

Supplementary Material

Bio-potency and molecular docking studies of isolated compounds from *Grewia optiva* J.R. Drumm. ex Burret

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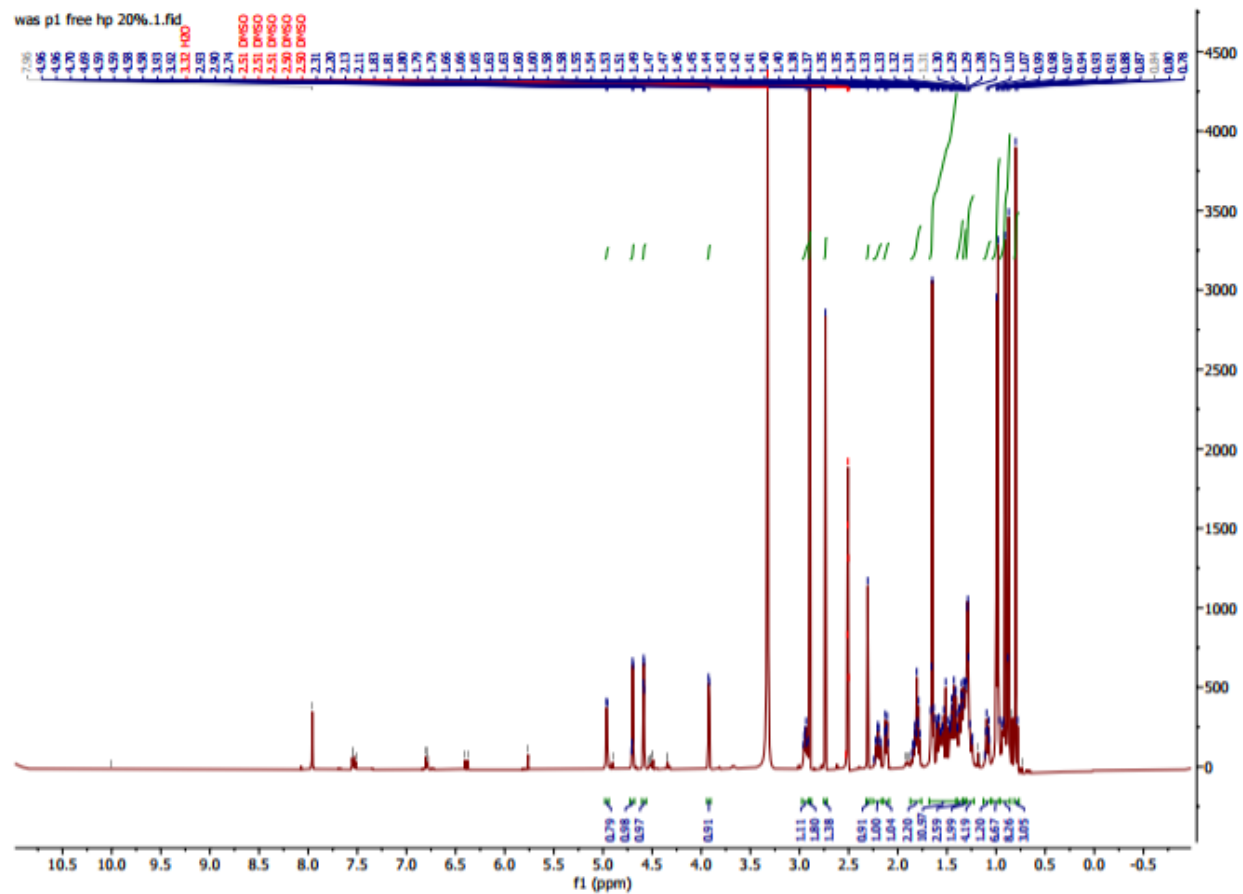


Figure S1: Proton NMR of compound IX

was p1 free hp 20%.2.fid

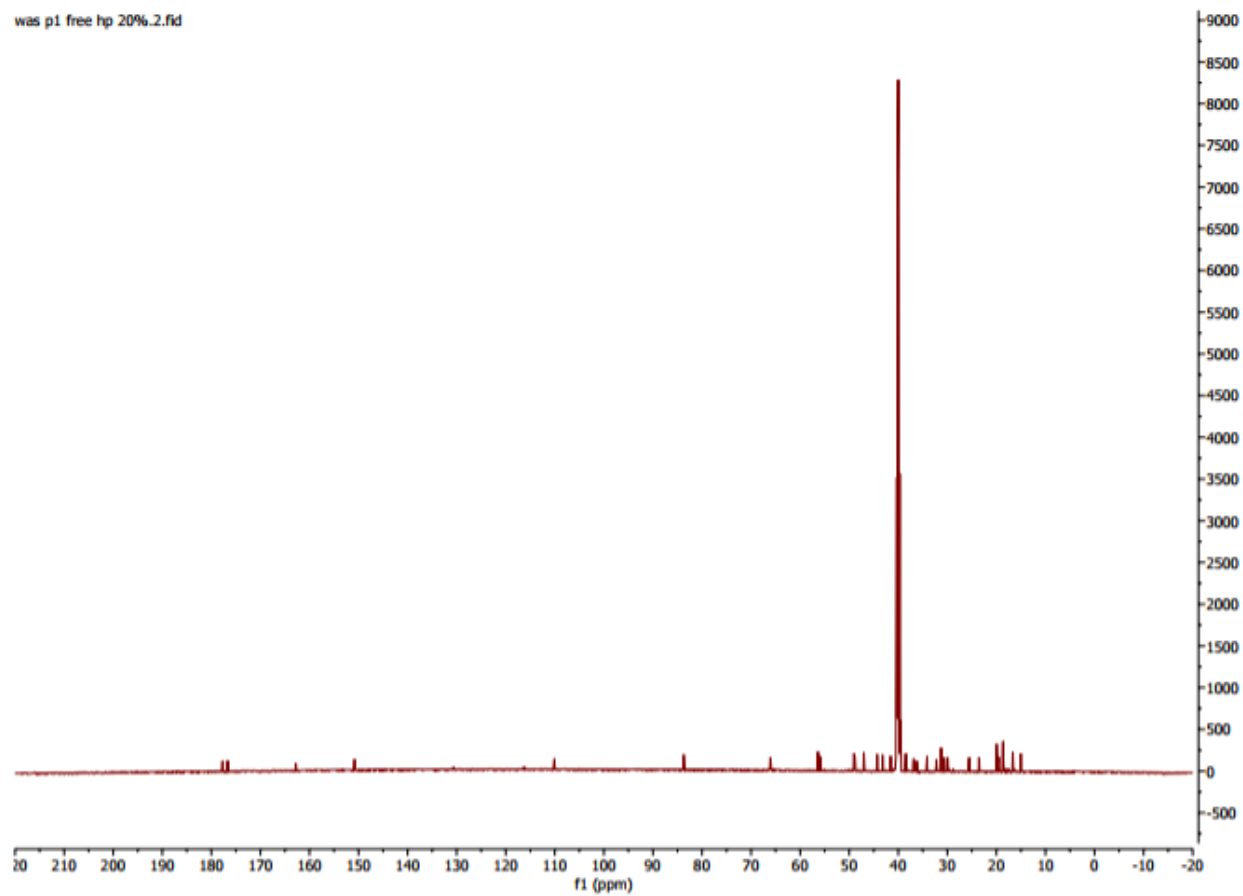


Figure S2: Carbon-13 NMR of compound **IX**

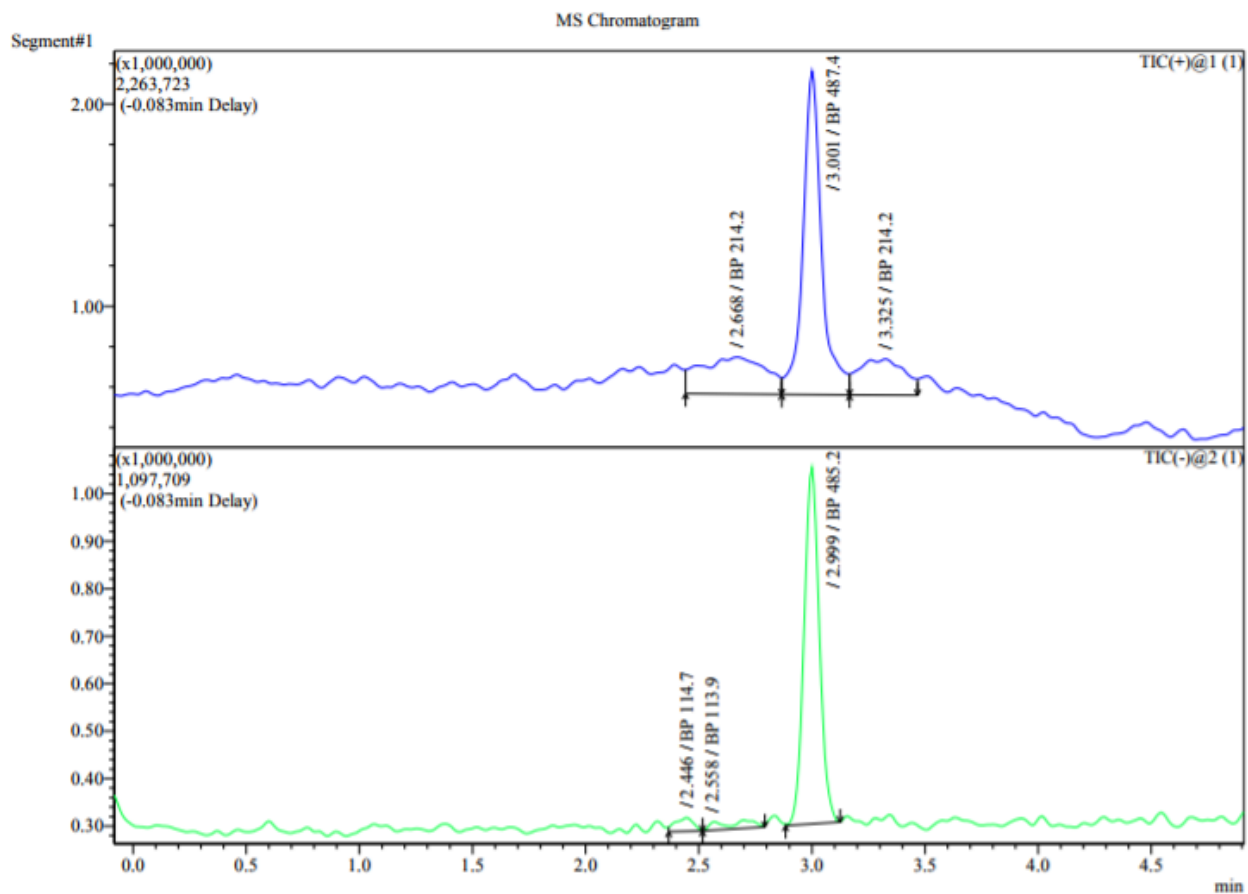


Figure S3: LC-MS chromatogram of compound IX

wasim 21.1.fid
Proton

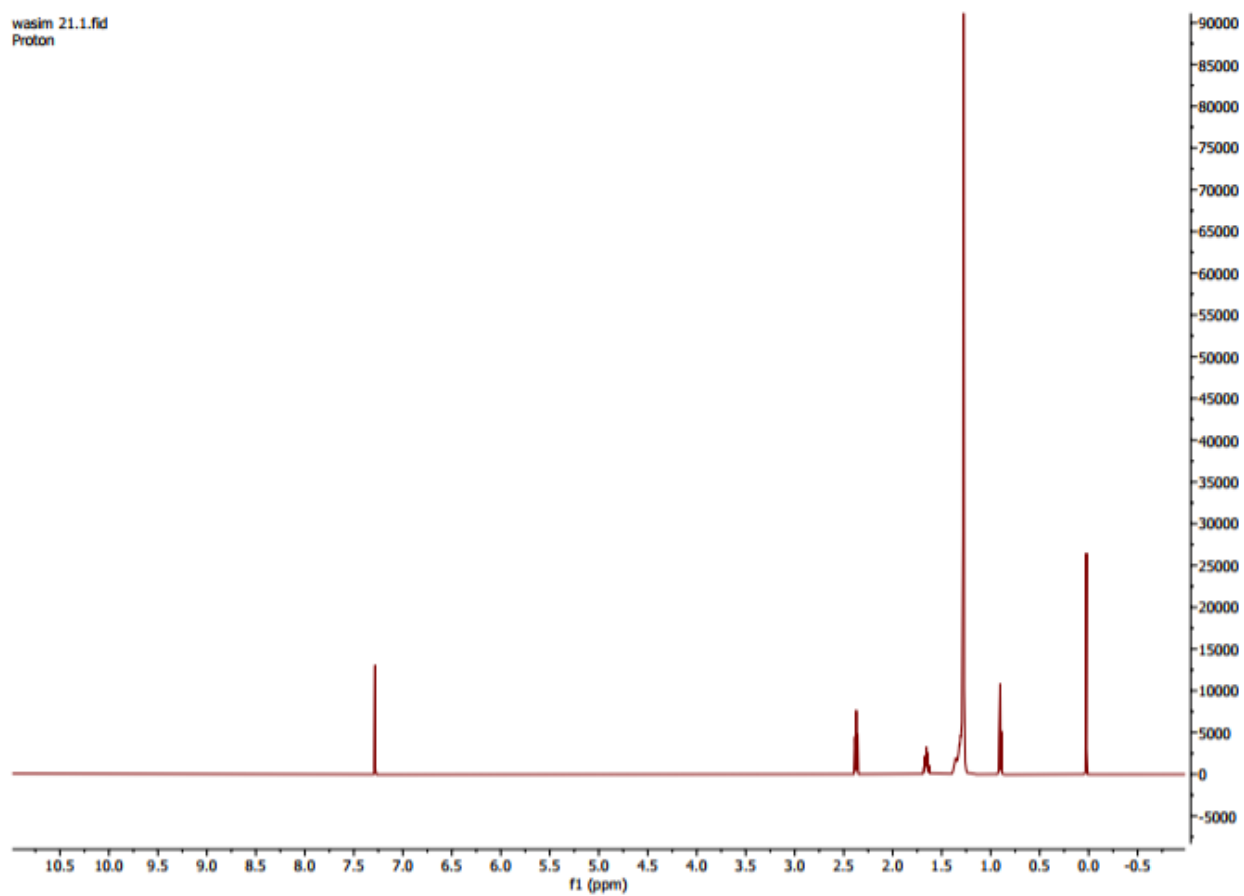


Figure S4: Proton NMR of compound X

wasim 21.6.fid
C13

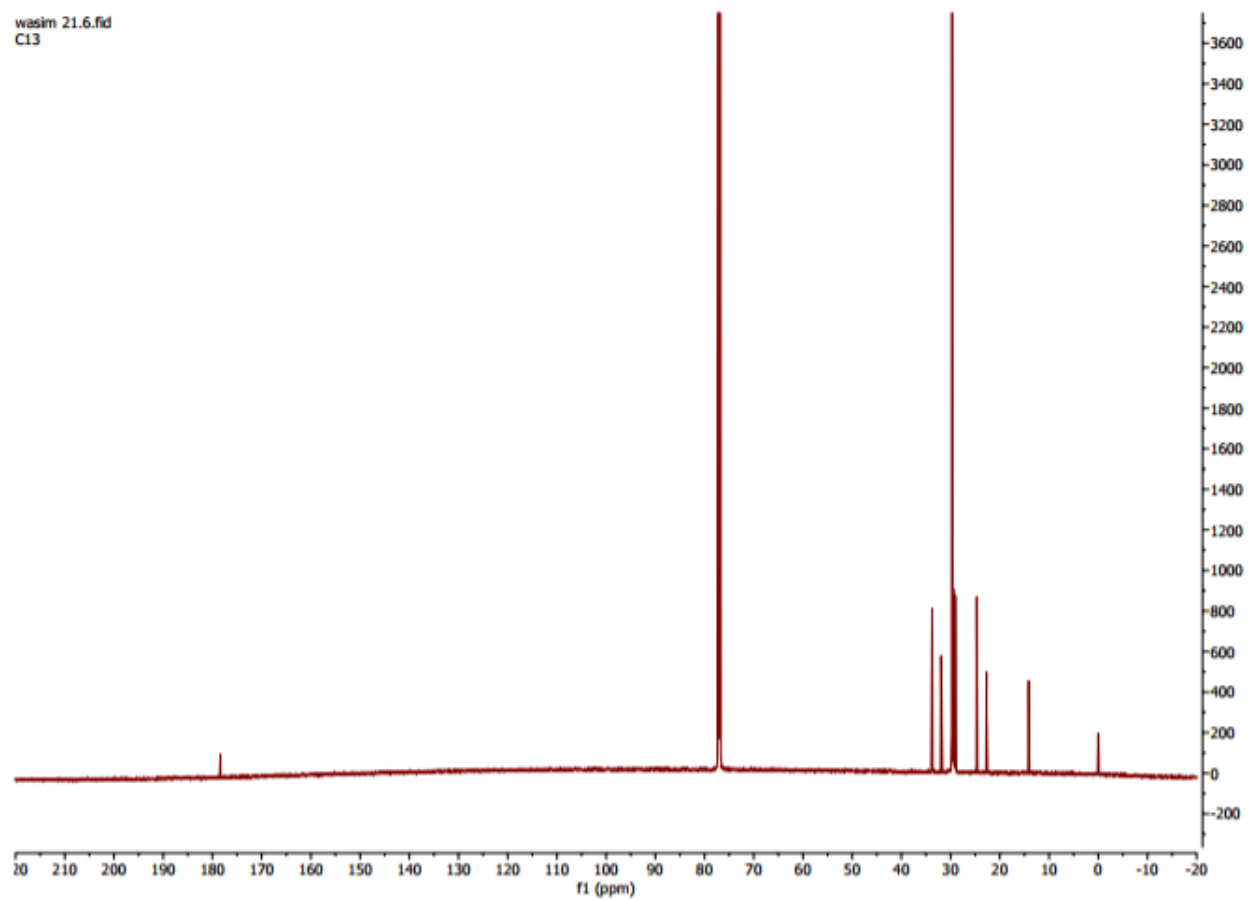


Figure S5: Carbon-13 NMR of compound X

Dr. Najeeb/17A/DMSO
PROTON

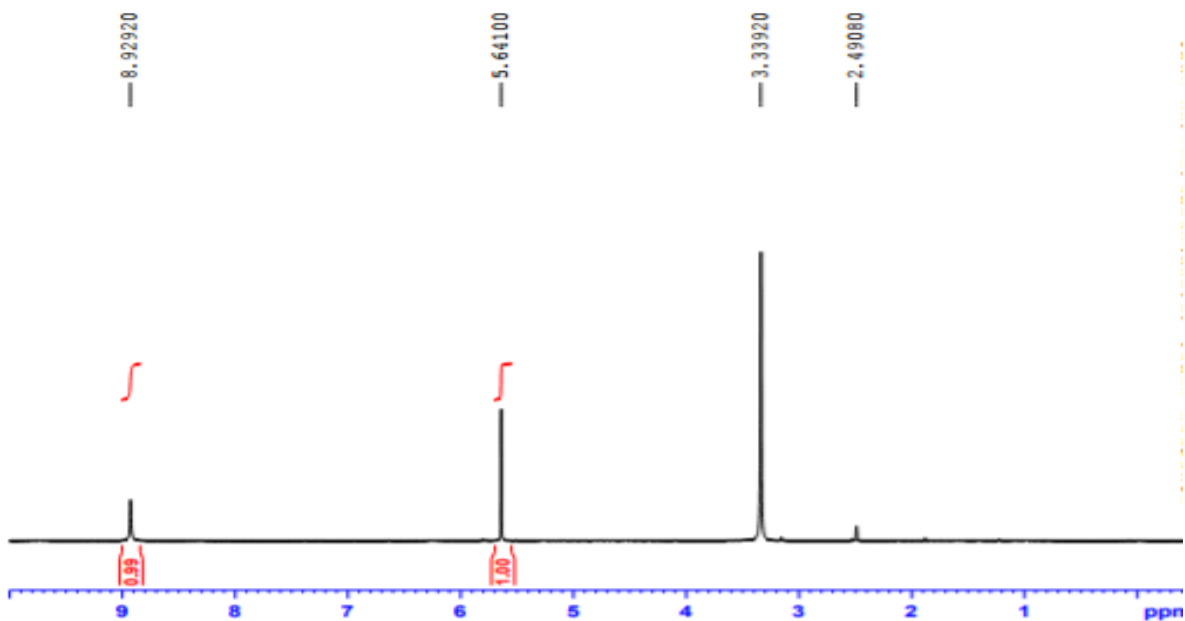


Figure S6: Proton NMR of compound XI

Dr. Najeeb/17A/DMSO
C13CPD

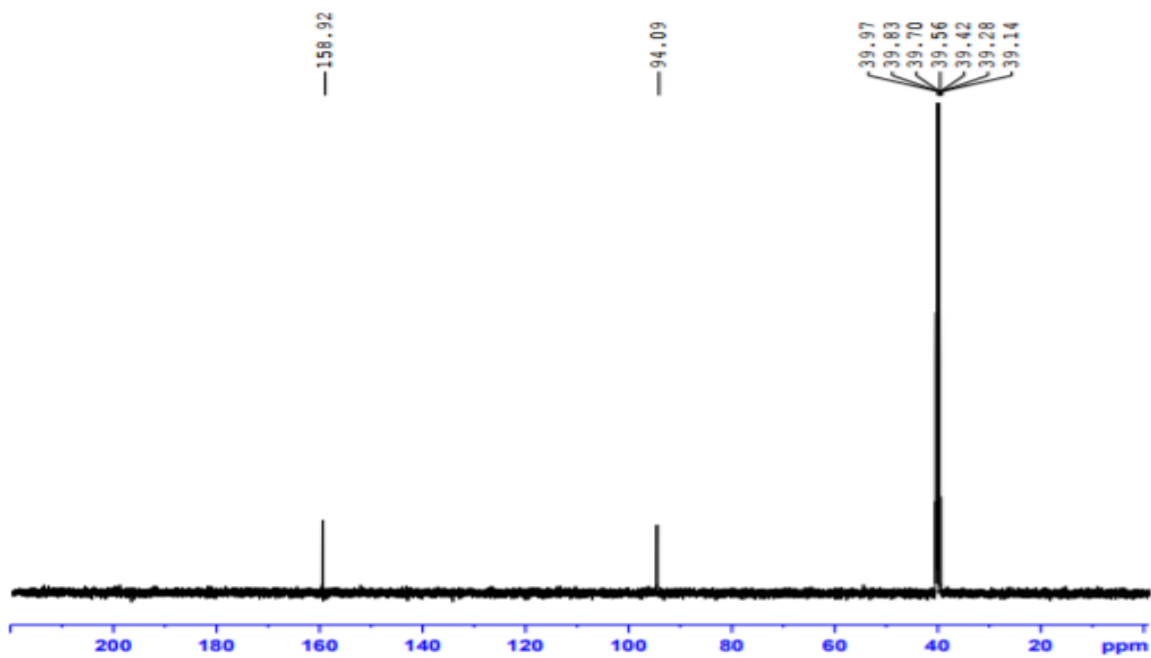


Figure S7: Carbon-13 NMR of compound XI

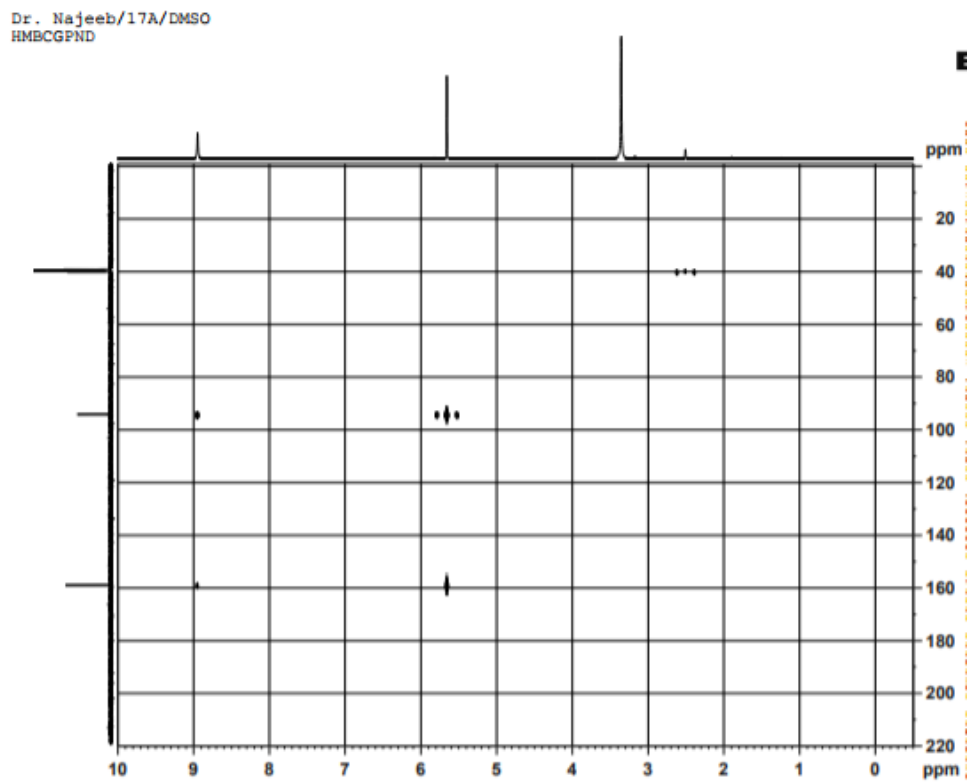


Figure S8: HMBC of compound XI

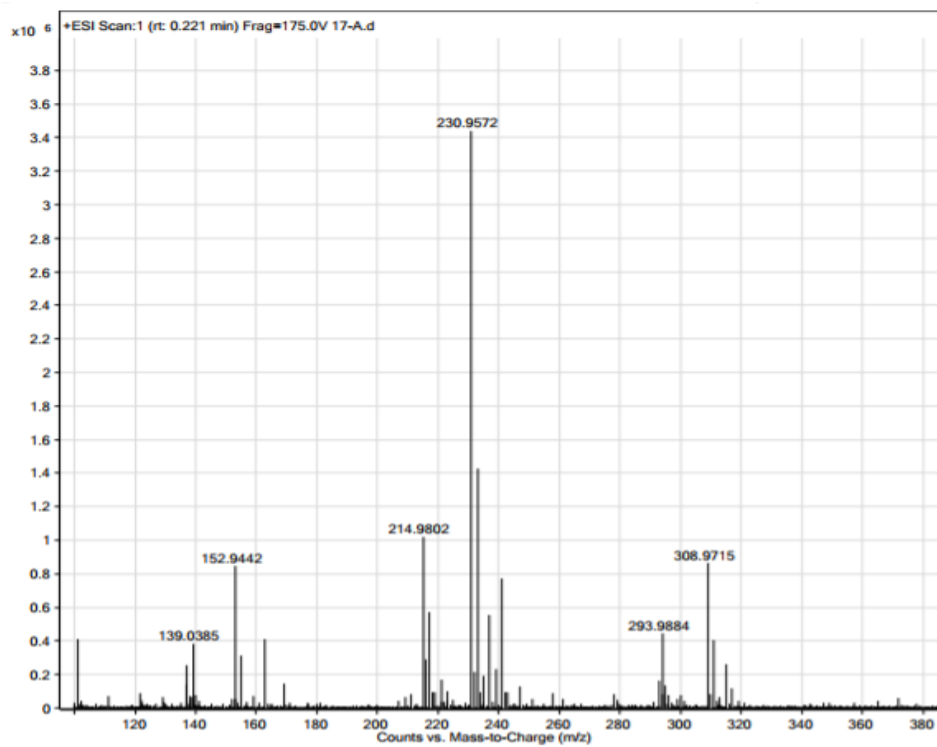
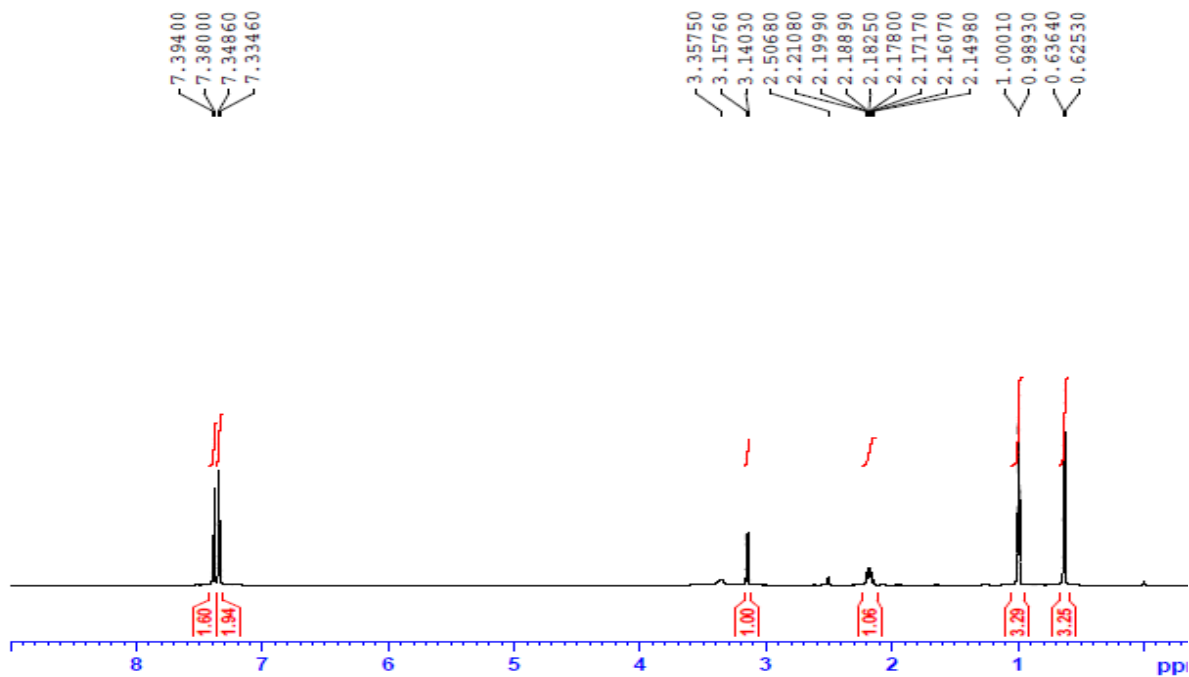


Figure S9: Mass spectra of compound XI

wasim p22



wasim p22

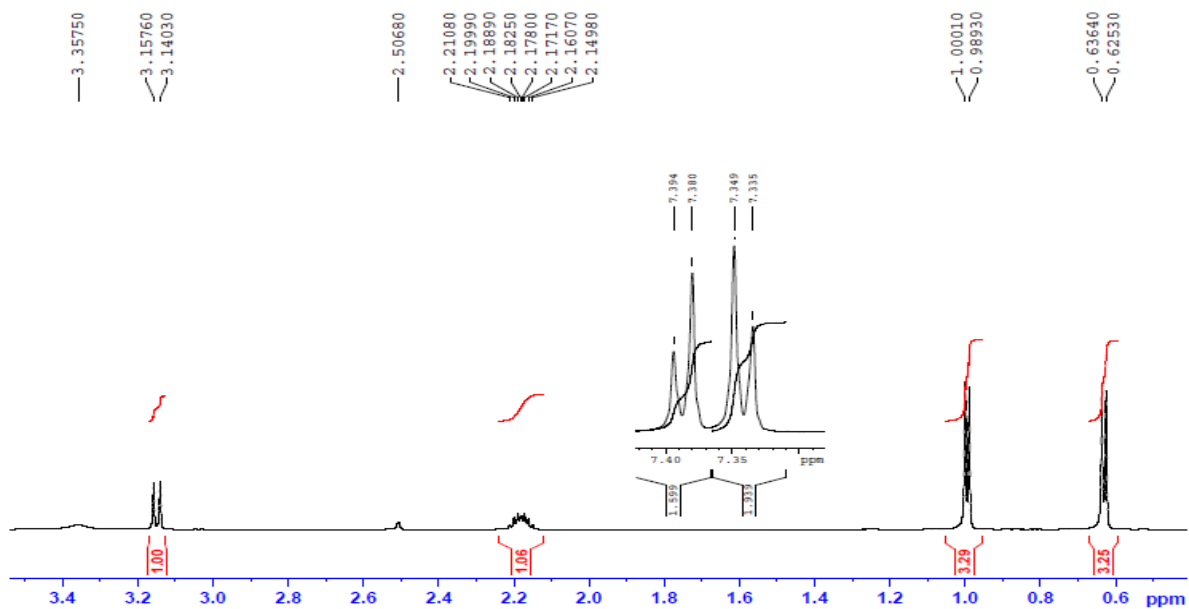


Figure S10: Proton NMR of compound XII

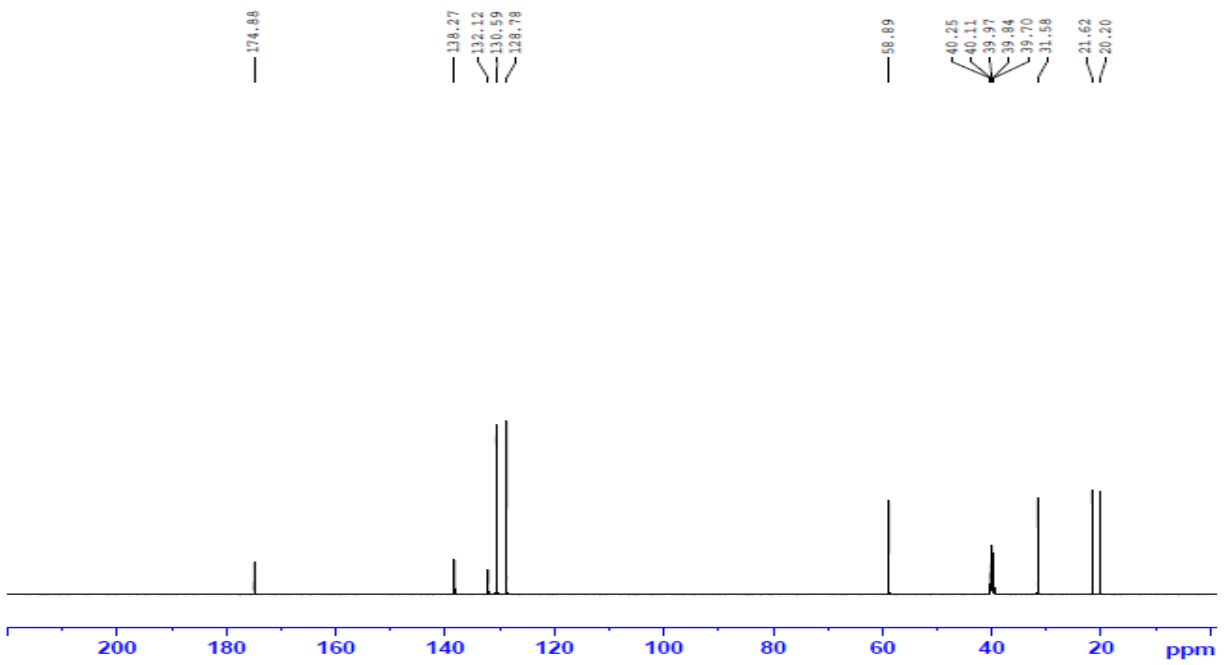
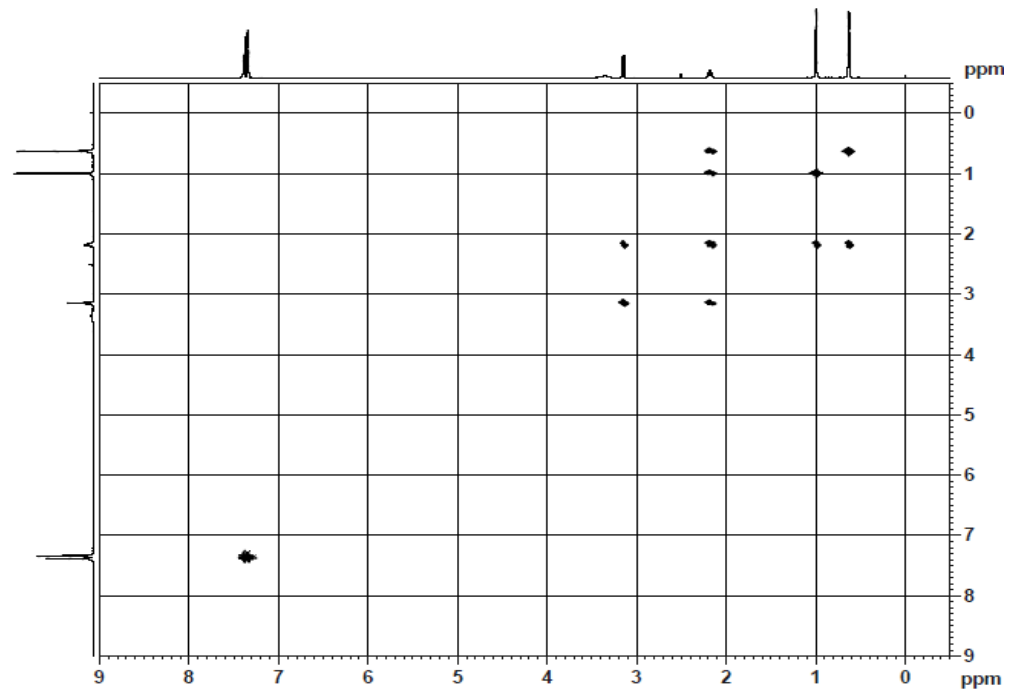


Figure S11: Carbon-13 NMR of compound XII

wasim p22



wasim p22

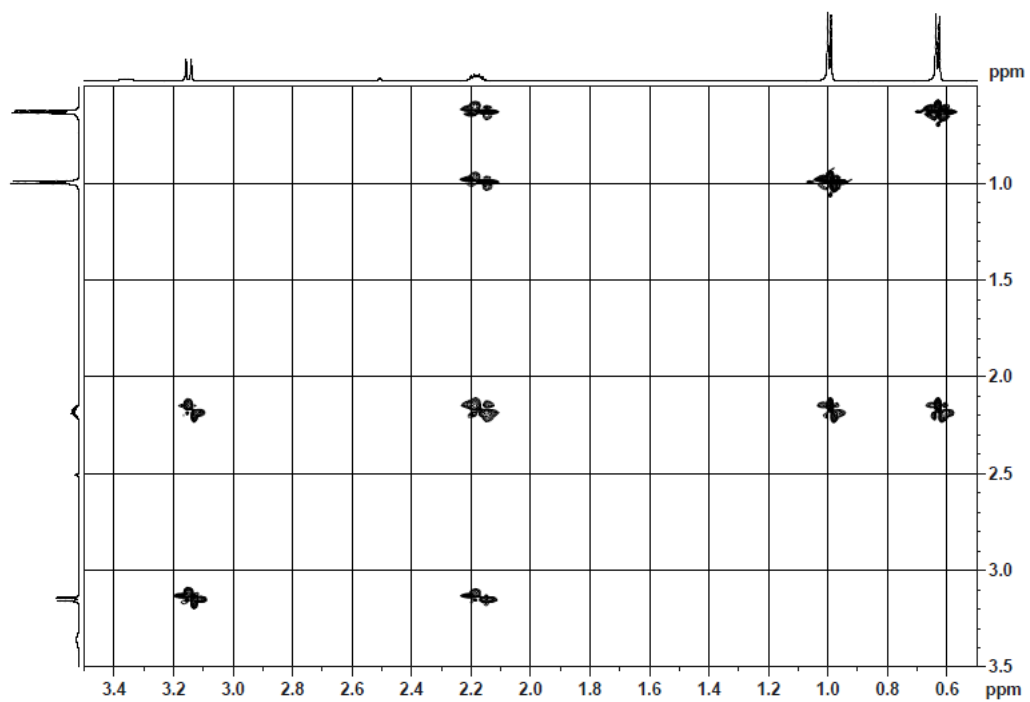
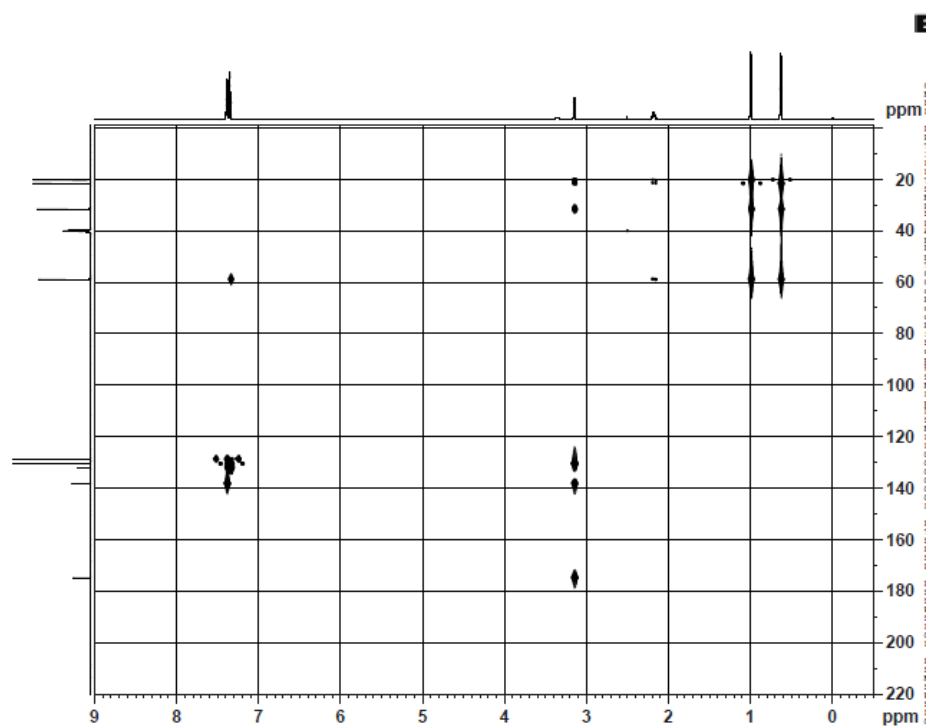


Figure S12: COSY correlation of compound XII

wasim p22



wasim p22

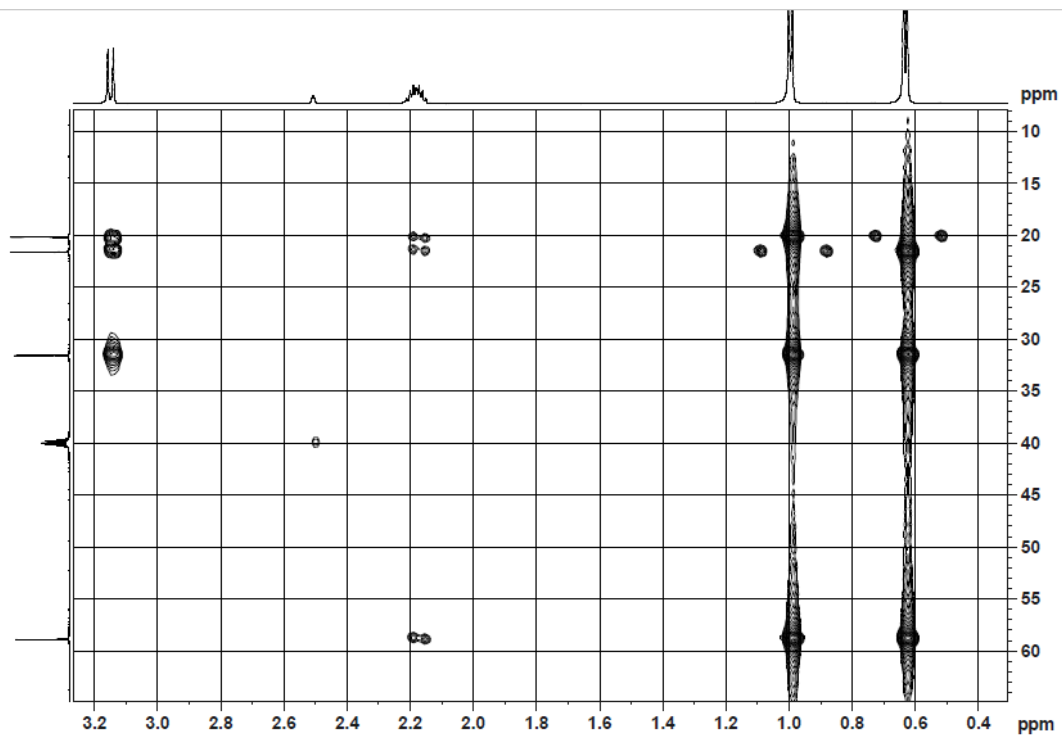
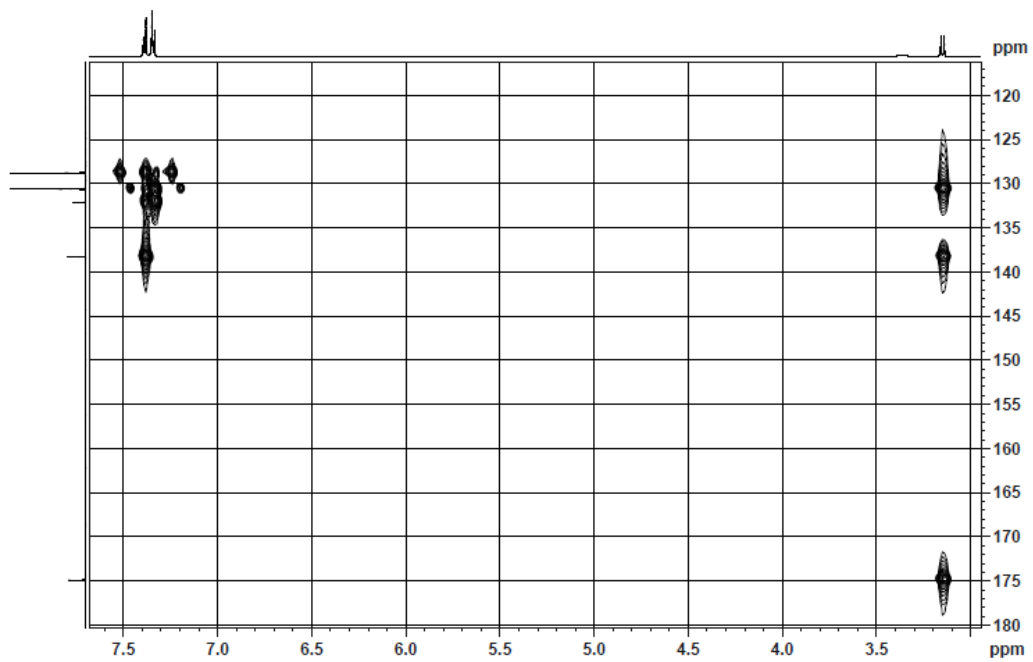


Figure S13: HMBC correlation of compound XII