

Supporting Information

Bioactive Constituents from the Roots of *Eurycoma longifolia*

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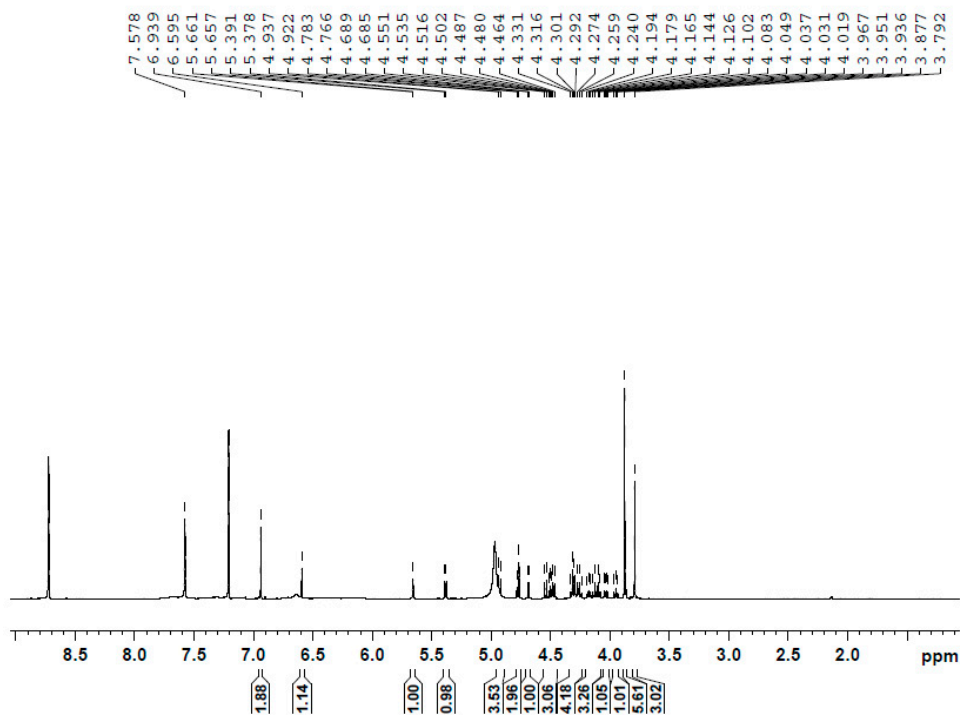
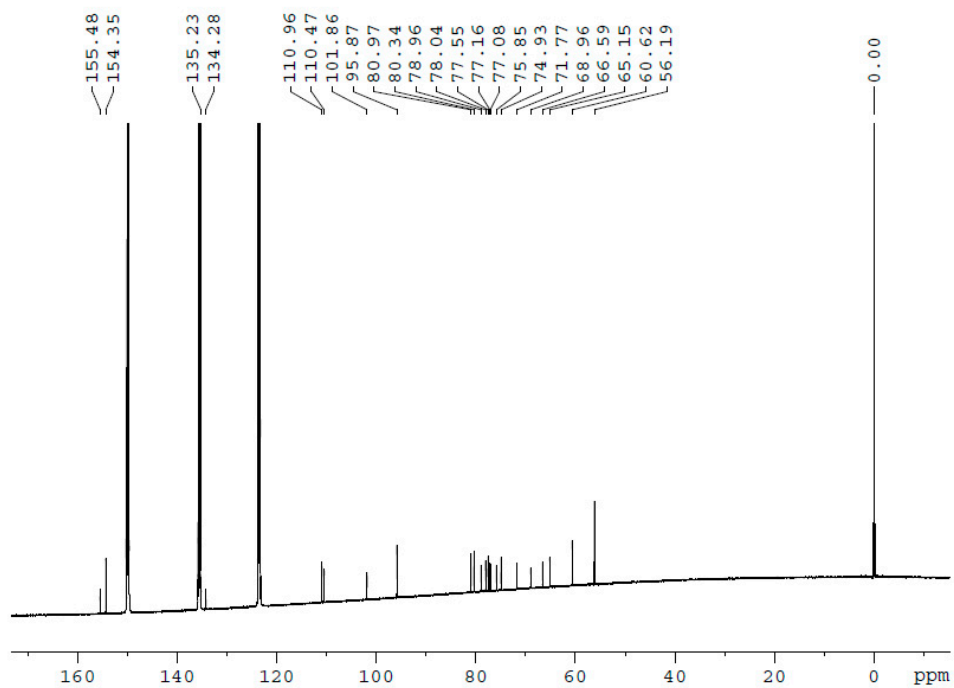
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Figure S1 ¹H NMR (600 MHz, C₅D₅N) spectrum of compound 1Figure S2 ¹³C NMR (150 MHz, C₅D₅N) spectrum of compound 1

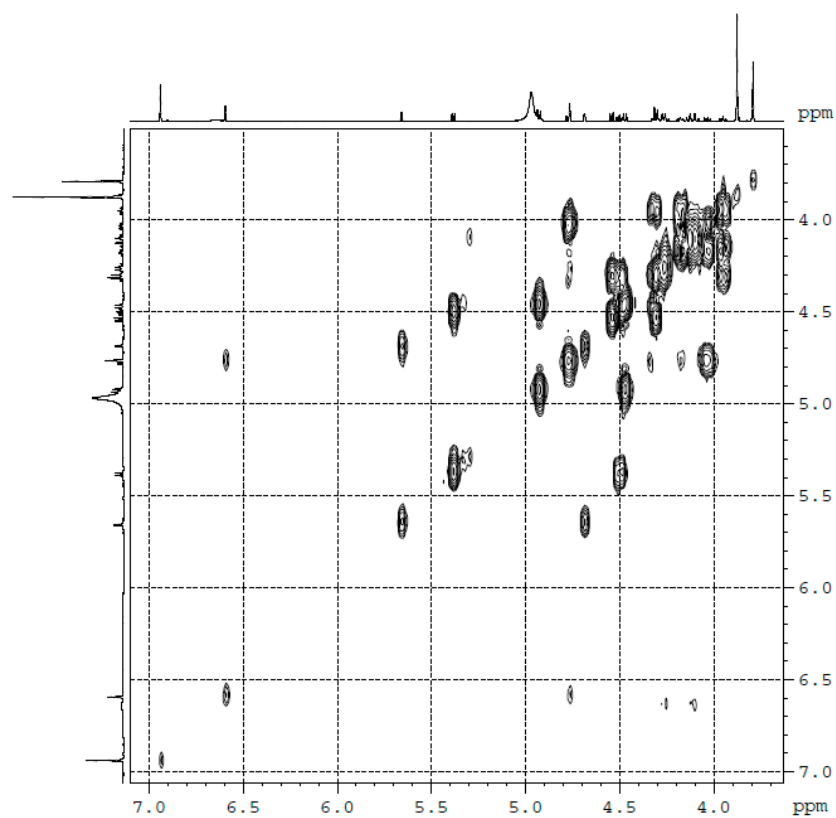


Figure S3 ^1H ^1H COSY ($\text{C}_5\text{D}_5\text{N}$) spectrum of compound 1

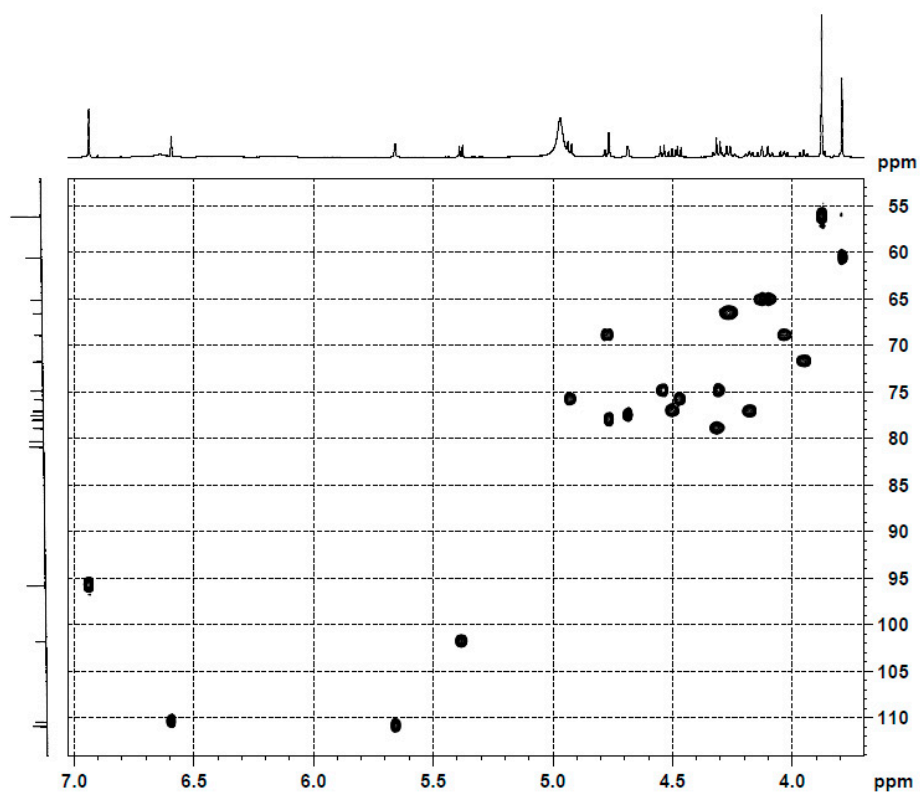


Figure S4 HSQC ($\text{C}_5\text{D}_5\text{N}$) spectrum of compound 1

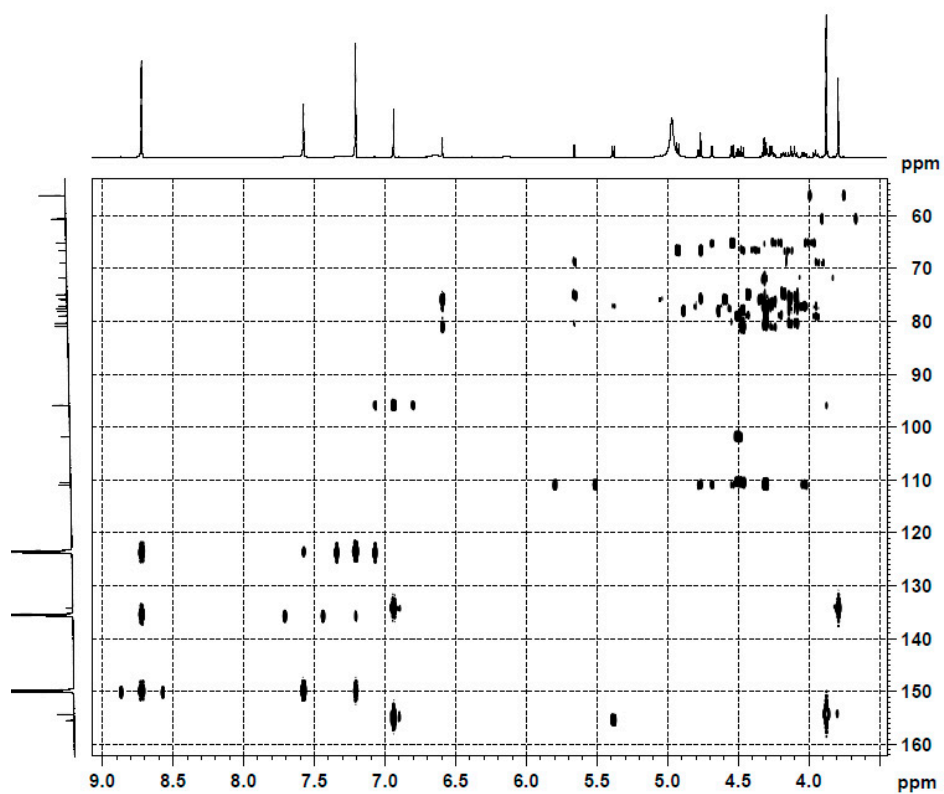


Figure S5 HMBC (C_5D_5N) spectrum of compound 1

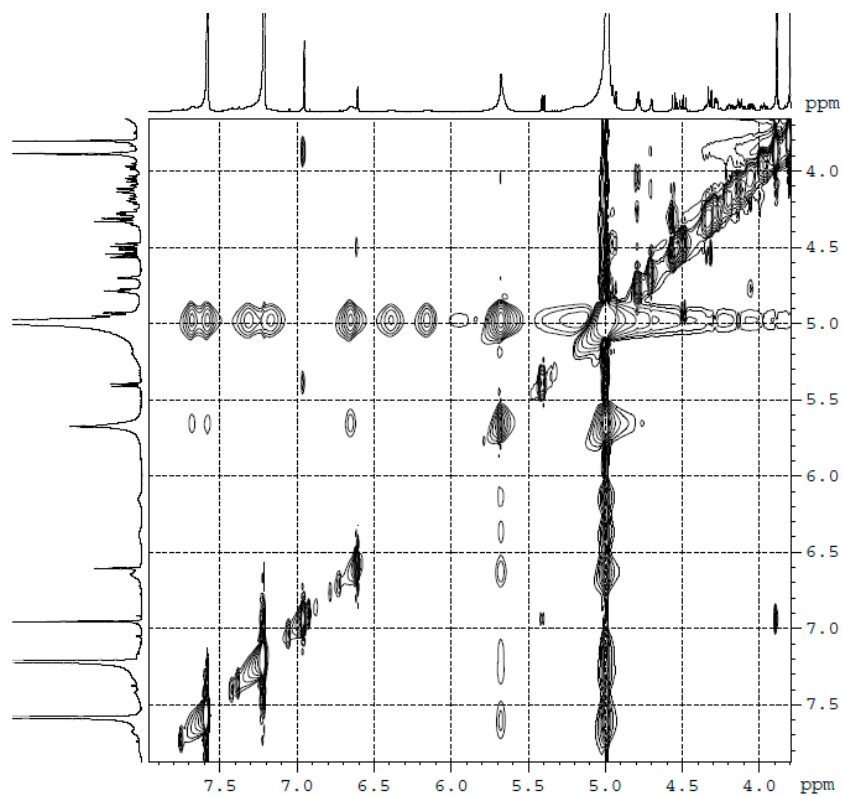


Figure S6 NOESY (C_5D_5N) spectrum of compound 1

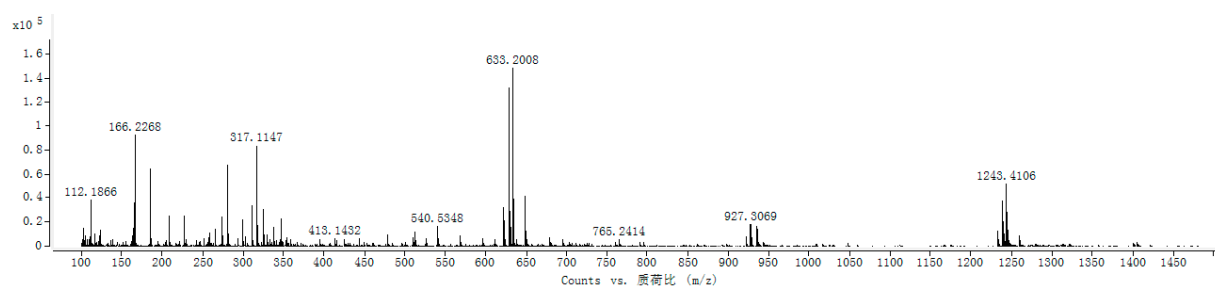
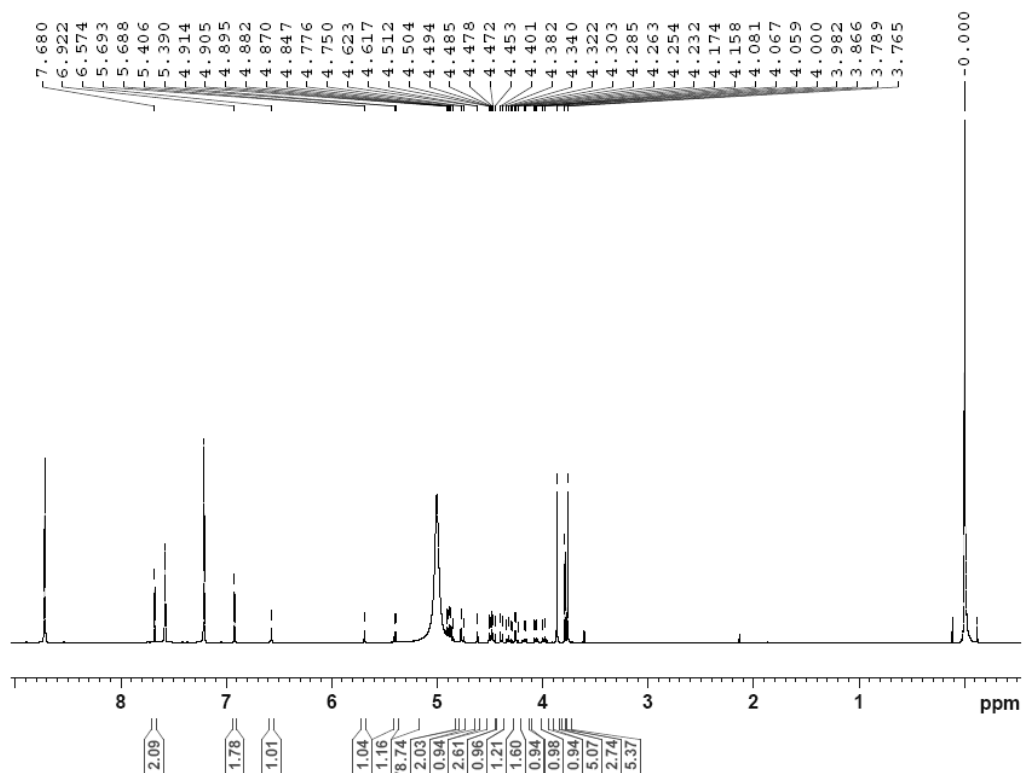
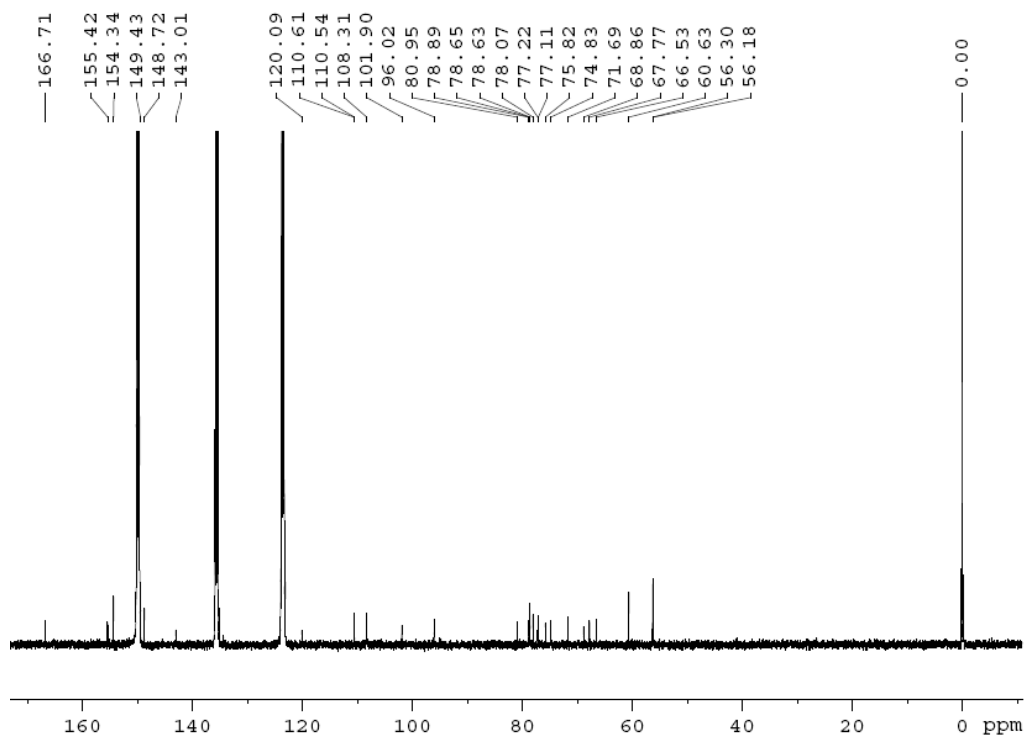


Figure S7 HRESI-TOF-MS spectrum of compound 1

Figure S8 ¹H NMR (500 MHz, C₅D₅N) spectrum of compound 2Figure S9 ¹³C NMR (125 MHz, C₅D₅N) spectrum of compound 2

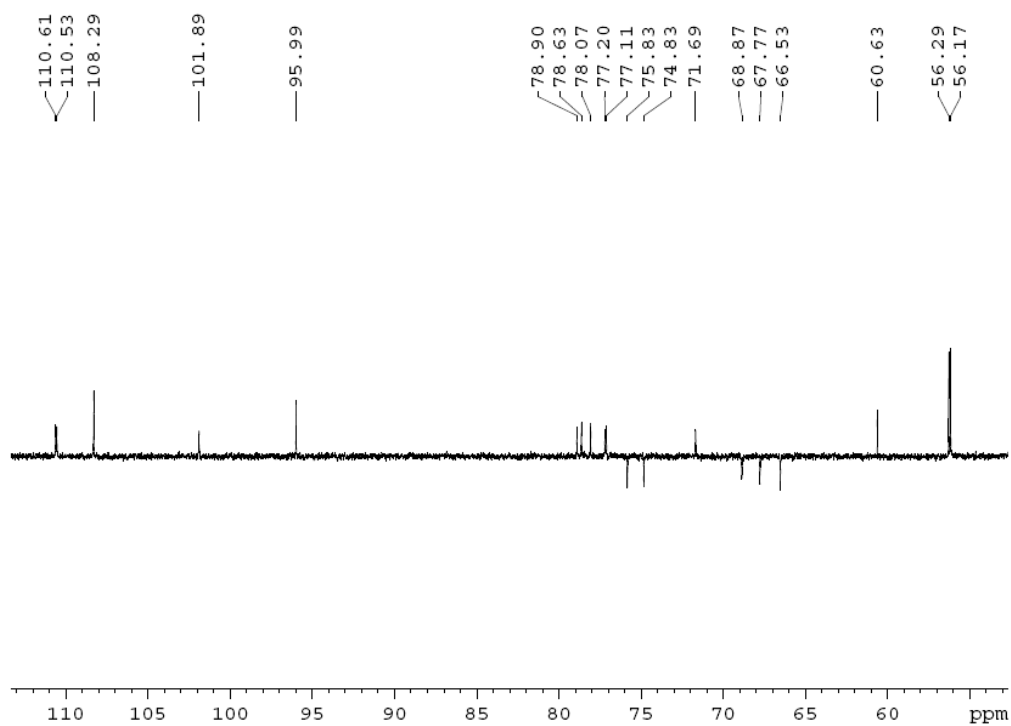


Figure S10 DEPT 135 (C_5D_5N) spectrum of compound 2

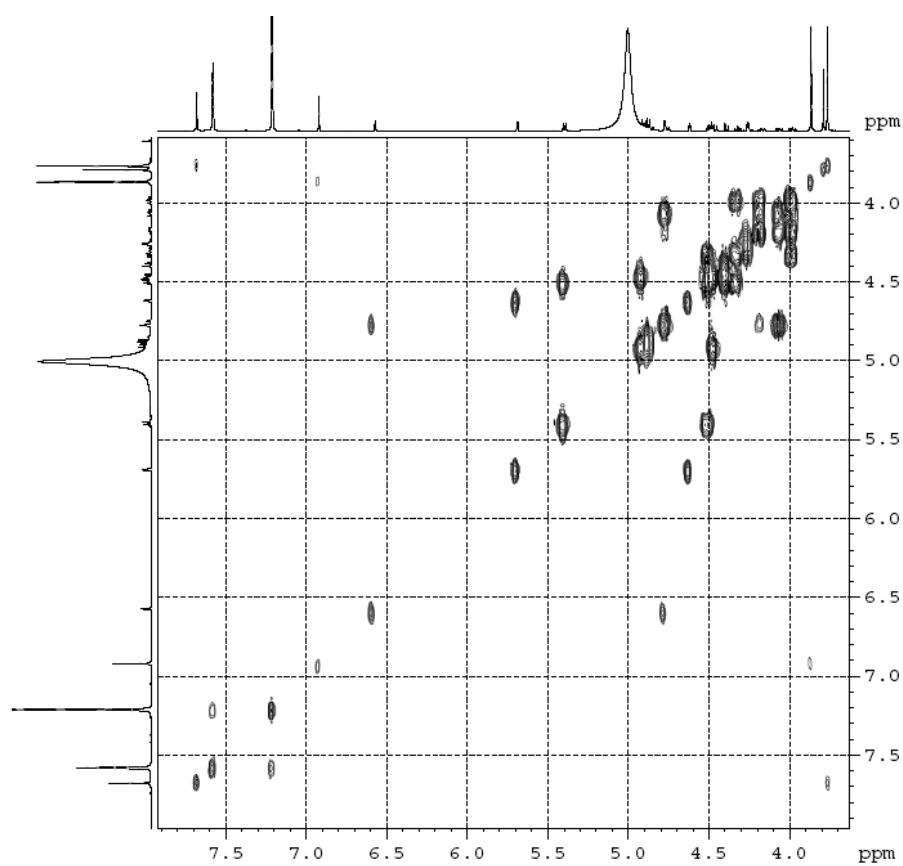


Figure S11 1H - 1H COSY (C_5D_5N) spectrum of compound 2

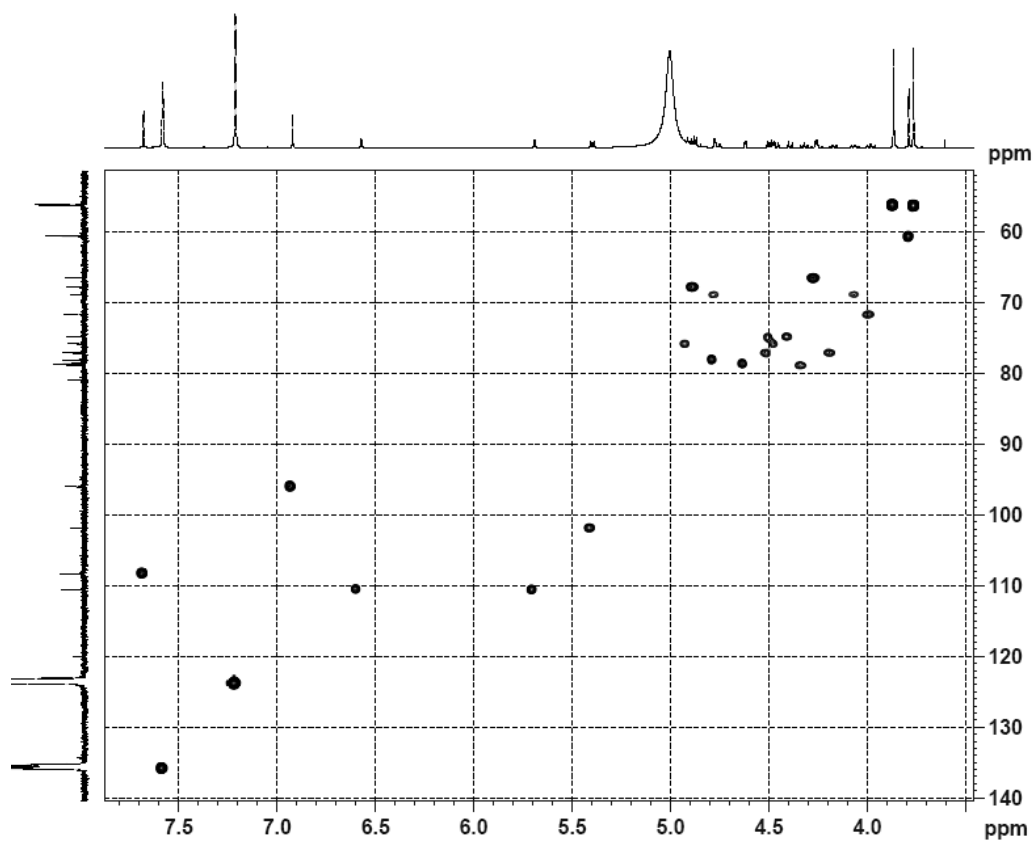
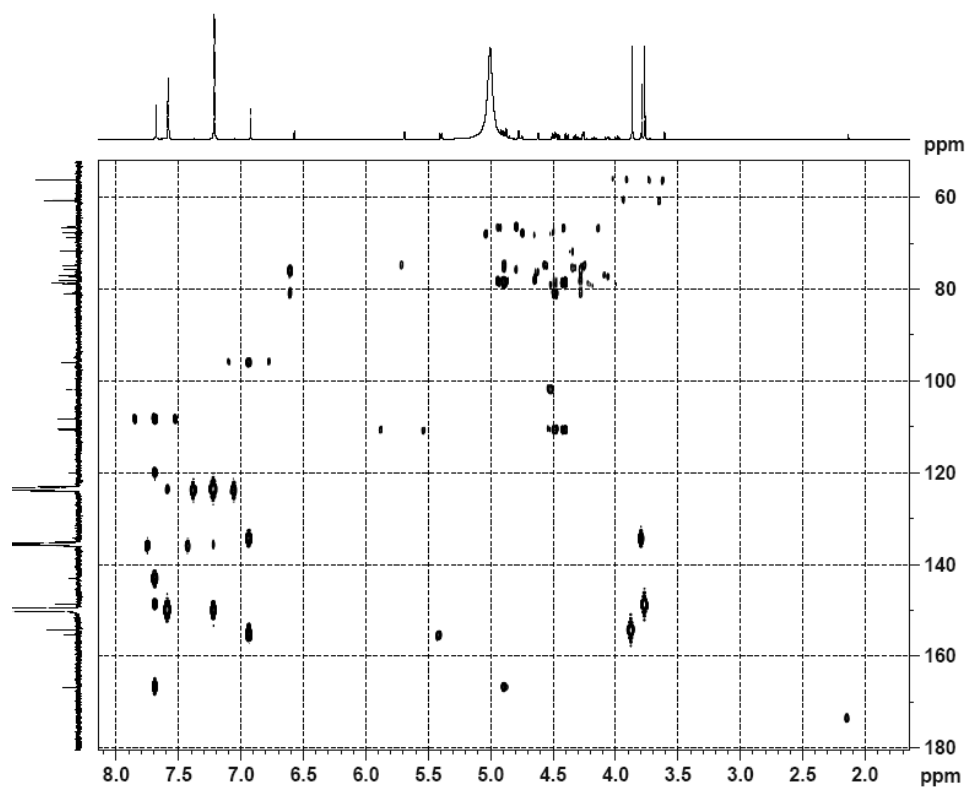
Figure S12 HSQC (C_5D_5N) spectrum of compound 2

Figure S13 HMBC (C_5D_5N) spectrum of compound 2

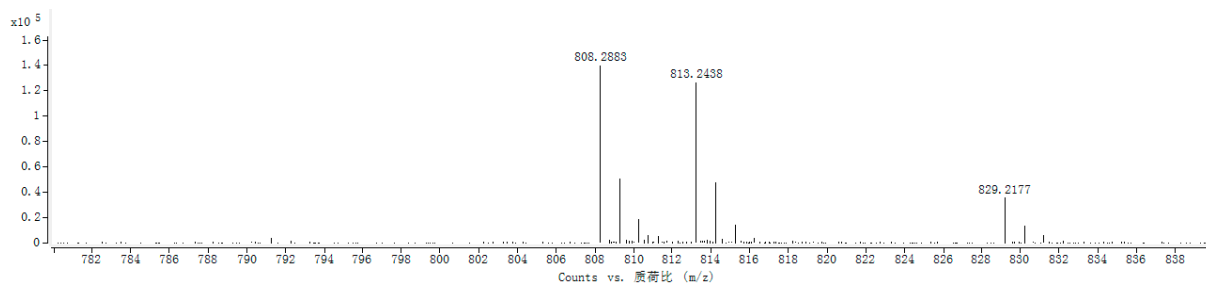


Figure S14 HRESI-TOF-MS spectrum of compound 2

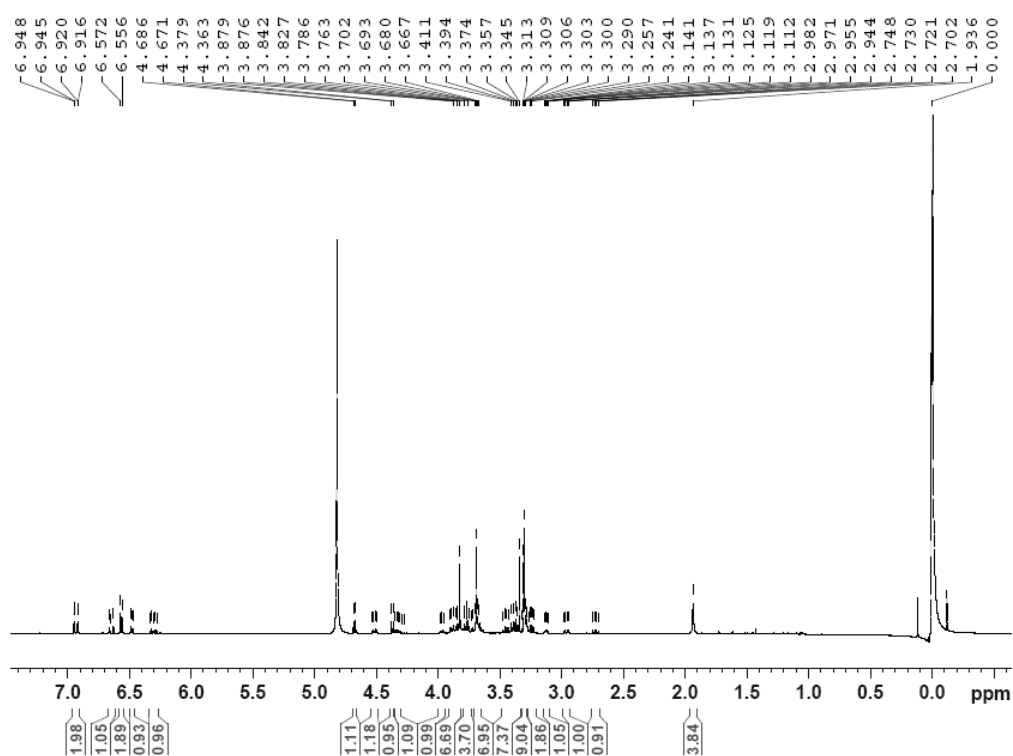


Figure S15 ^1H NMR (500 MHz, CD_3OD) spectrum of compound 3

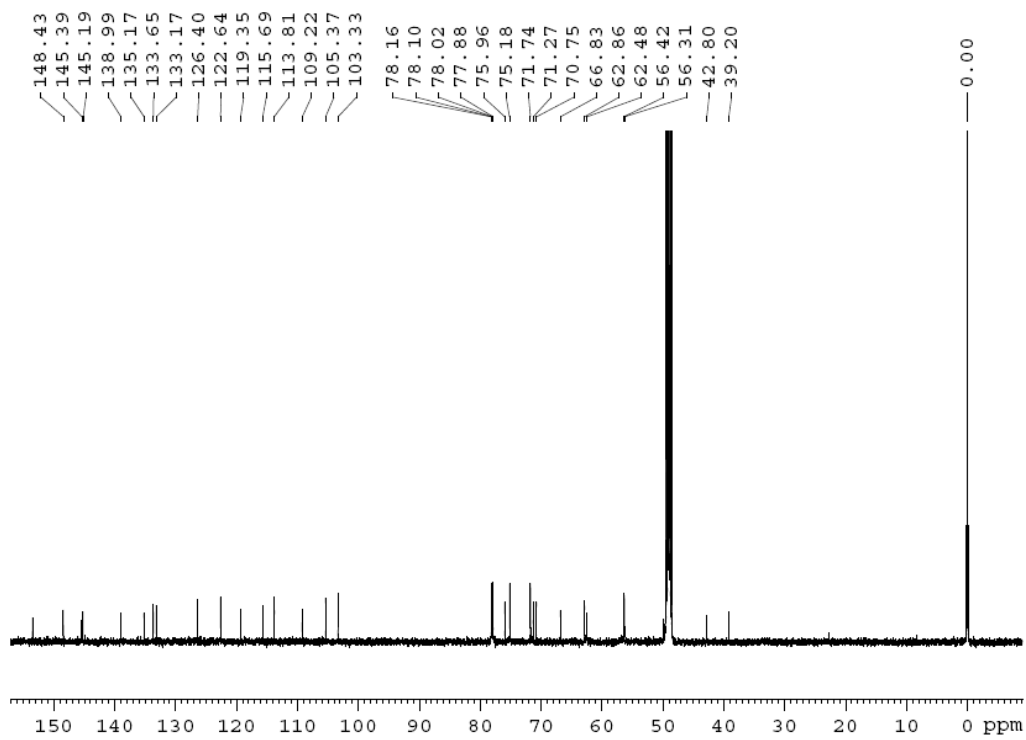


Figure S16 ^{13}C NMR (125 MHz, CD_3OD) spectrum of compound 3

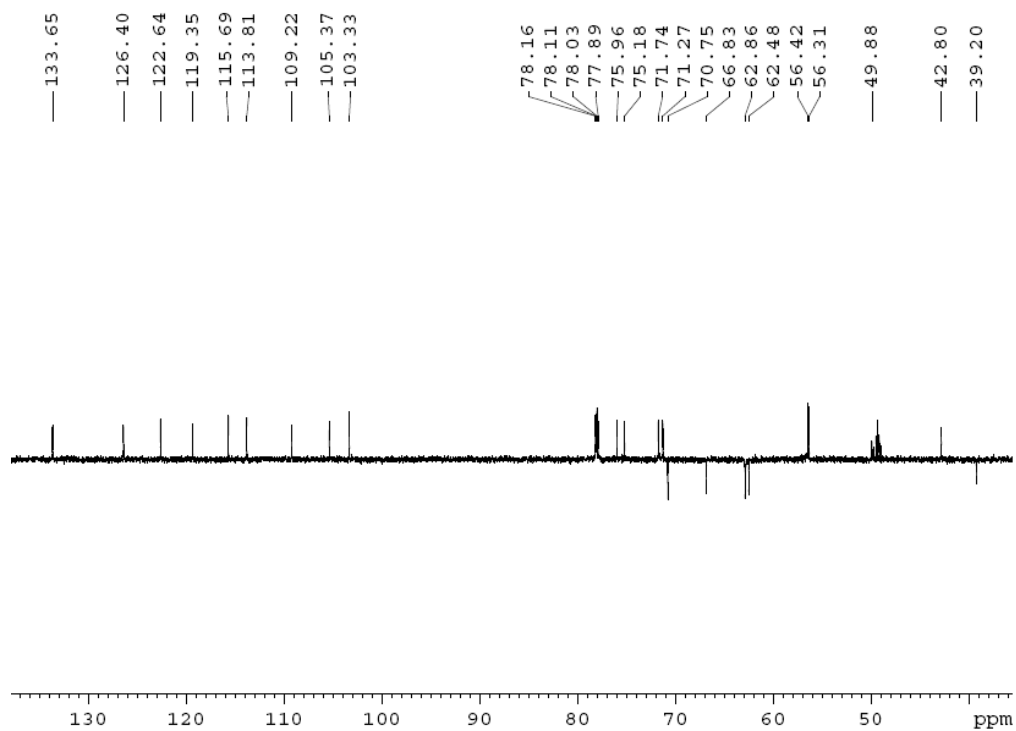
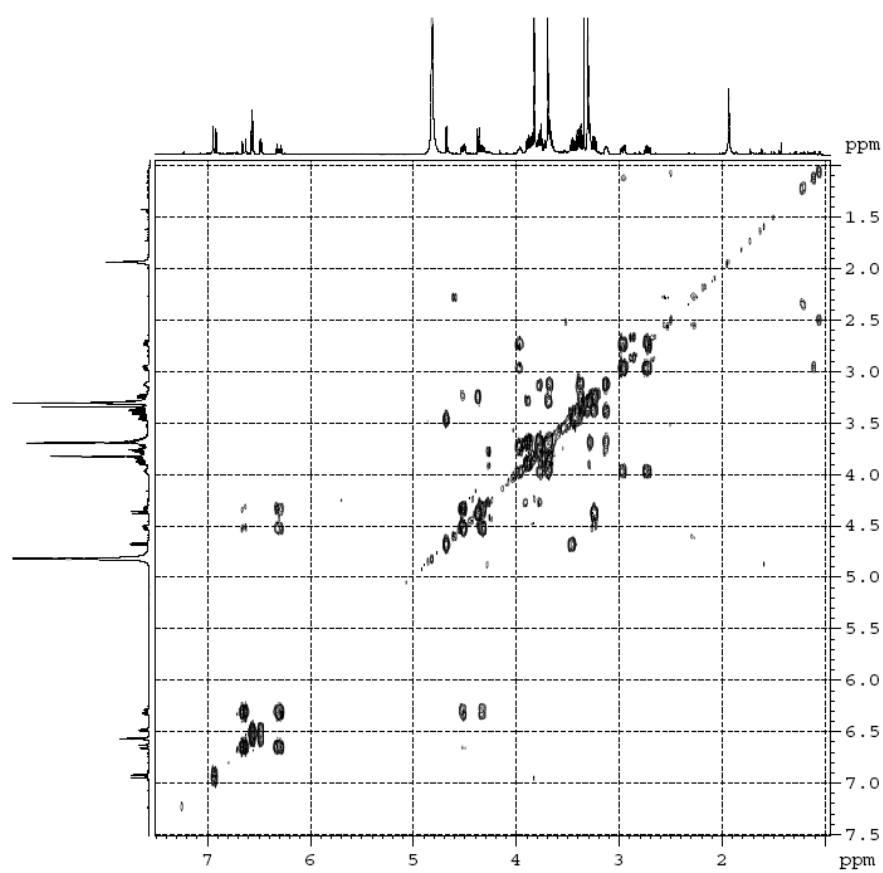
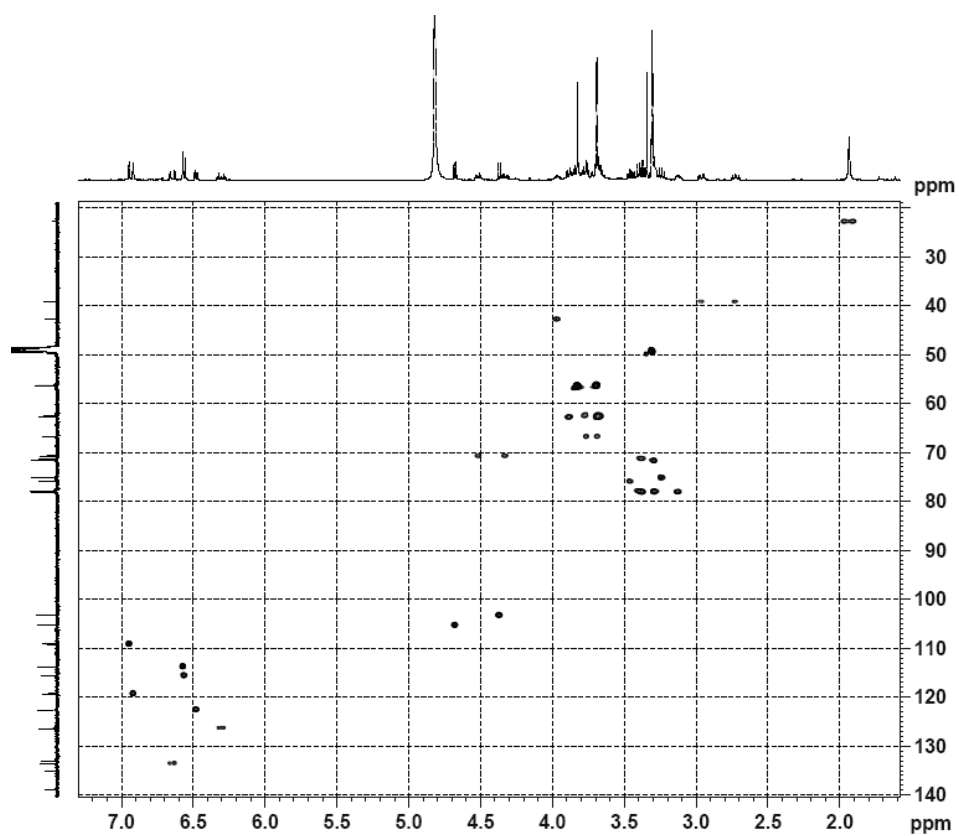
Figure S17 DEPT 135 (CD₃OD) spectrum of compound 3

Figure S18 ^1H ^1H COSY (CD_3OD) spectrum of compound 3**Figure S19** HSQC (CD_3OD) spectrum of compound 3

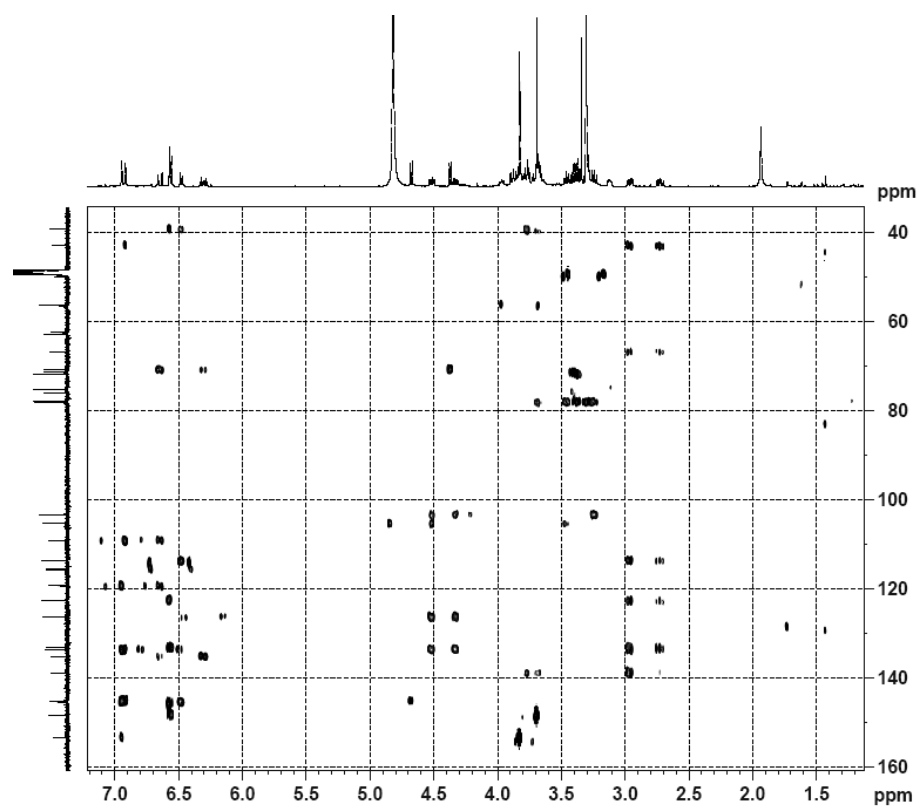


Figure S20 HMBC (CD₃OD) spectrum of compound 3

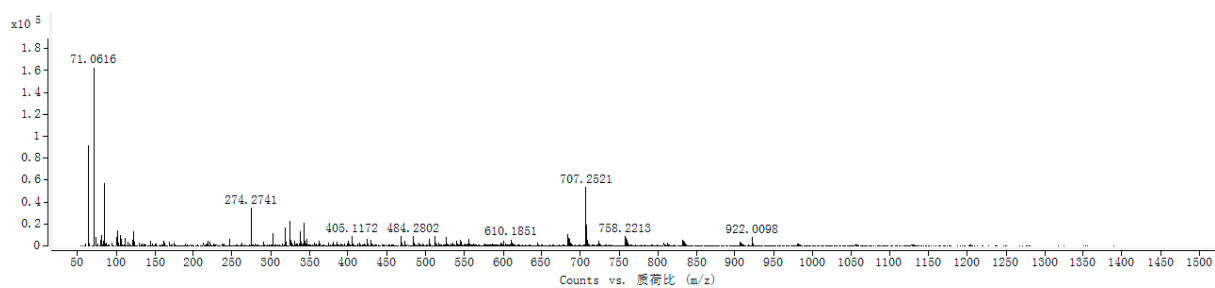


Figure S21 HRESI-TOF-MS spectrum of compound 3

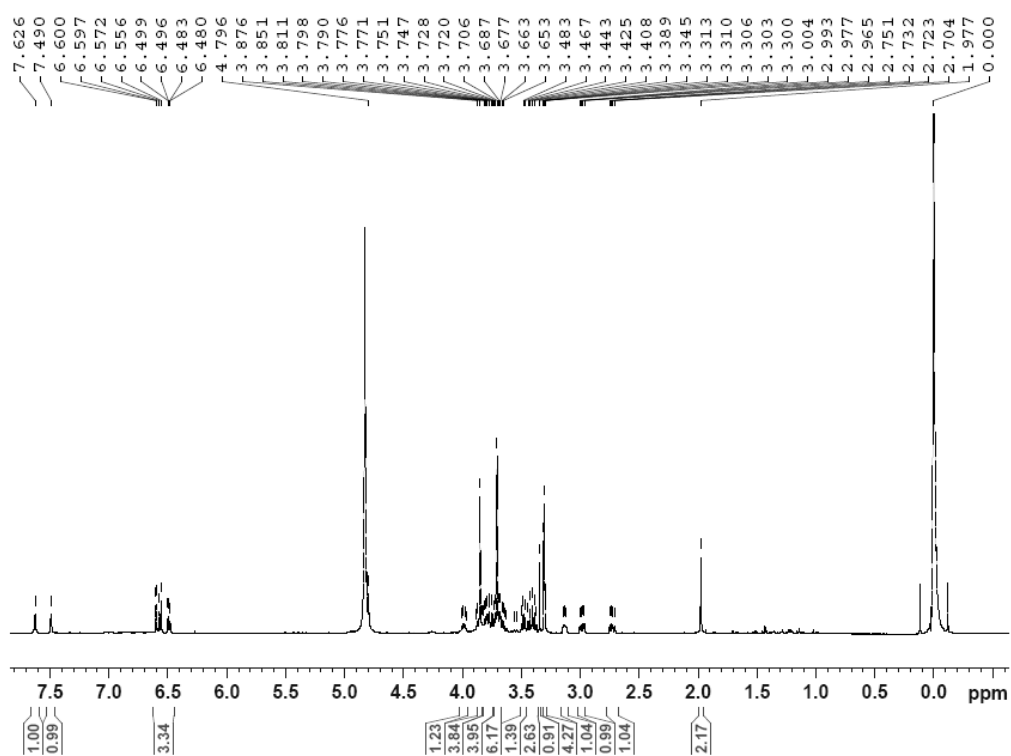


Figure S22 ^1H NMR (500 MHz, CD_3OD) spectrum of compound 4

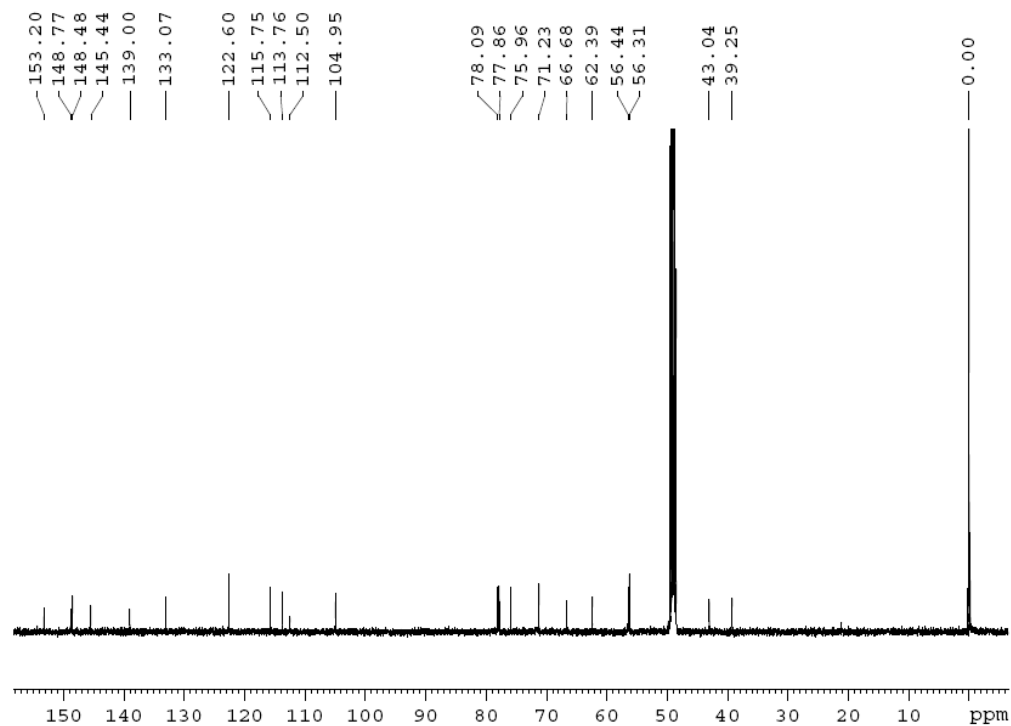


Figure S23 ^{13}C NMR (125 MHz, CD_3OD) spectrum of compound 4

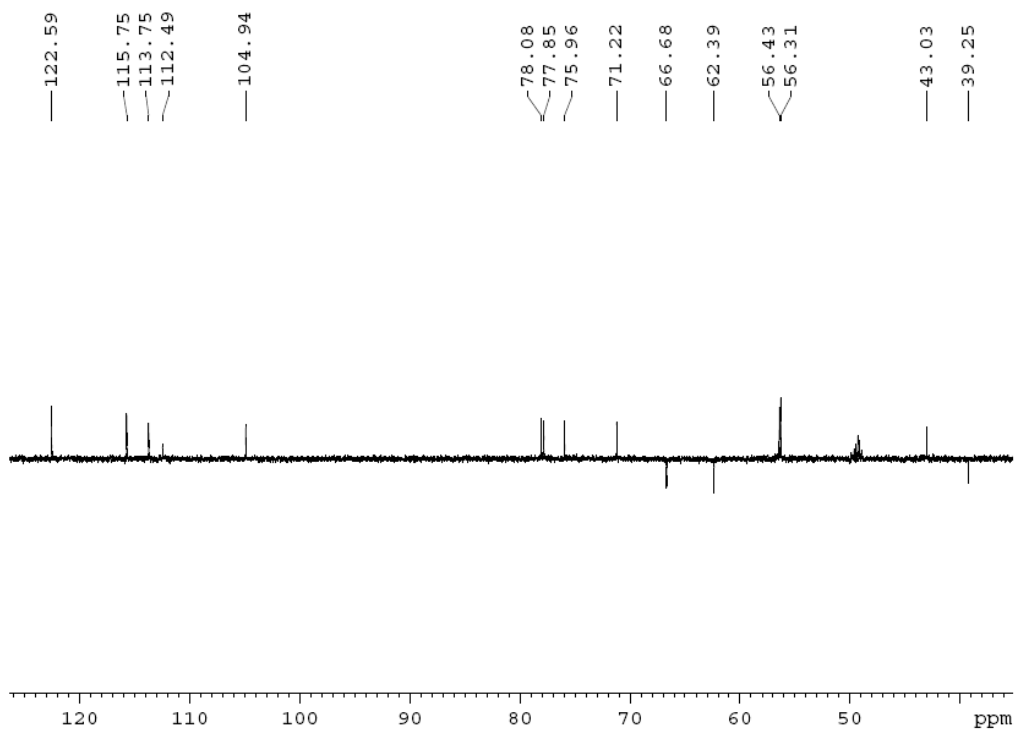


Figure S24 DEPT 135 (CD₃OD) spectrum of compound 4

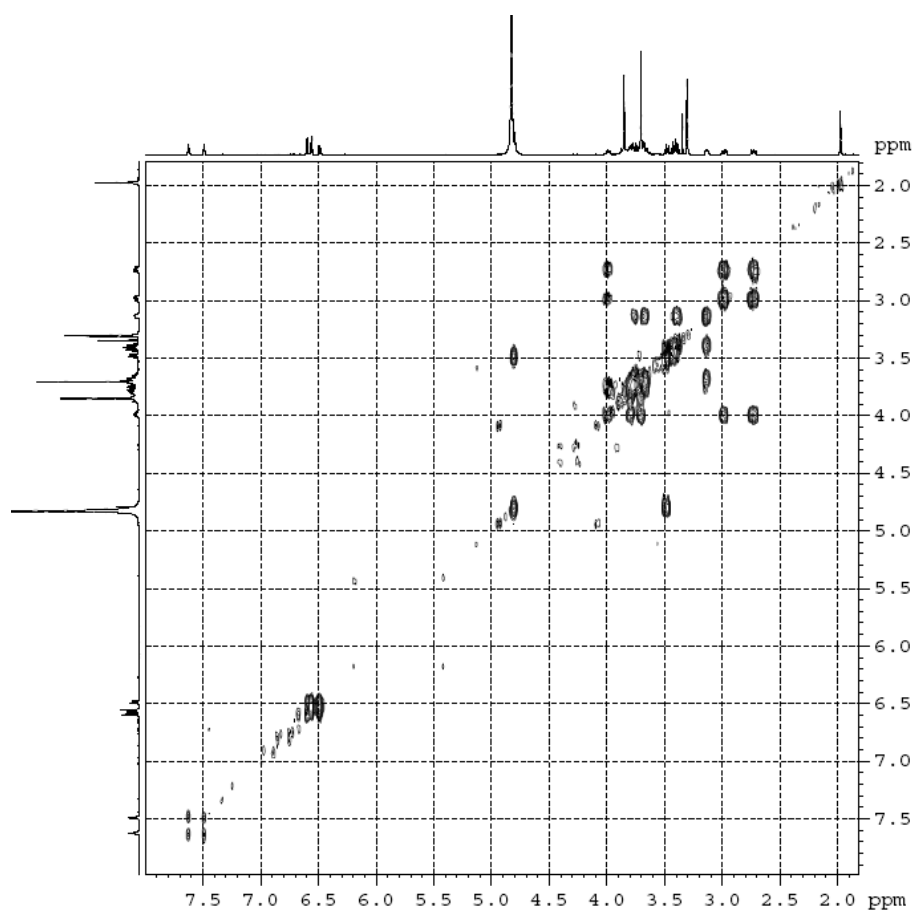


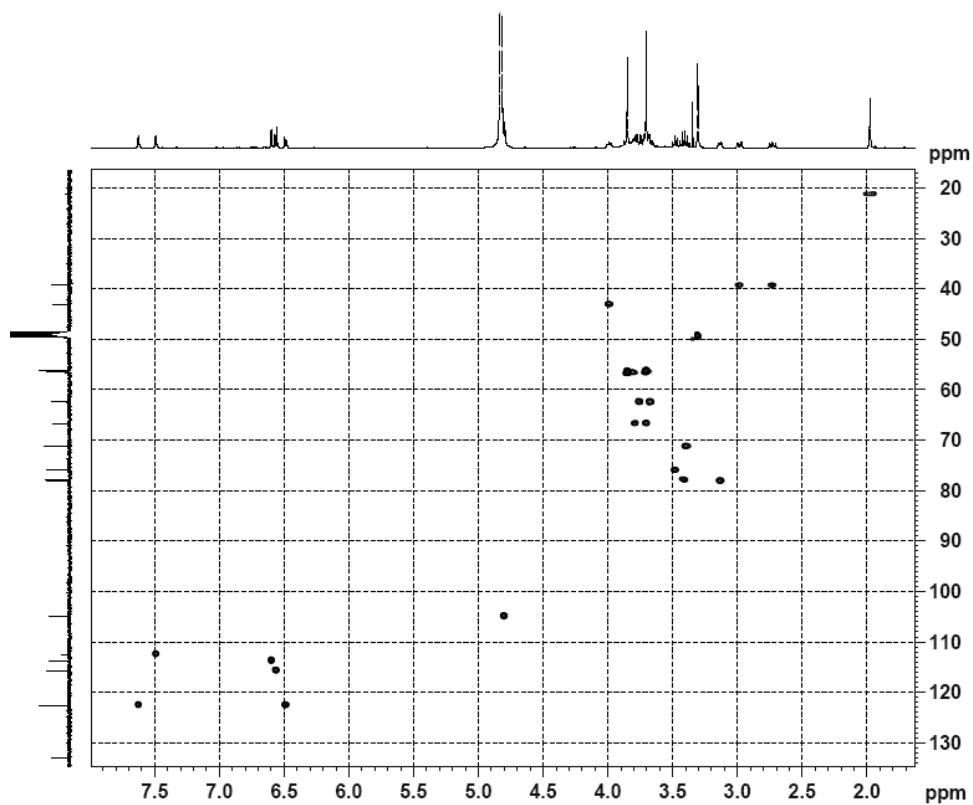
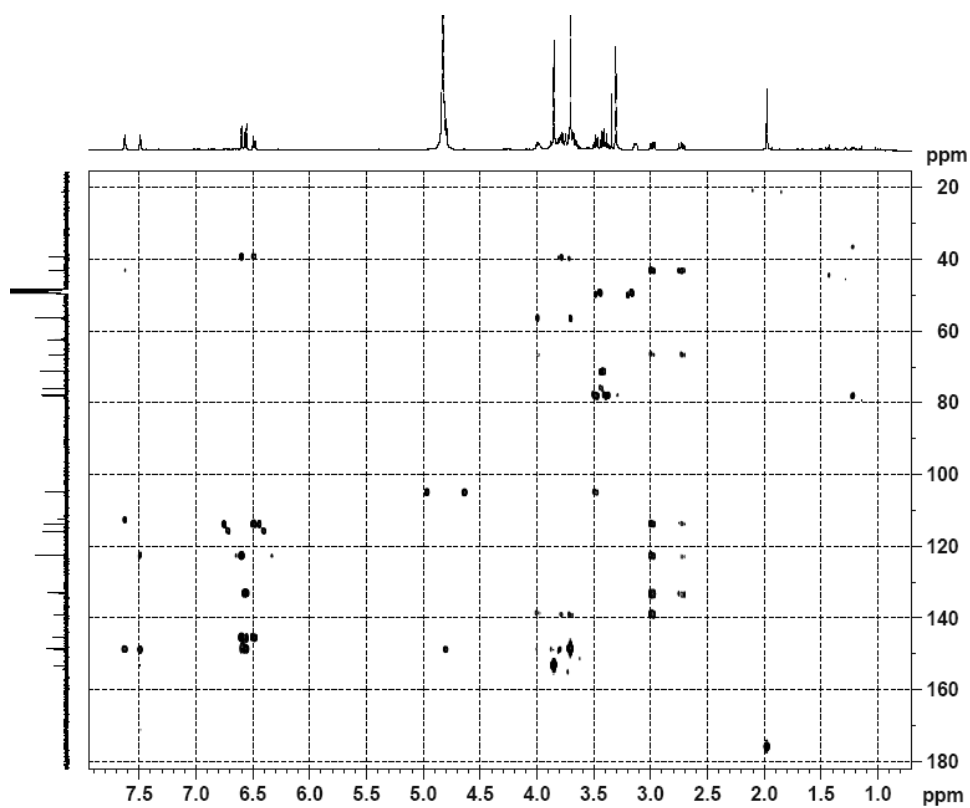
Figure S25 ^1H ^1H COSY (CD_3OD) spectrum of compound 4Figure S26 HSQC (CD_3OD) spectrum of compound 4

Figure S27 HMBC (CD₃OD) spectrum of compound 4

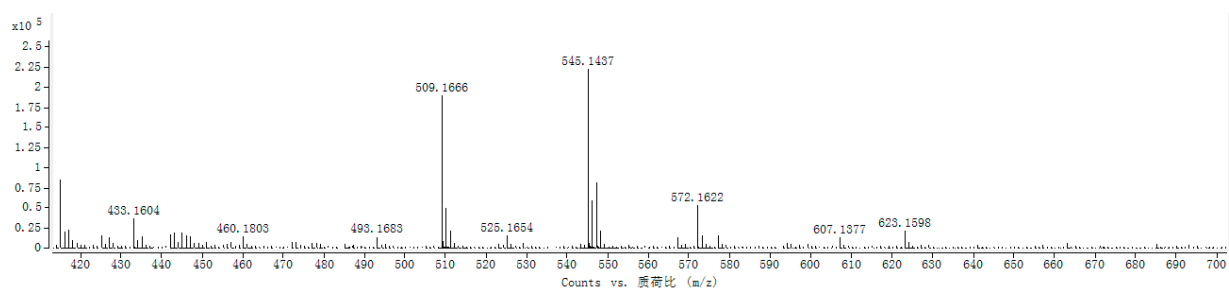


Figure S28 HRESI-TOF-MS spectrum of compound 4

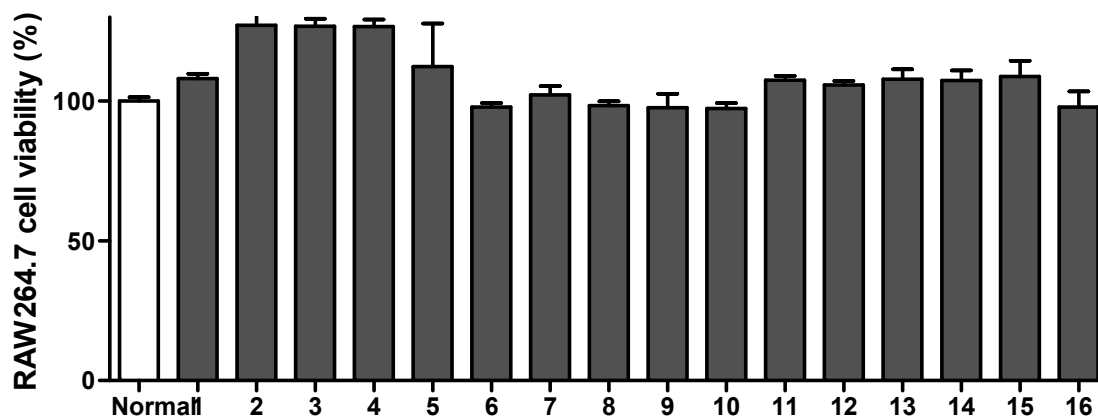


Figure S29 MTT analysis of 1–16 obtained from *Cortex Dictamni* on RAW264.7 cells.

Normal: normal group without LPS and other tested samples. Values represent the mean \pm SD of four determinations. *P < 0.05; **P < 0.01; ***P < 0.001 (Differences between compound-treated group and normal group). N = 4. Final concentrations were 40 μ M for 1–16, respectively.

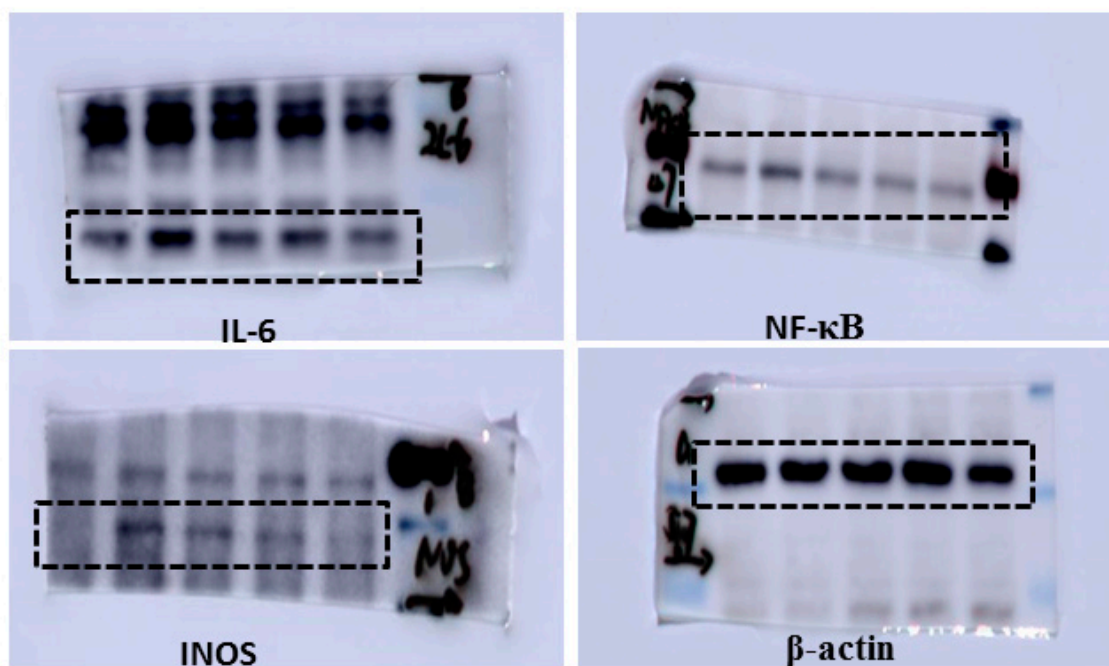


Figure S30 Raw quantification data for figure 6

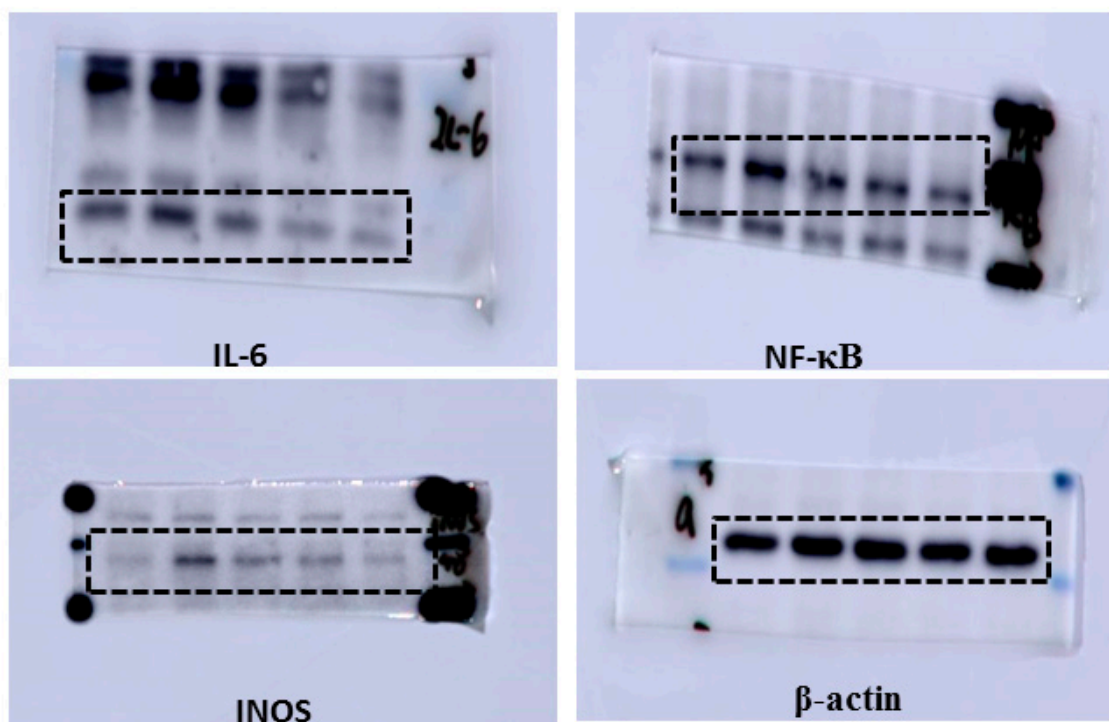


Figure S31 Raw quantification data for figure 7

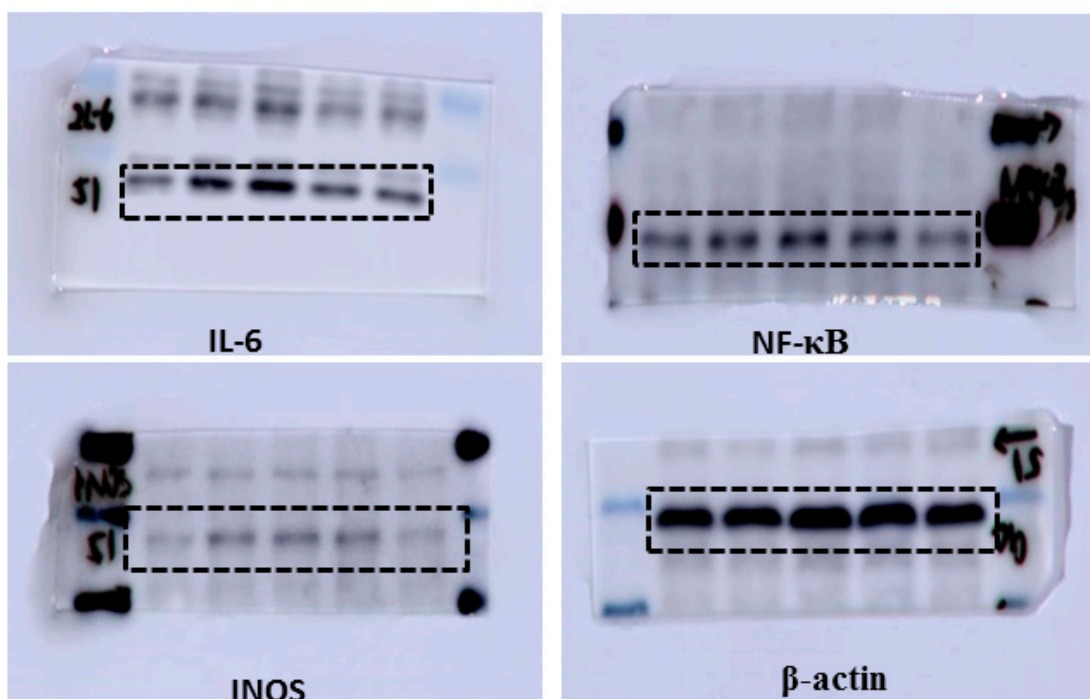


Figure S32 Raw quantification data for figure 8

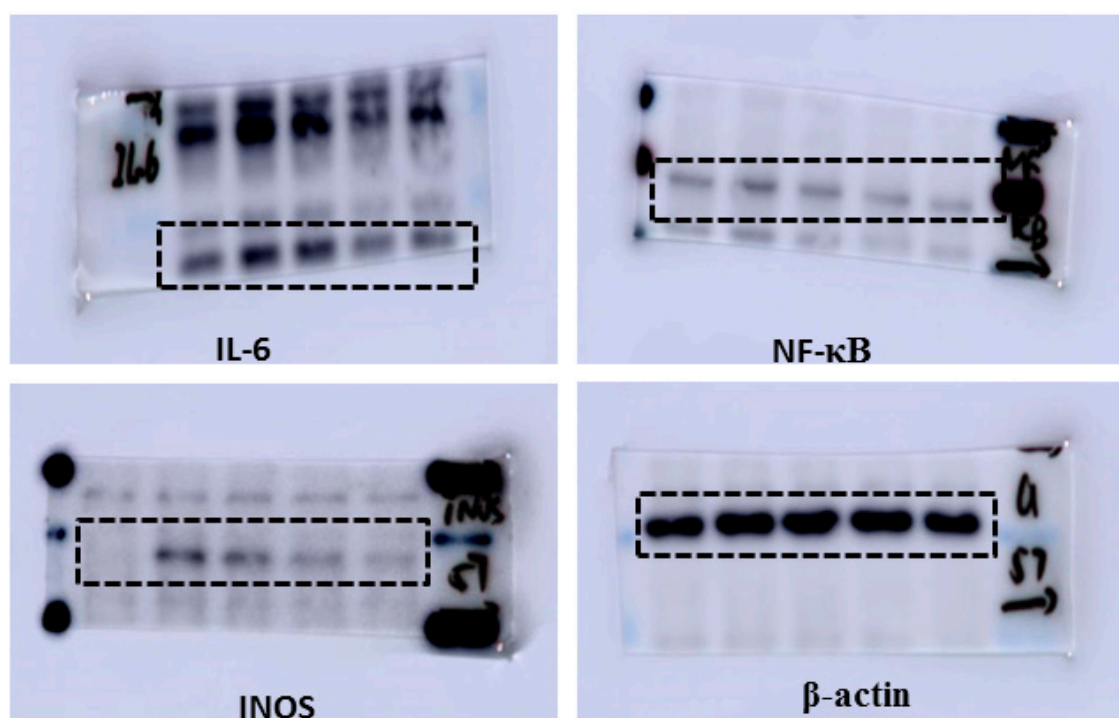


Figure S33 Raw quantification data for figure 9