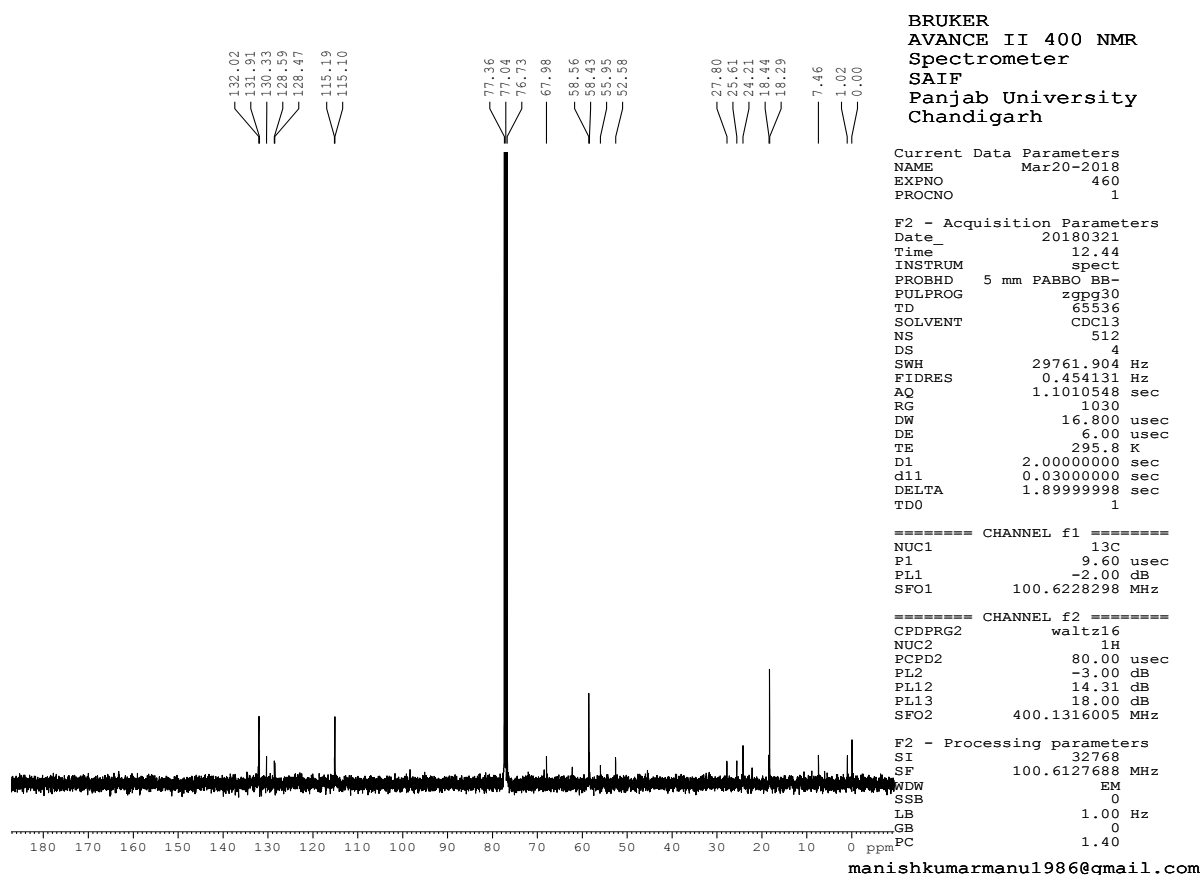


Figure S14. ¹³C Spectrum of 6d

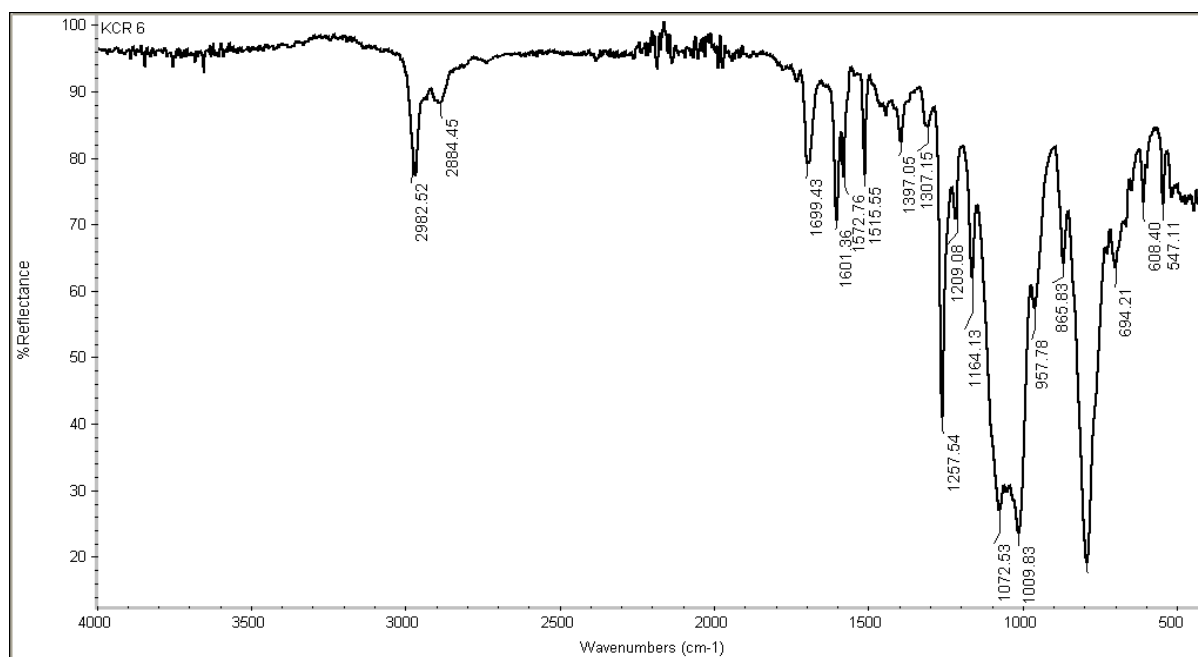
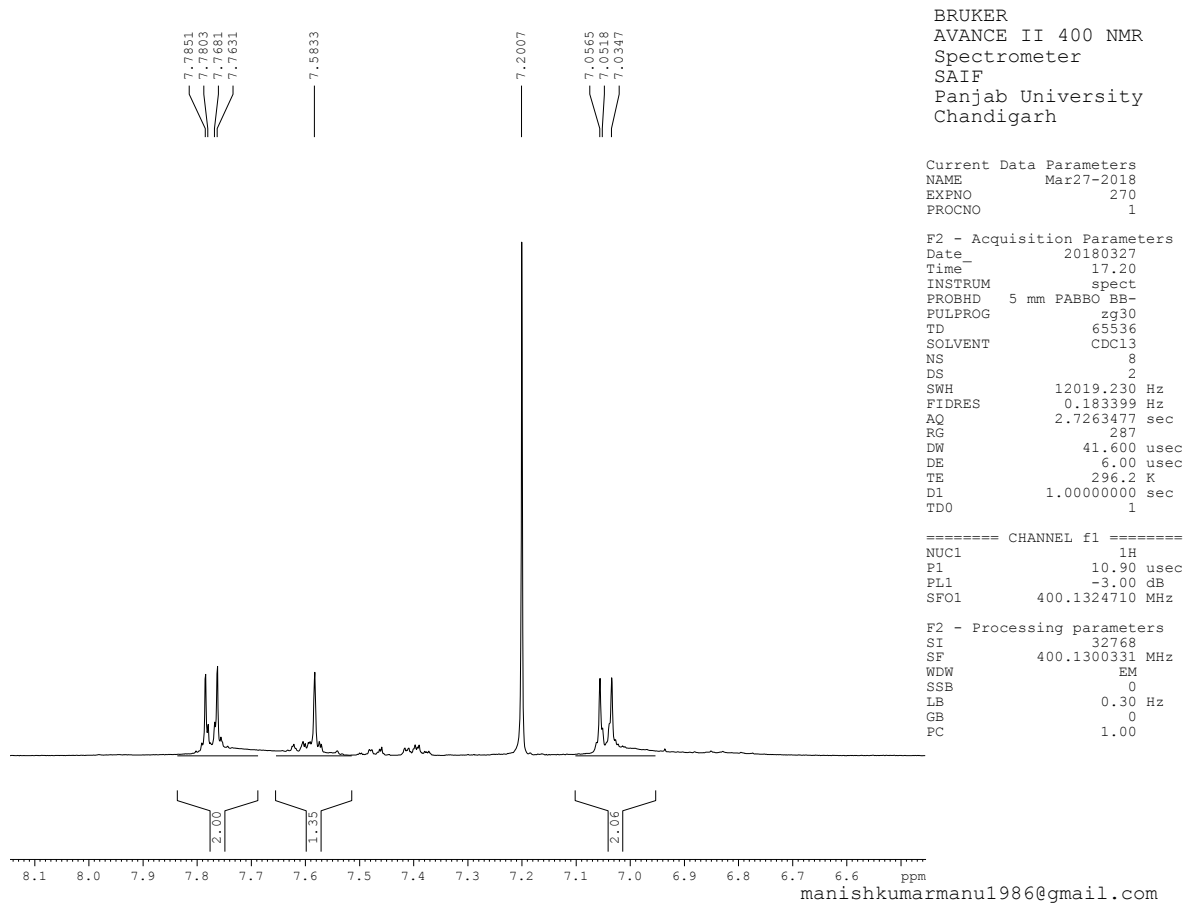
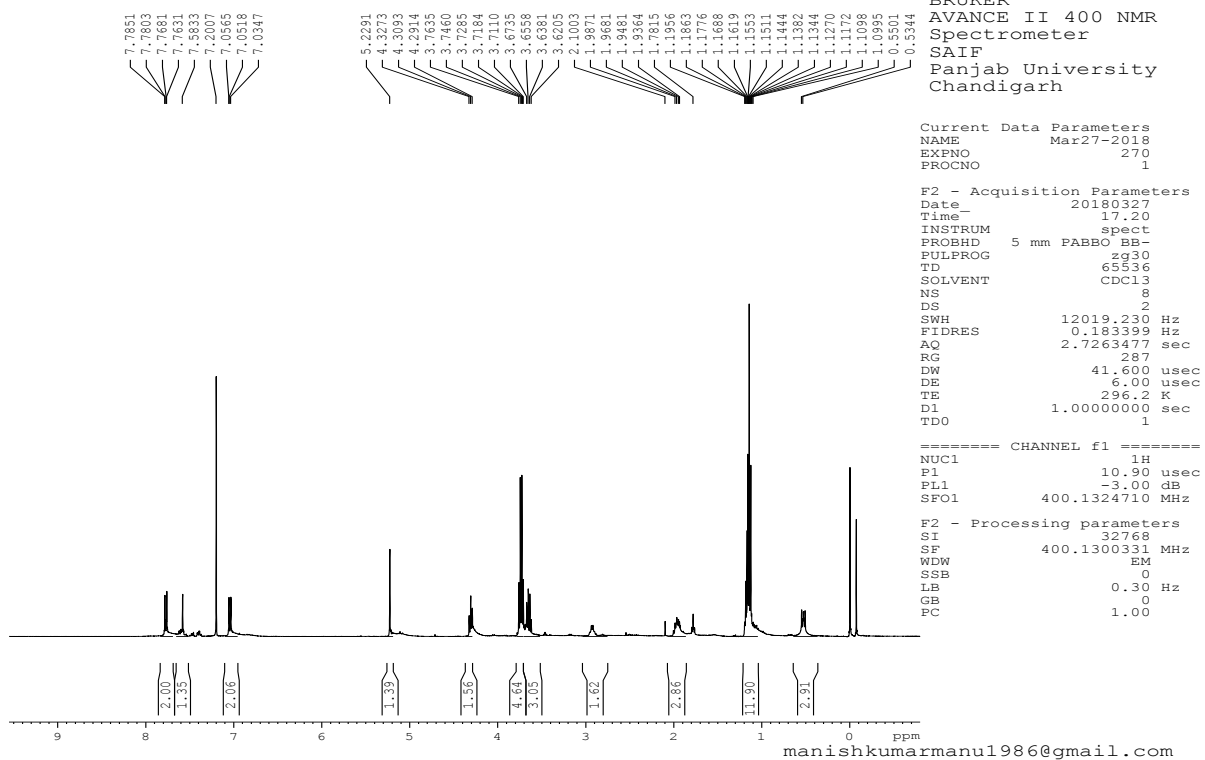


Figure S15. IR Spectrum of 6e



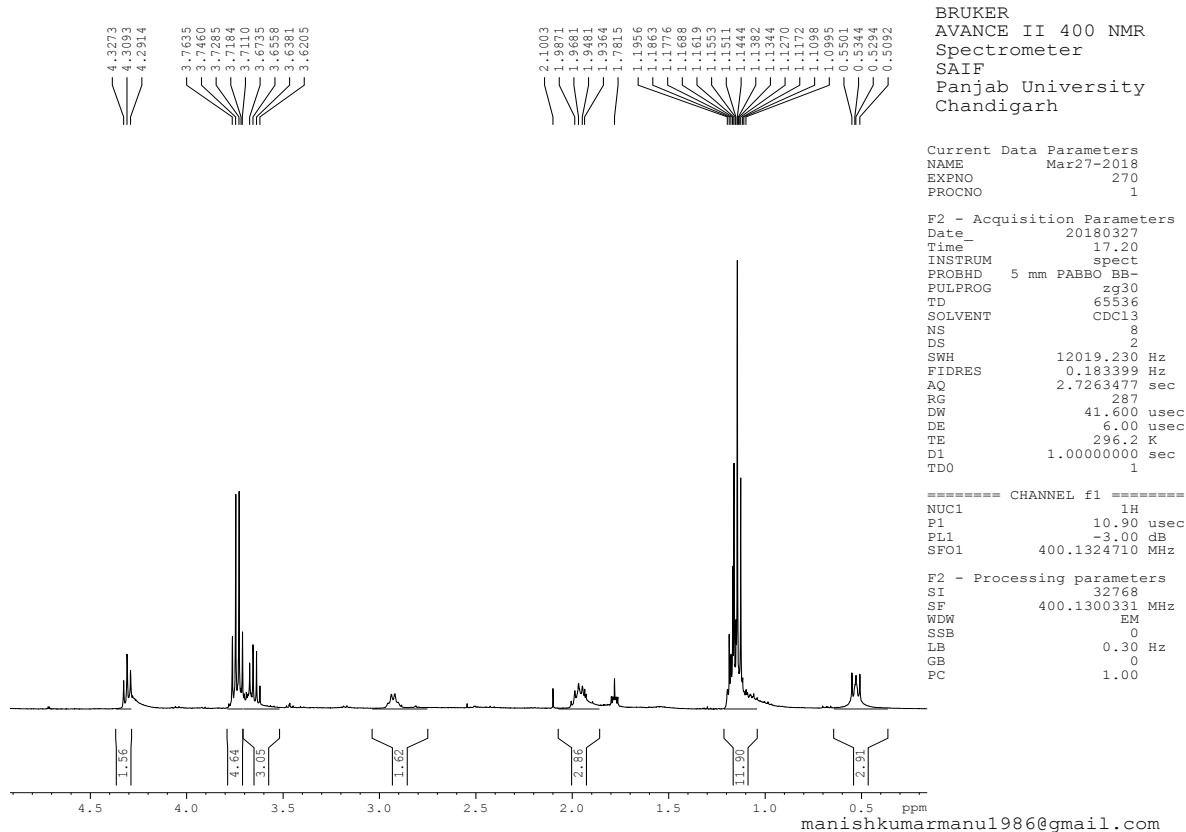


Figure S16. ^1H Spectrum of 6e

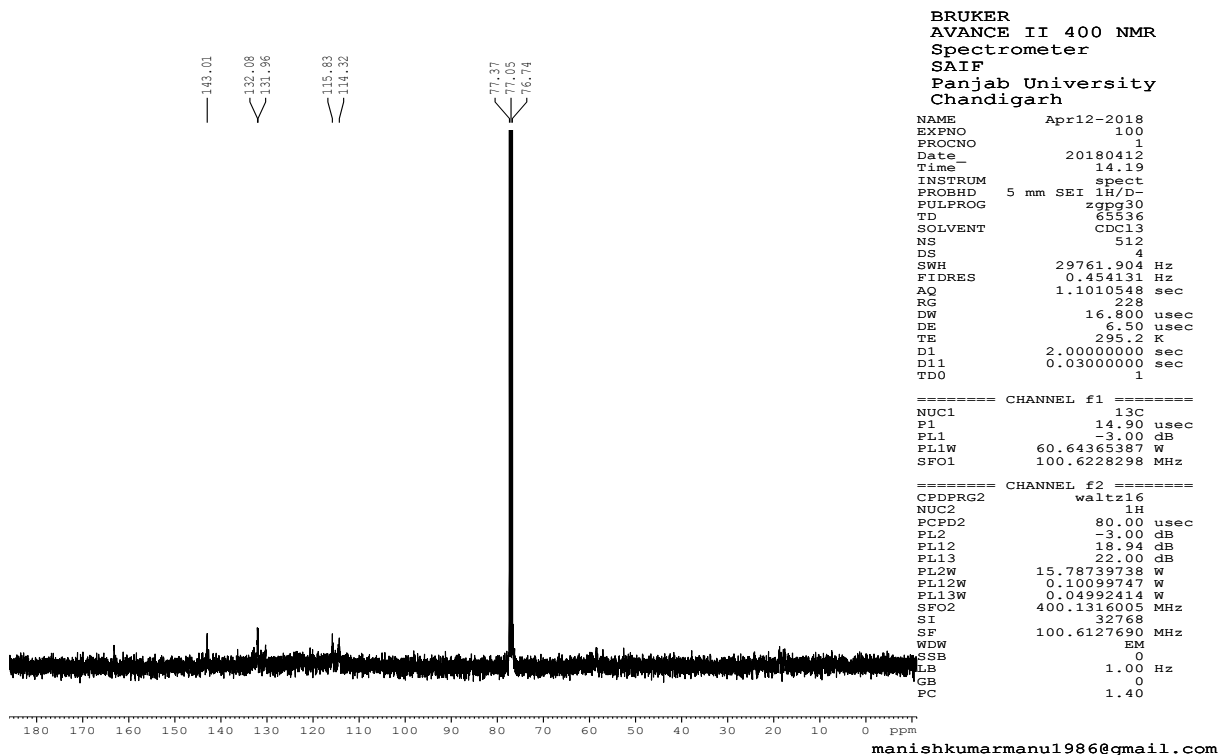


Figure S17. ^{13}C Spectrum of 6e

WATERS, Q-TOF MICROMASS (ESI-MS)
AKSHPREET KCQ-1 18 (0.334) Cm (15:23-36:57)

SAIF/CIL,PANJAB UNIVERSITY,CHANDIGARH
TOF MS ES+
6.45e3

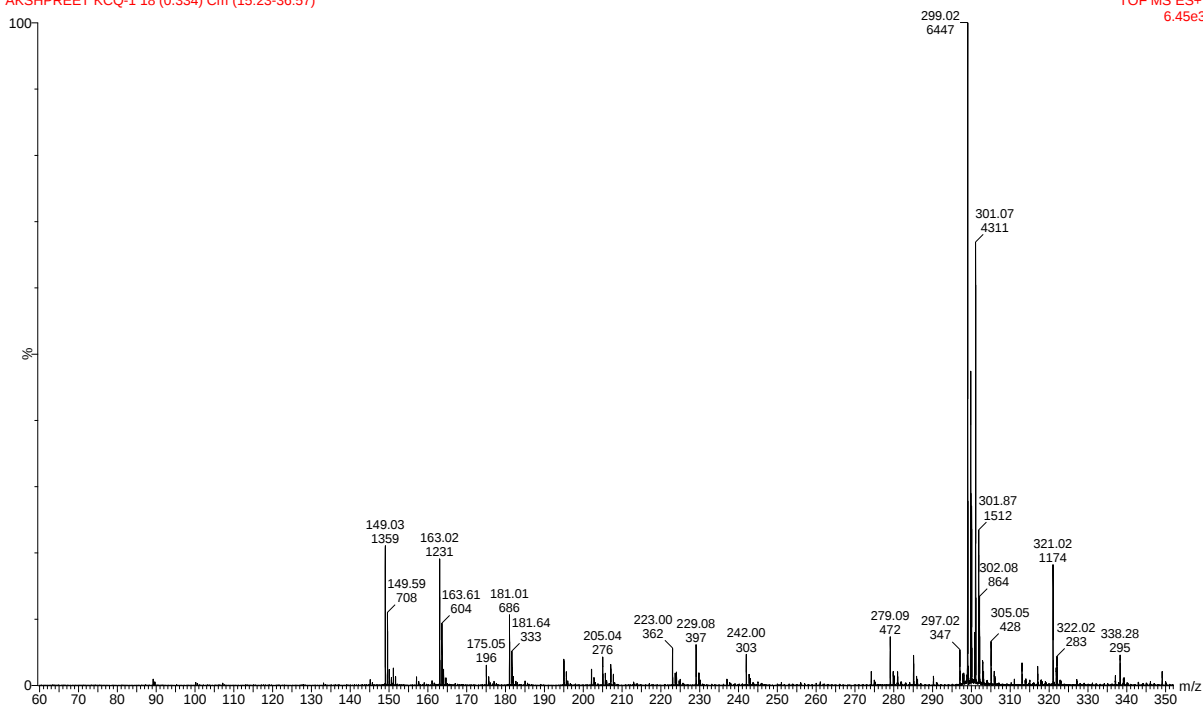


Figure S18. Mass spectrum of 5a

WATERS, Q-TOF MICROMASS (ESI-MS)
AKSHPREET KCR-1 16 (0.297) Cm (14:16)

SAIF/CIL,PANJAB UNIVERSITY,CHANDIGARH
TOF MS ES+
1.74e3

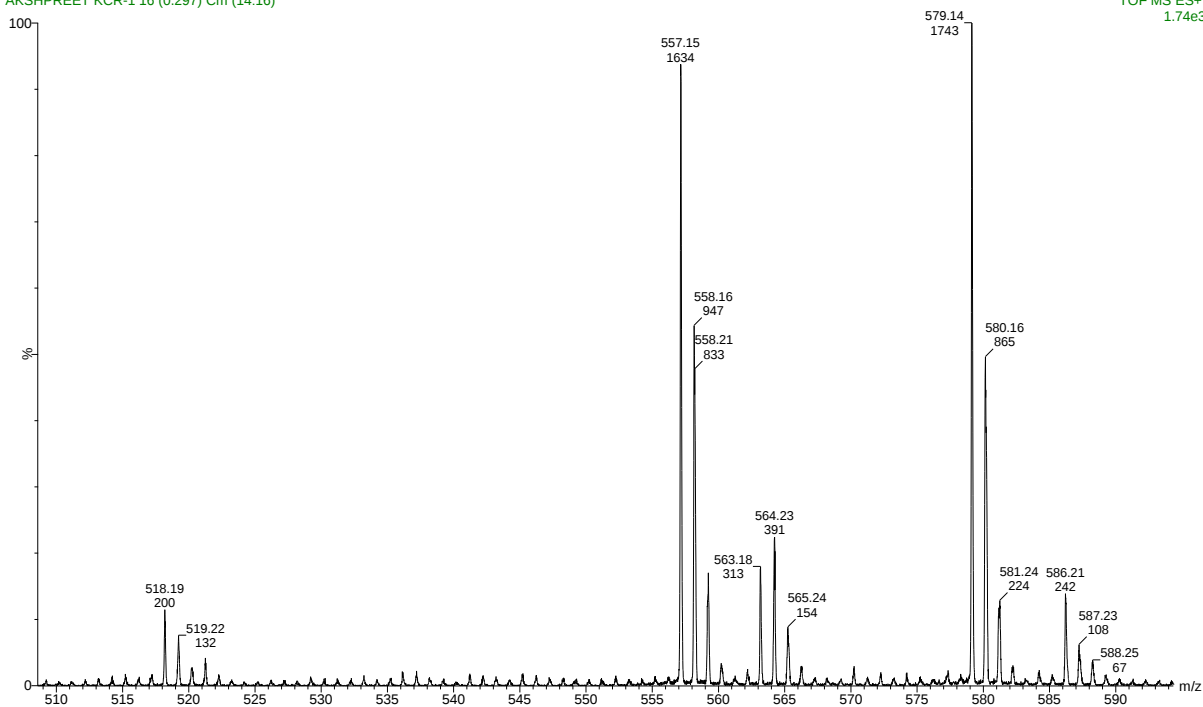


Figure S19. Mass spectrum of 6a