

Supplementary material

Sesquiterpene lactones from *Vernonia cinerascens* Sch. Bip. and their *in vitro* antitrypanosomal activity

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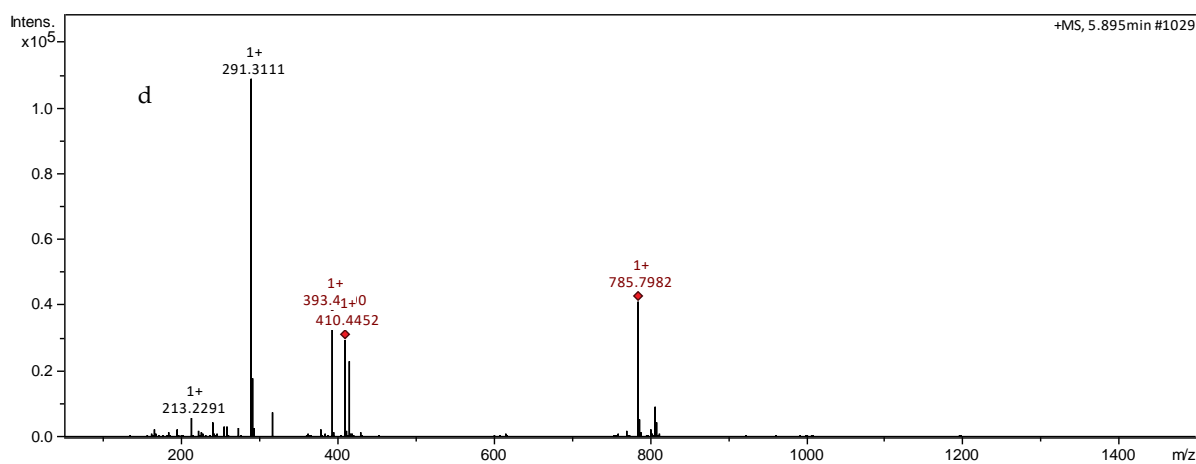
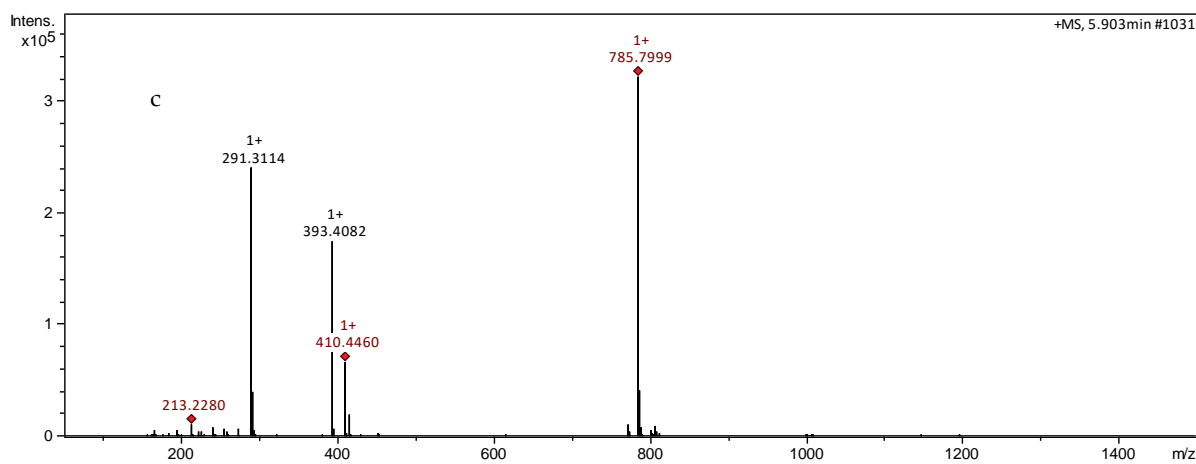
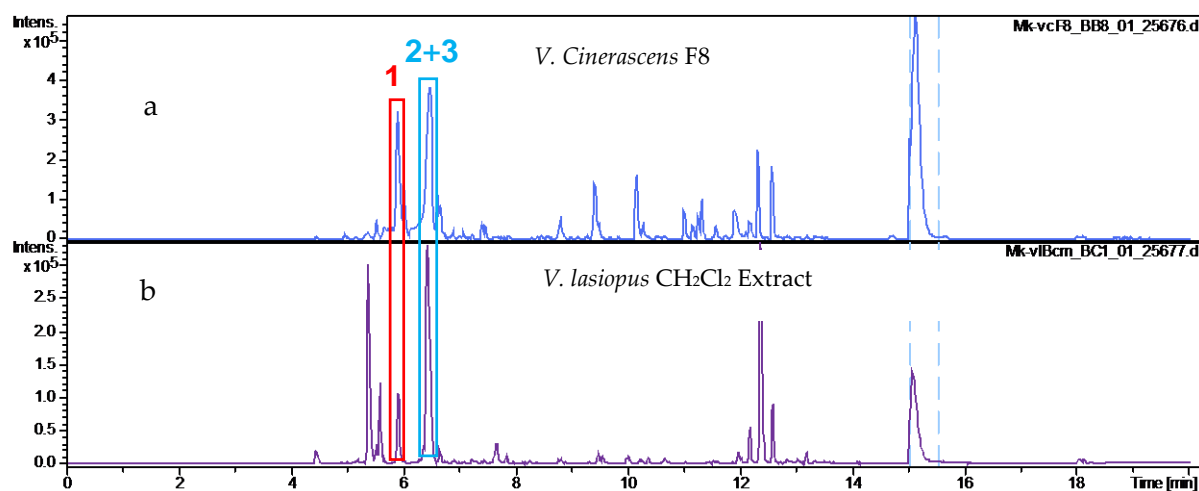
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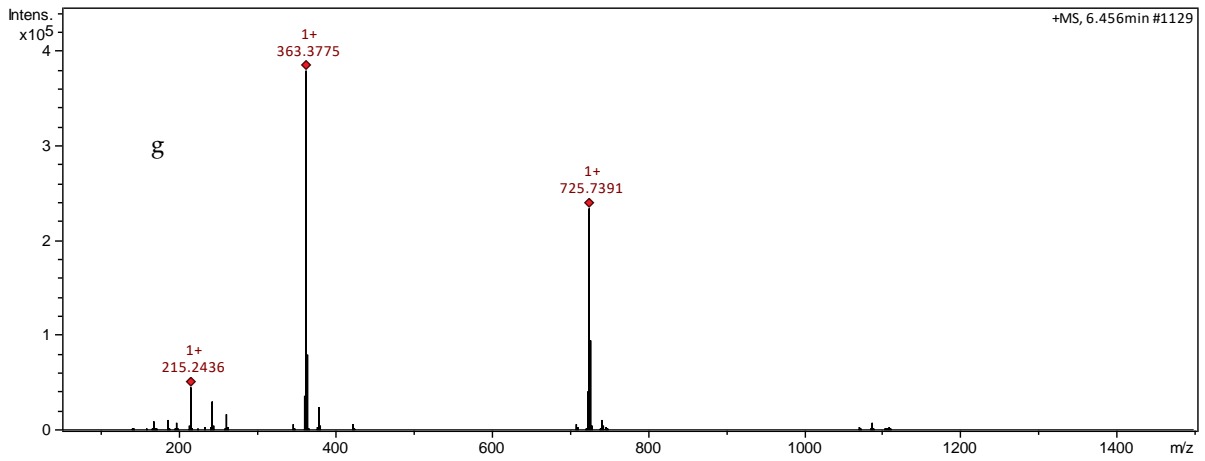
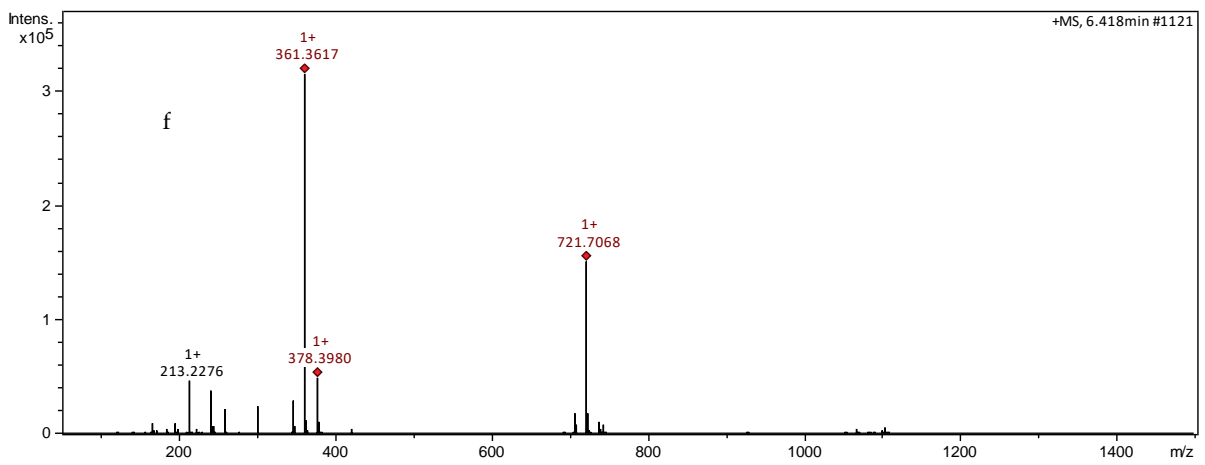
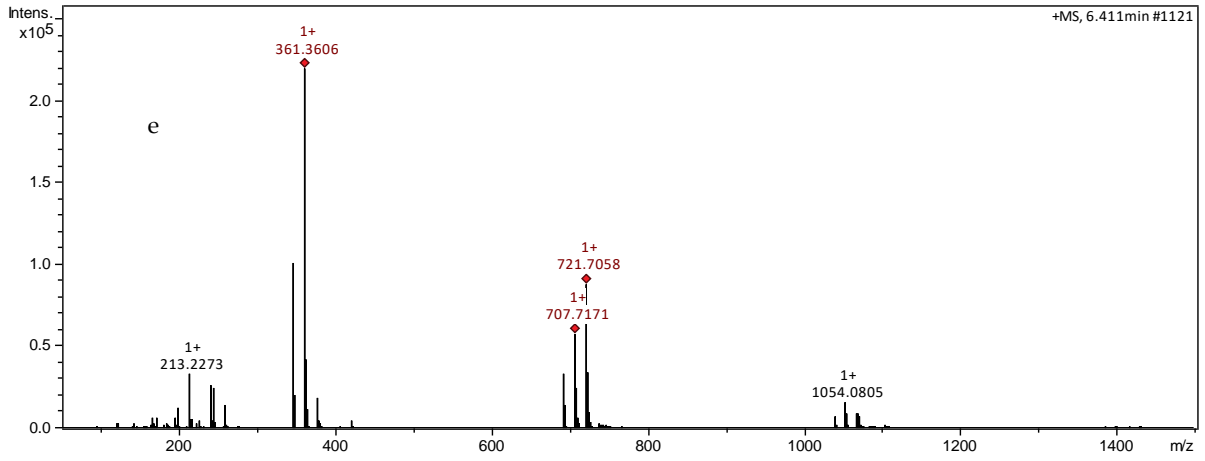
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Compounds 1-3





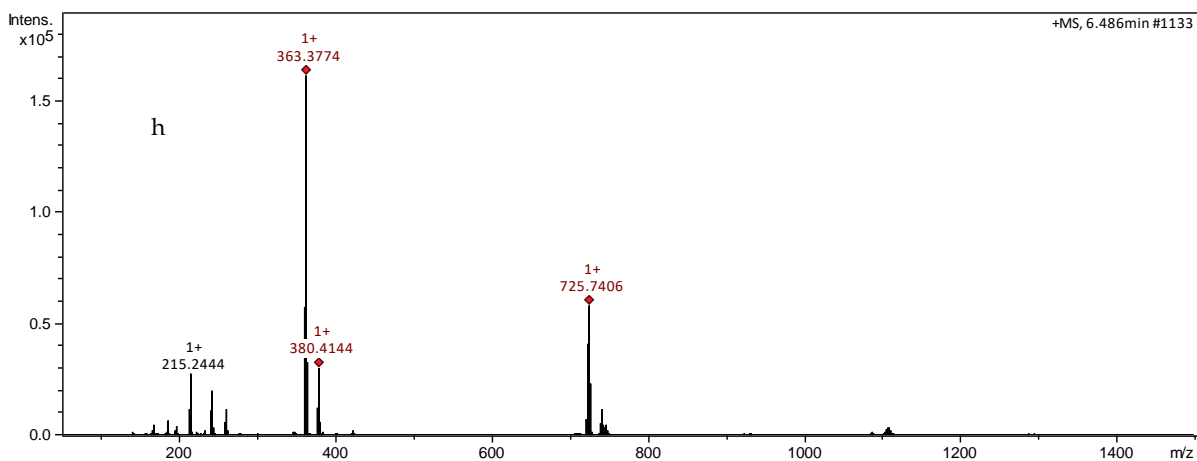


Figure S1: UHPLC/+ESIQTOFMS/MS Chromatograms and Spectra of Compounds 1-3. ^a+ESIQTOFMS chromatogram of *V. cinerascens* fraction F8; ^b+ESIQTOFMS chromatogram of *V. lasiopus* CH₂Cl₂ extract; ^c+ESI/MS spectrum of Compound 1 from *V. cinerascens* fraction F8. ^d+ESI/MS spectrum of Compound 1 from *V. lasiopus*. ^e+ESI/MS spectrum of Compound 2 from *V. cinerascens* fraction F8. ^f+ESI/MS spectrum of Compound 2 from *V. lasiopus*. ^g+ESI/MS spectrum of Compound 3 from *V. cinerascens* fraction F8. ^h+ESI/MS spectrum of Compound 3 from *V. lasiopus*.

Compound 8

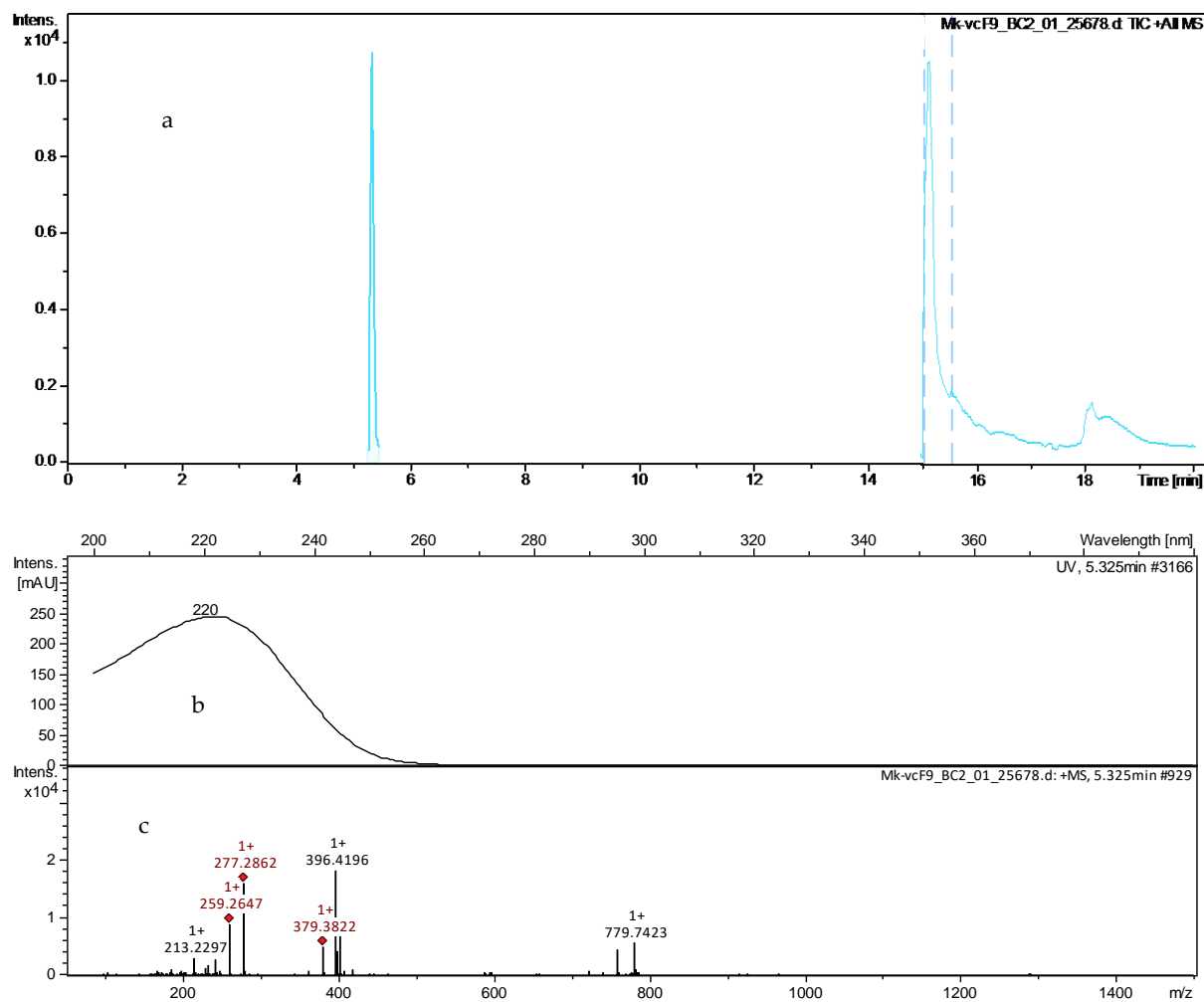


Figure S2: UHPLC/+ESI-QTOFMS/MS Chromatogram and Spectra of Compound 8. ^a+ESI-QTOFMS chromatogram; ^bUV spectrum; ^c+ESI/MS spectrum.

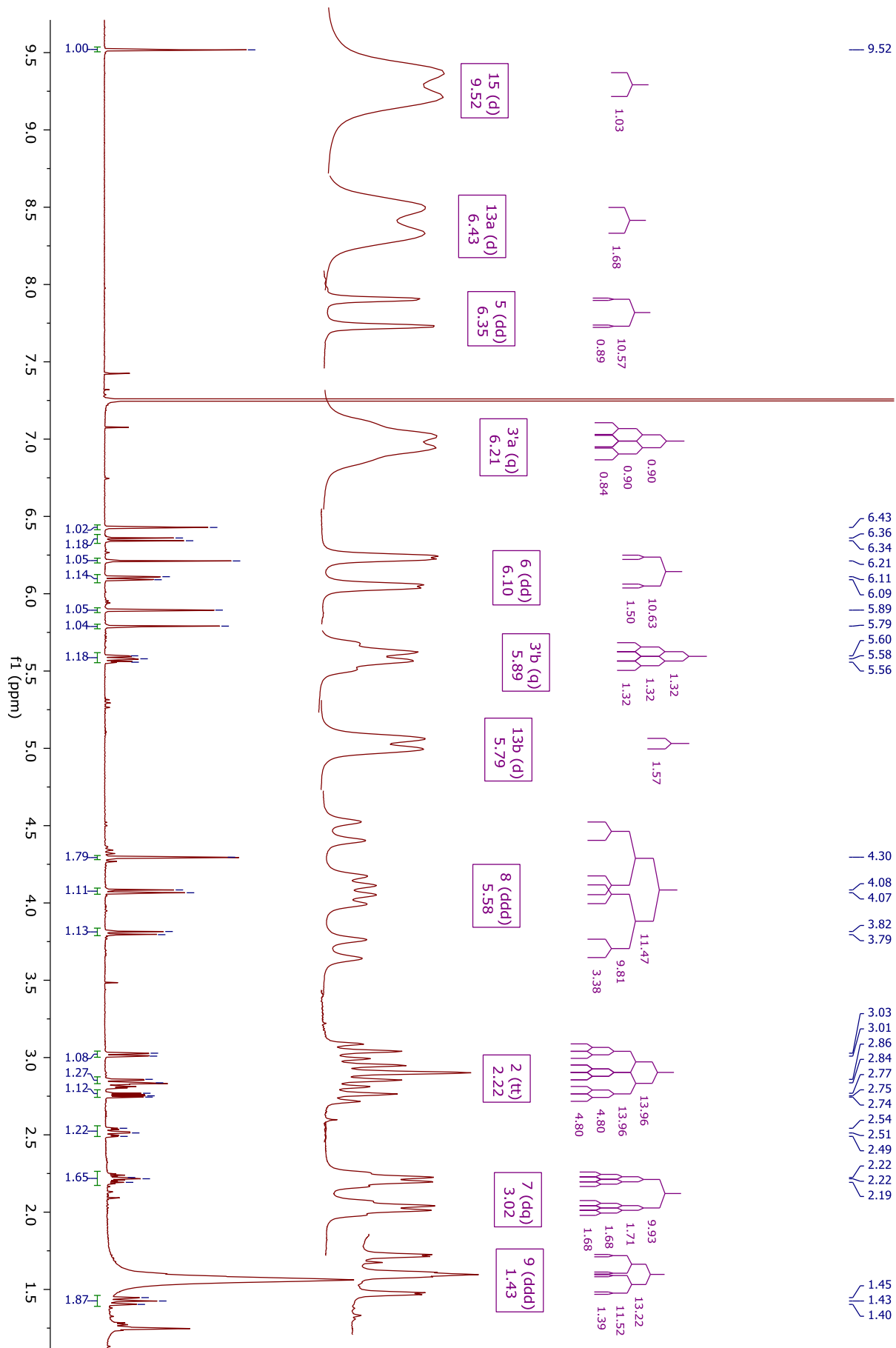


Figure S3: ^1H NMR (CDCl_3 , 600 MHz) spectrum of compound **8**. Please note that the peak annotations at the top apply to the full spectrum shown at the bottom.

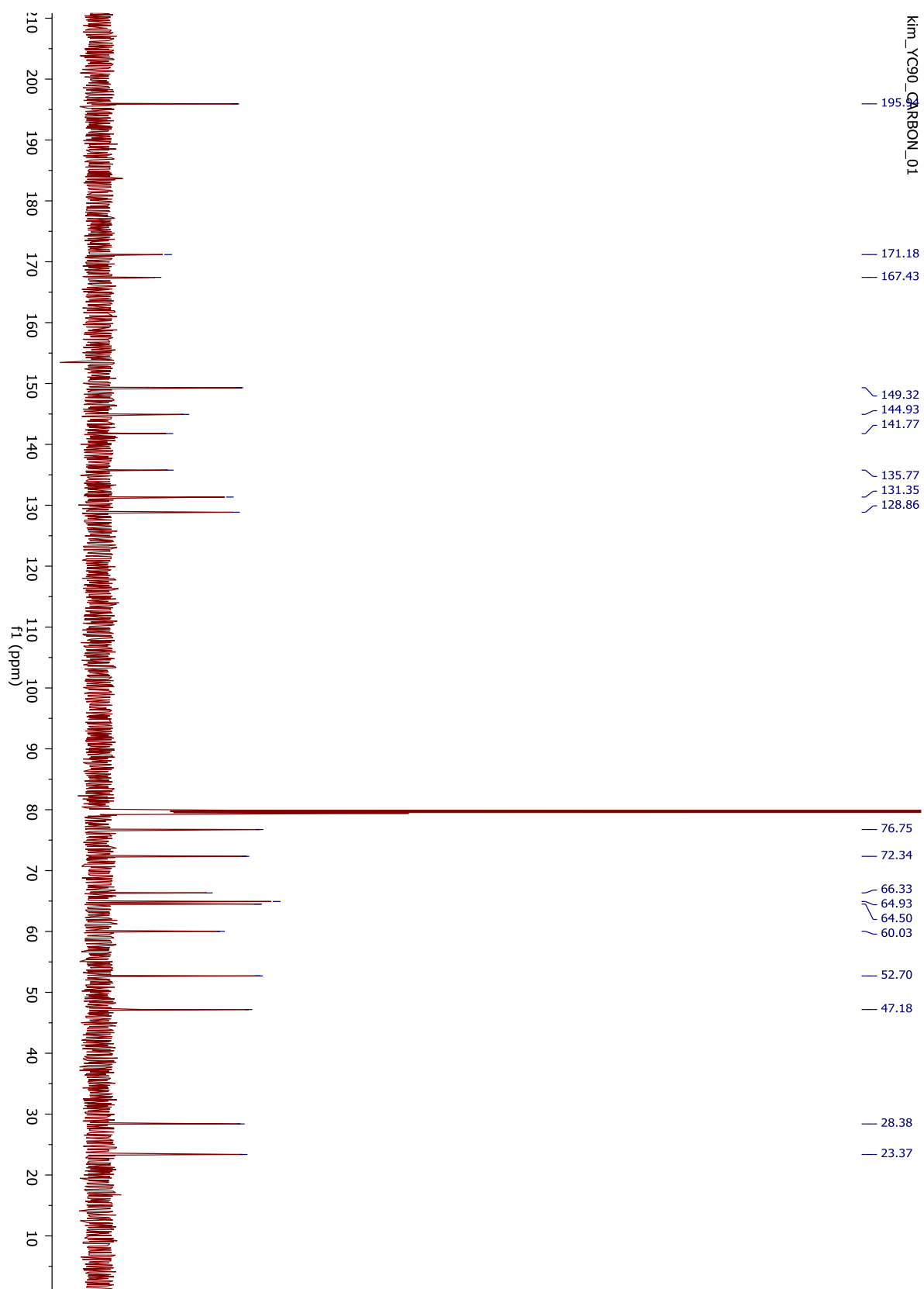


Figure S4: ^{13}C NMR (CDCl_3 , 150 MHz) spectrum of compound 8

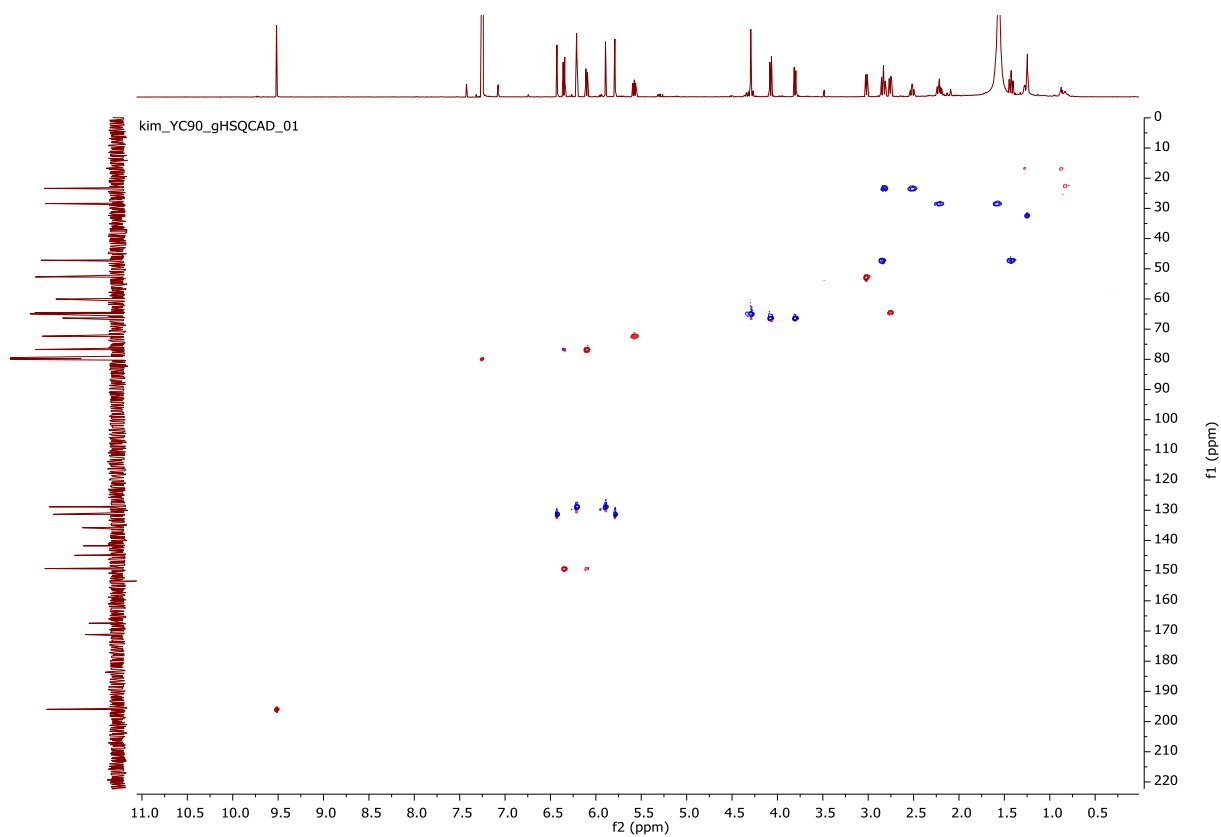


Figure S5: HSQC NMR (CDCl_3 , 600 MHz) spectrum of compound 8

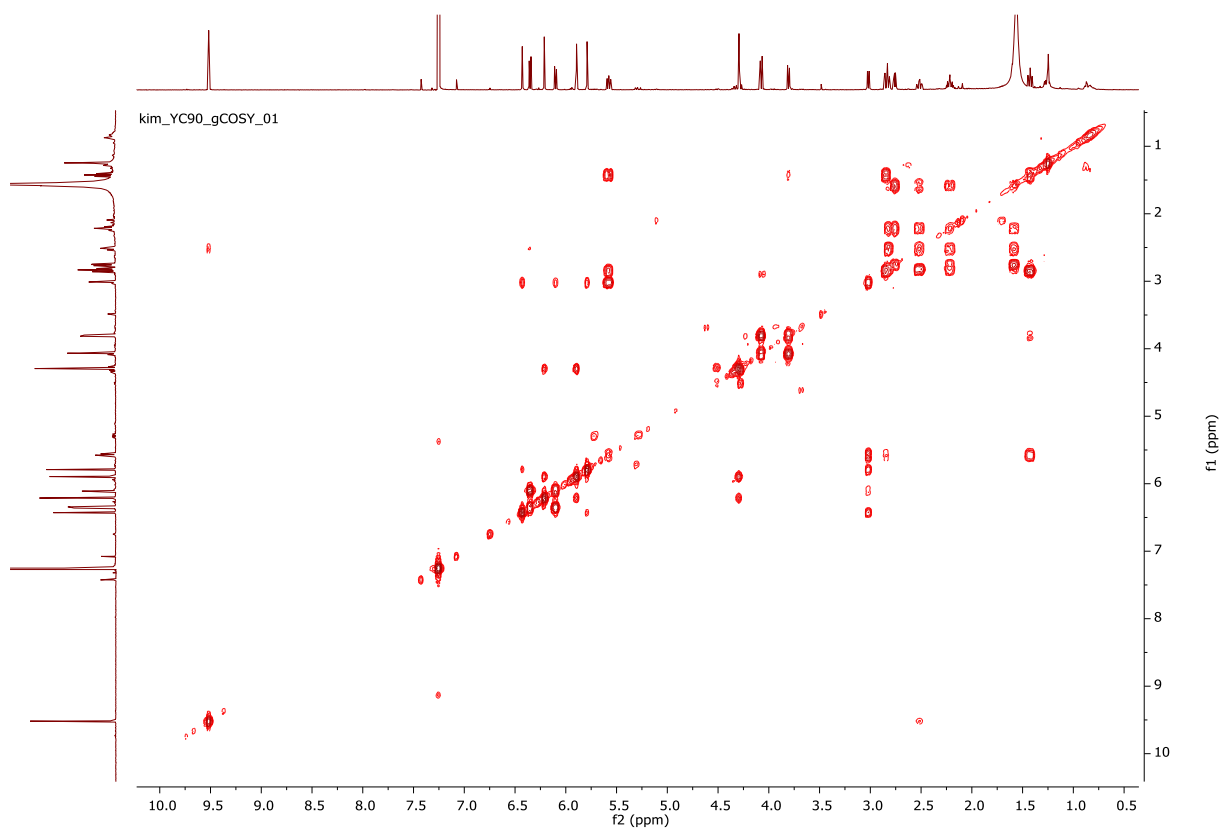


Figure S6: ^1H - ^1H COSY NMR (CDCl_3 , 600 MHz) spectrum of compound 8

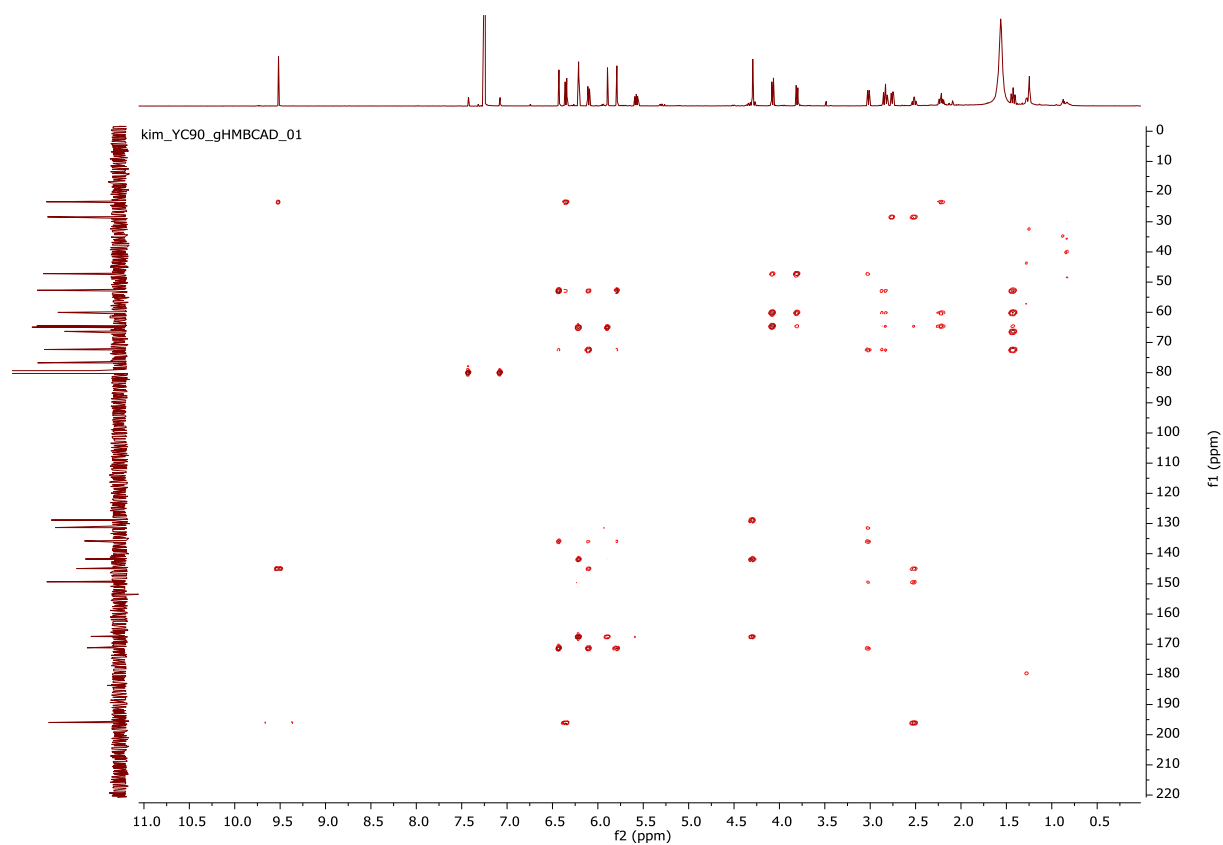


Figure S7: HMBC NMR (CDCl₃, 600 MHz) spectrum of compound 8

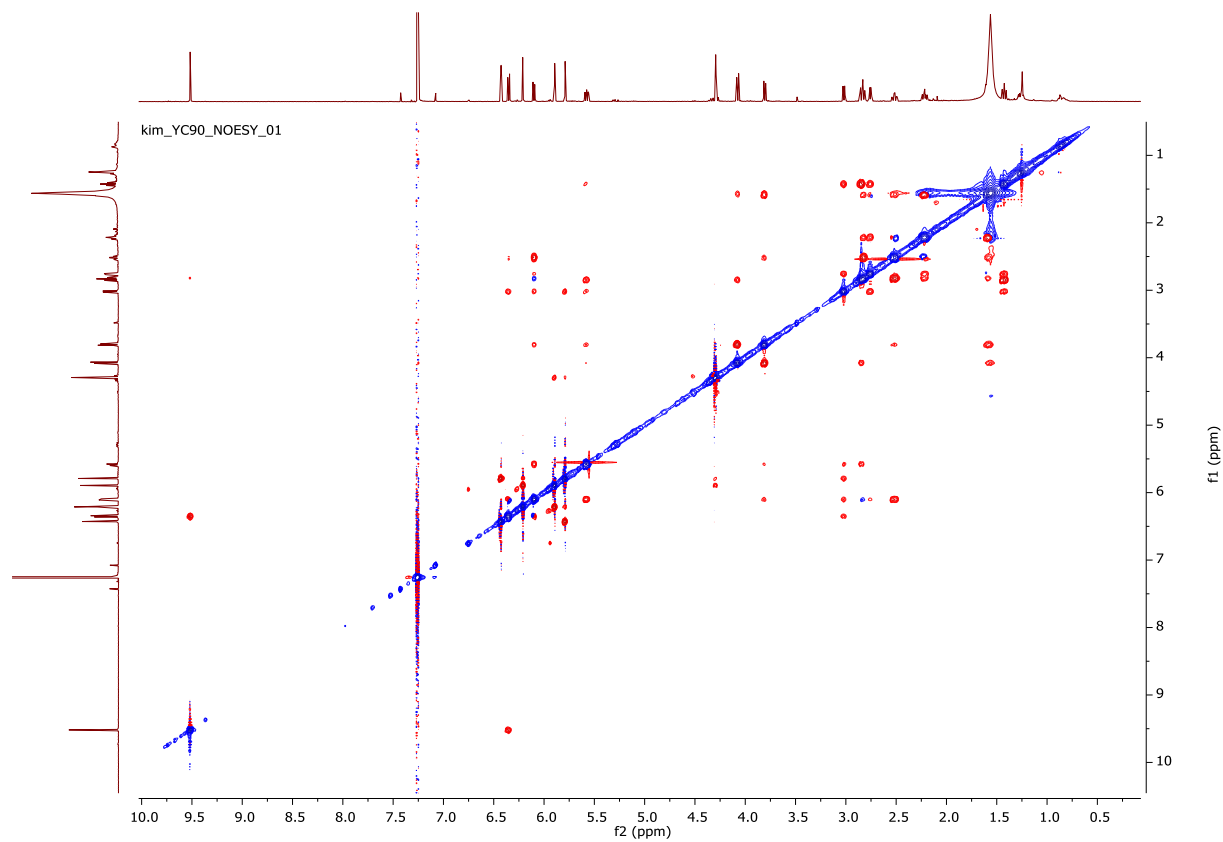


Figure S8: 2D NOESY NMR (CDCl₃, 600 MHz) spectrum of compound 8