

Supplementary Information

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Supplement: Lipids constituents from *Gardenia aqualla* Stapf & Hutch

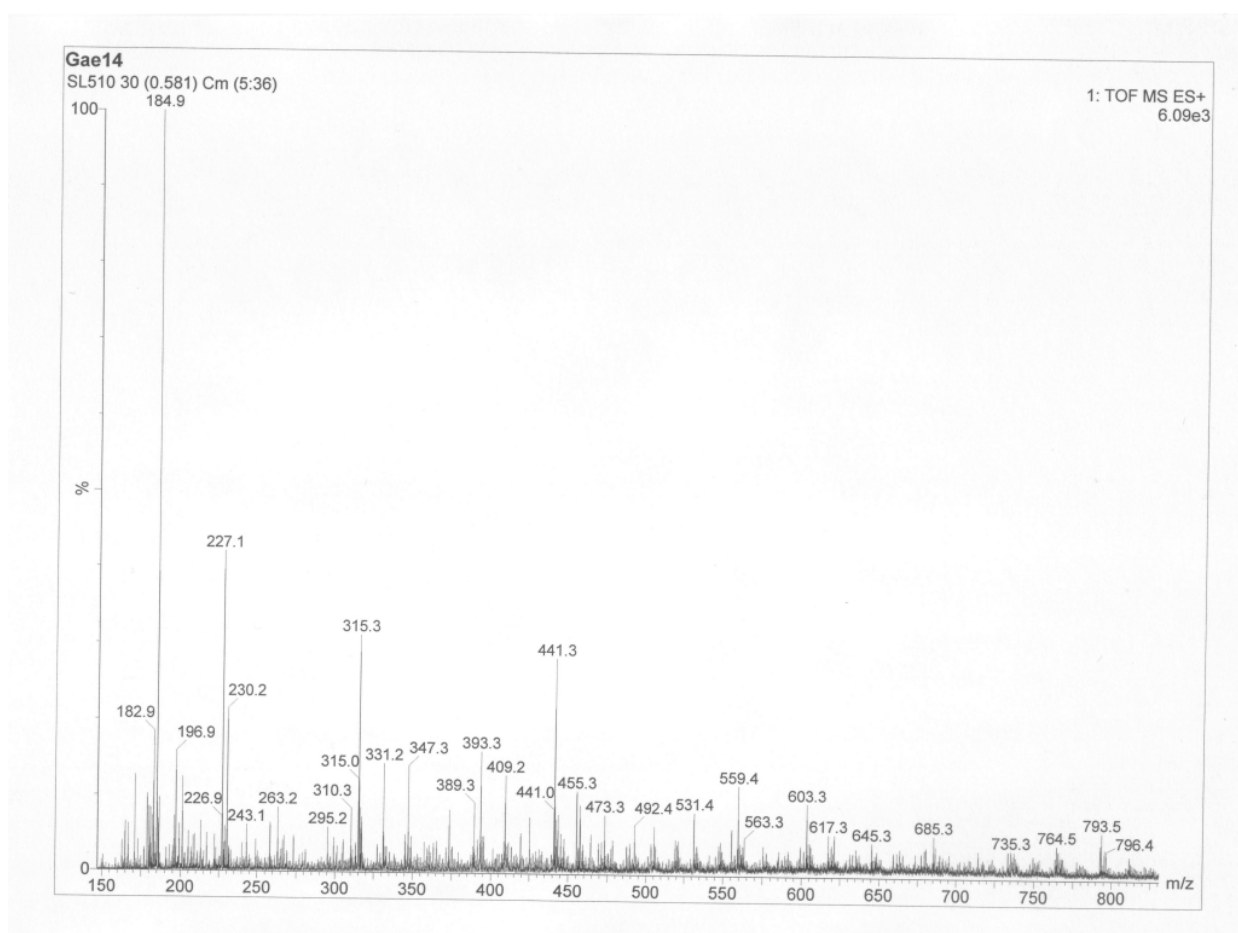


Figure S1. ESI-TOF MS+ spectrum of Compound 4

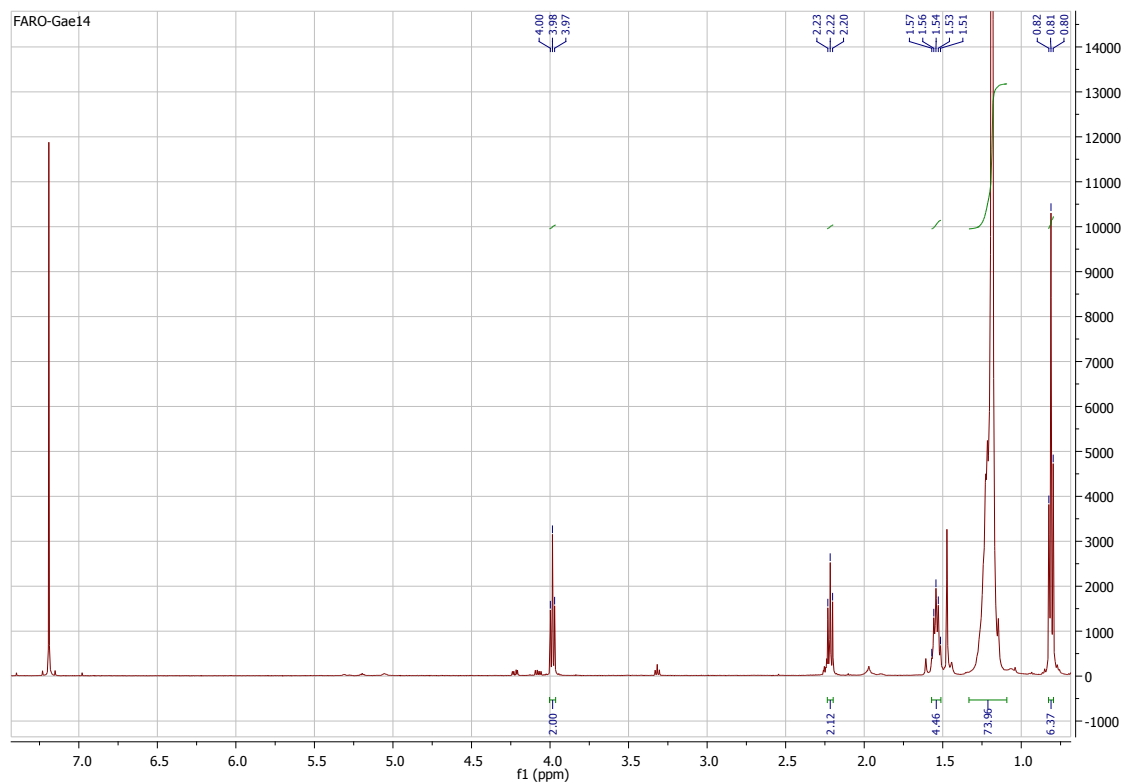


Figure S2. ¹H NMR spectra of compound 4 in CDCl₃

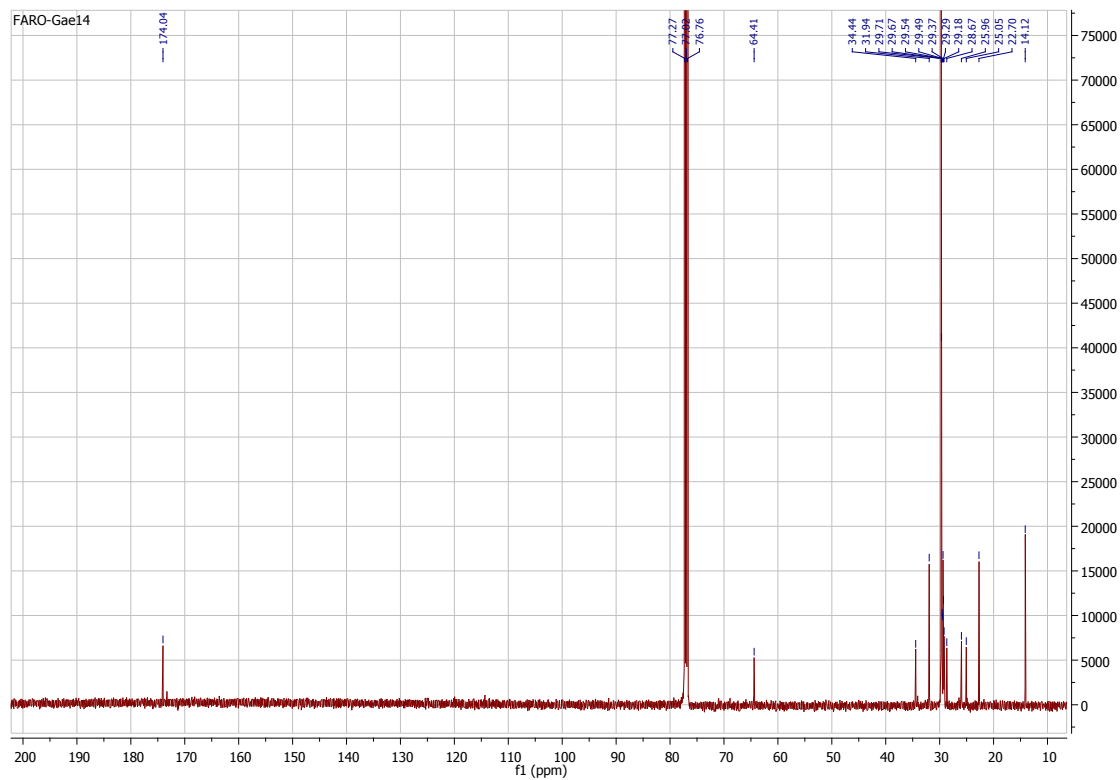


Figure S3. ¹³C NMR spectra of compound 4 in CDCl₃

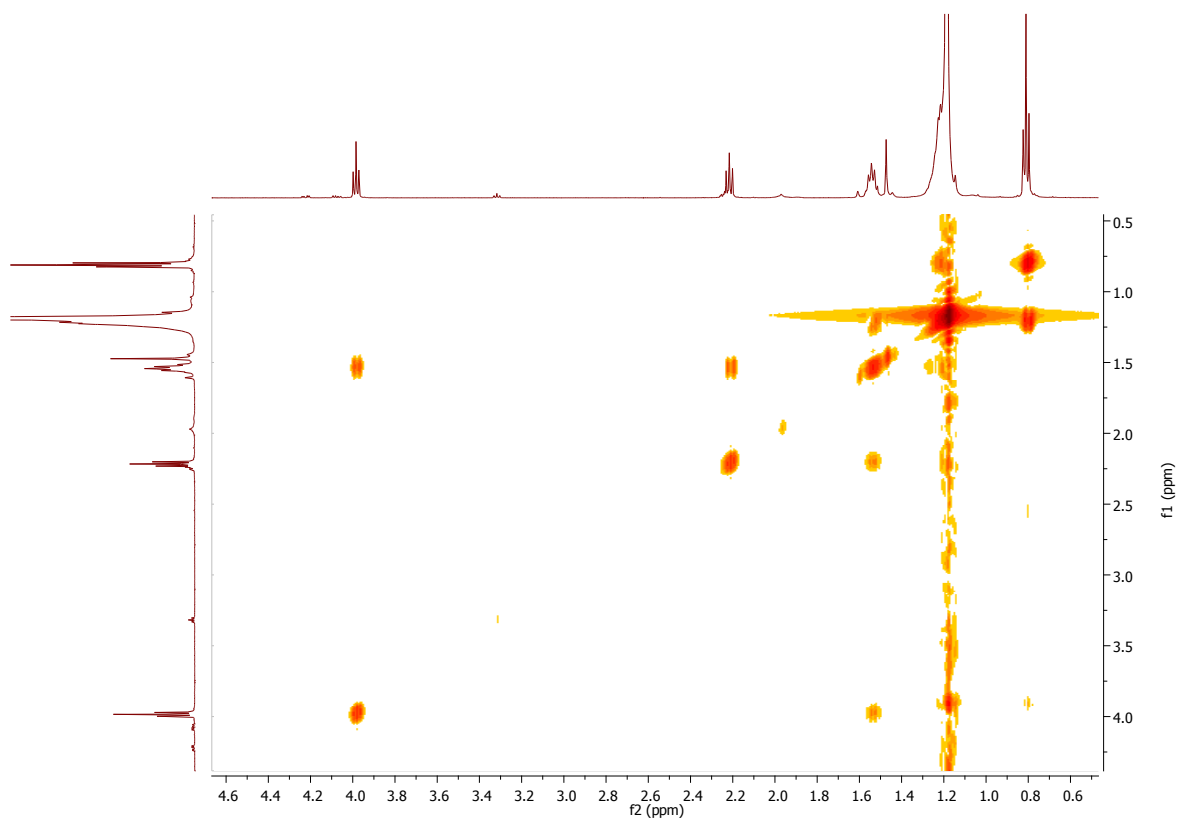


Figure S4. COSY spectra of compound 4 in CDCl₃

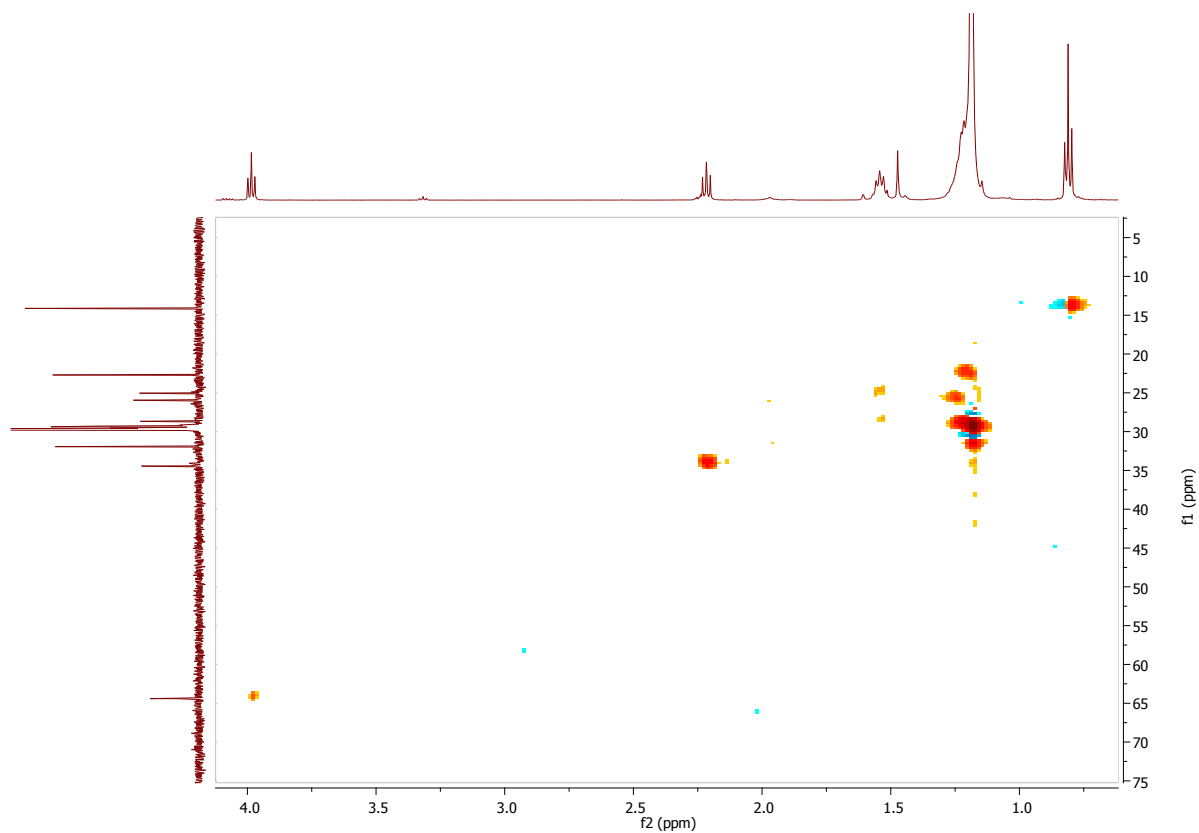
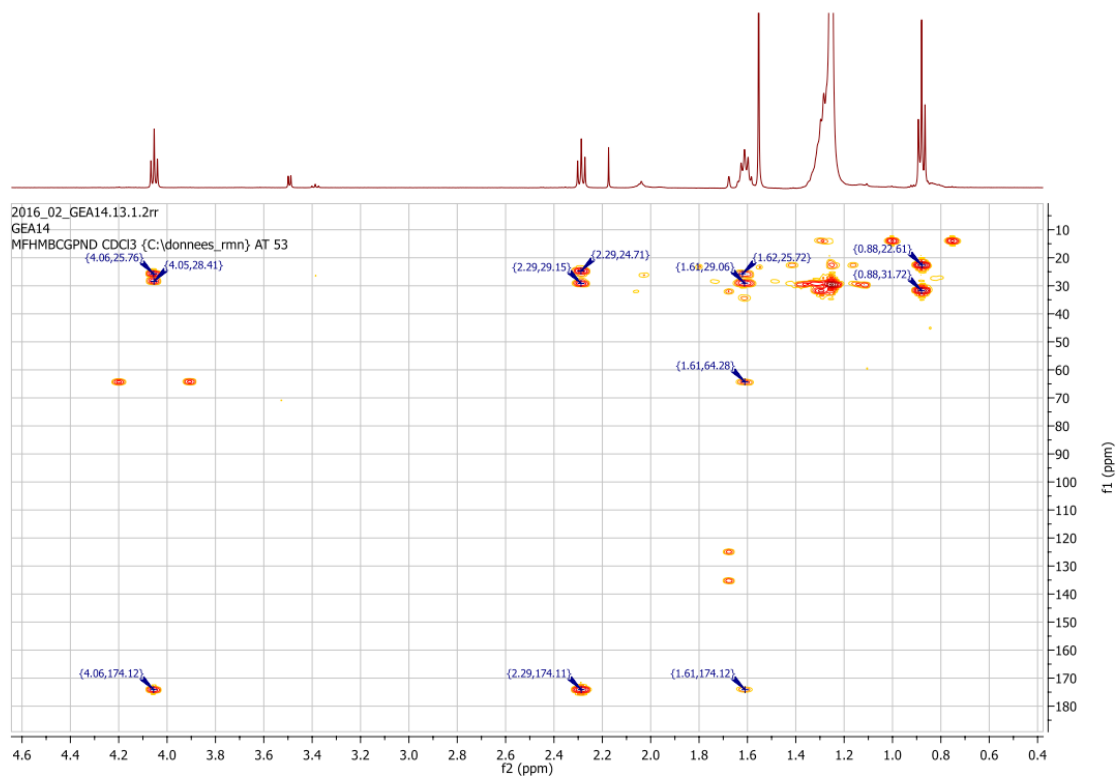
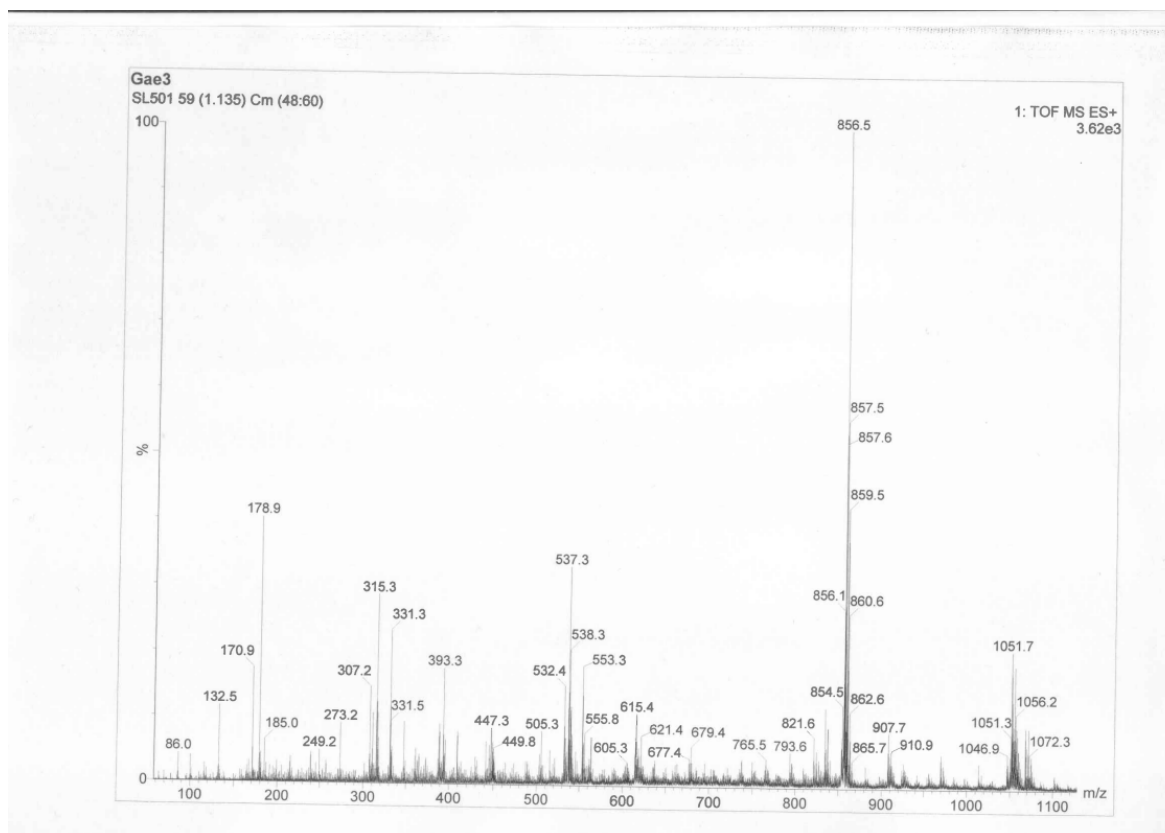


Figure S5. HSQC spectra of compound 4 in CDCl₃

Figure S6. HMBC spectra of compound **4** in CDCl_3 Figure S7. ESI-TOF MS spectrum of Compound **1**

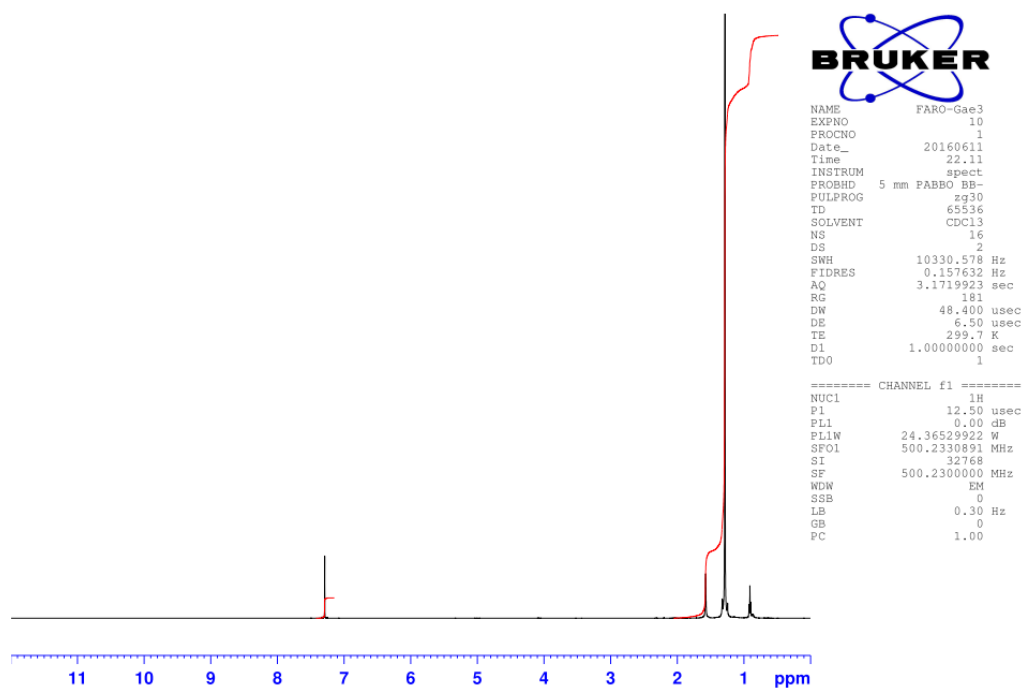


Figure S8. ^1H NMR spectra of compound 1 in CDCl_3

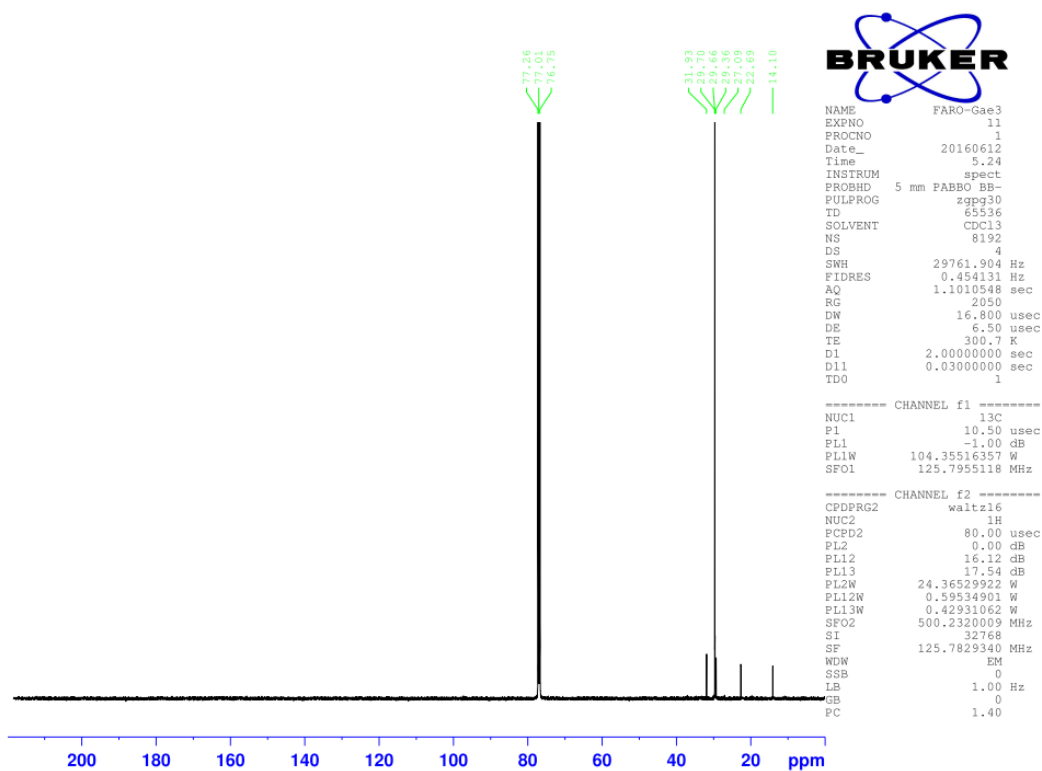


Figure S9. ^{13}C NMR spectra of compound 1 in CDCl_3

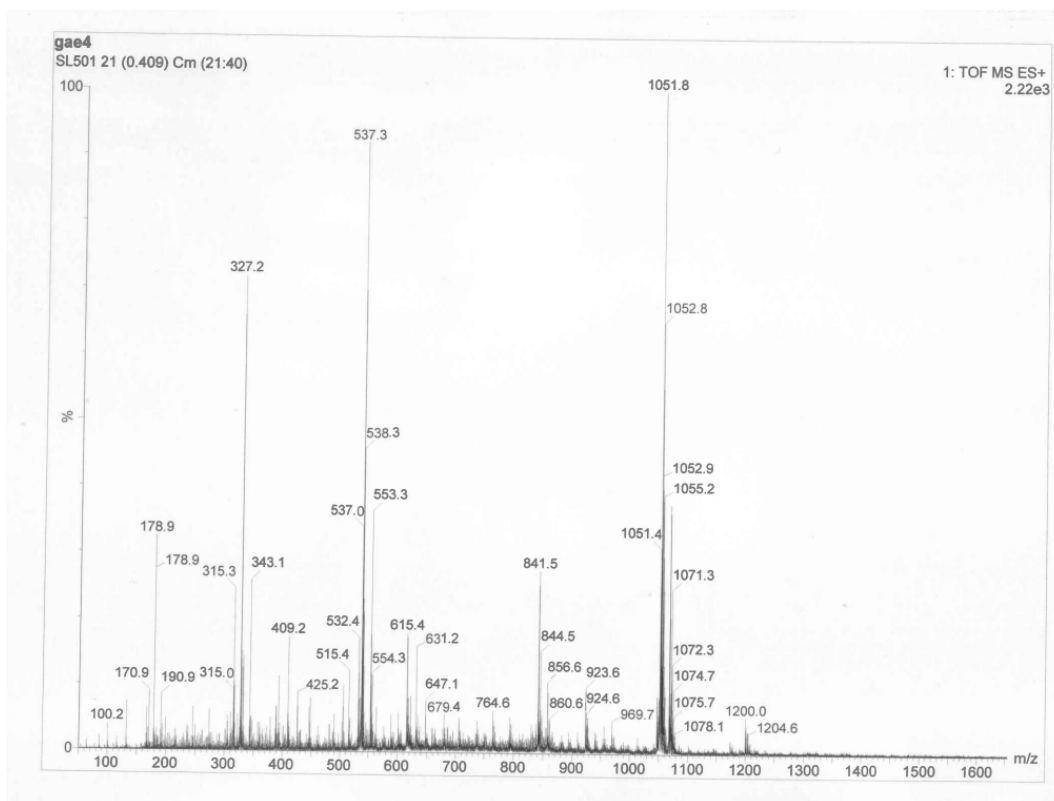
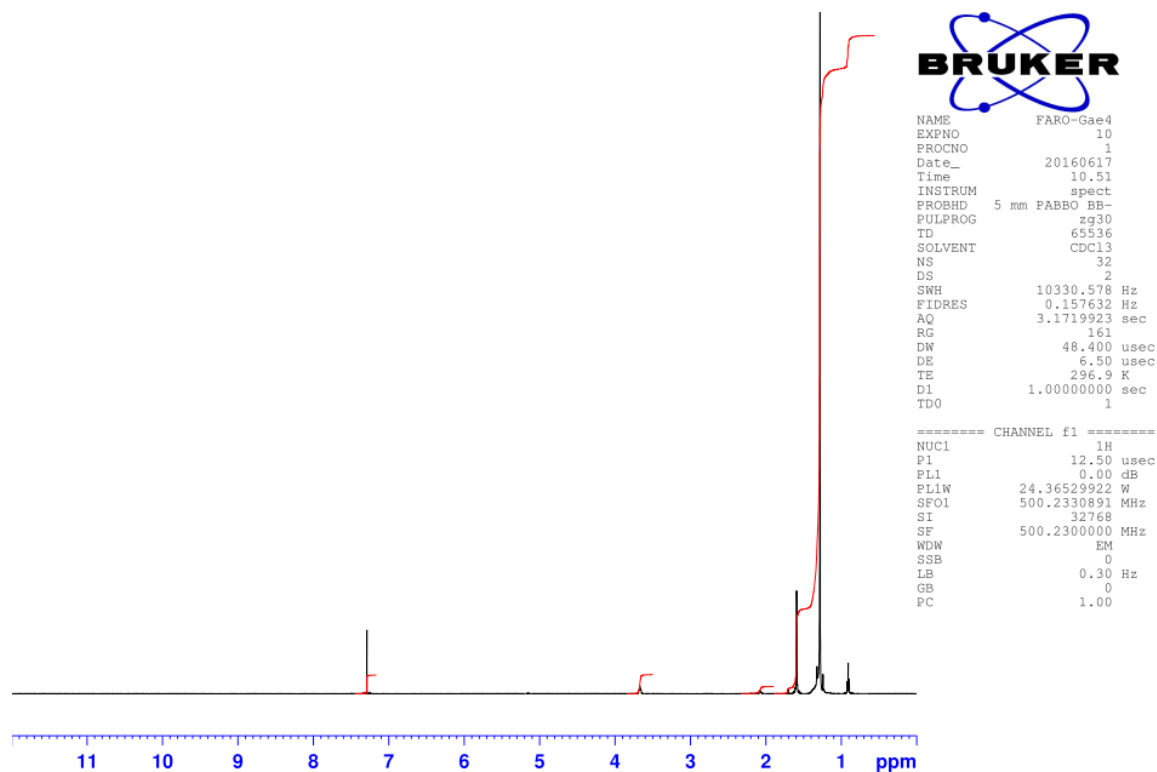


Figure S10. ESI-TOF MS+ spectrum of Compound 2

Figure S11. ^1H NMR spectra of compound 2 in CDCl_3



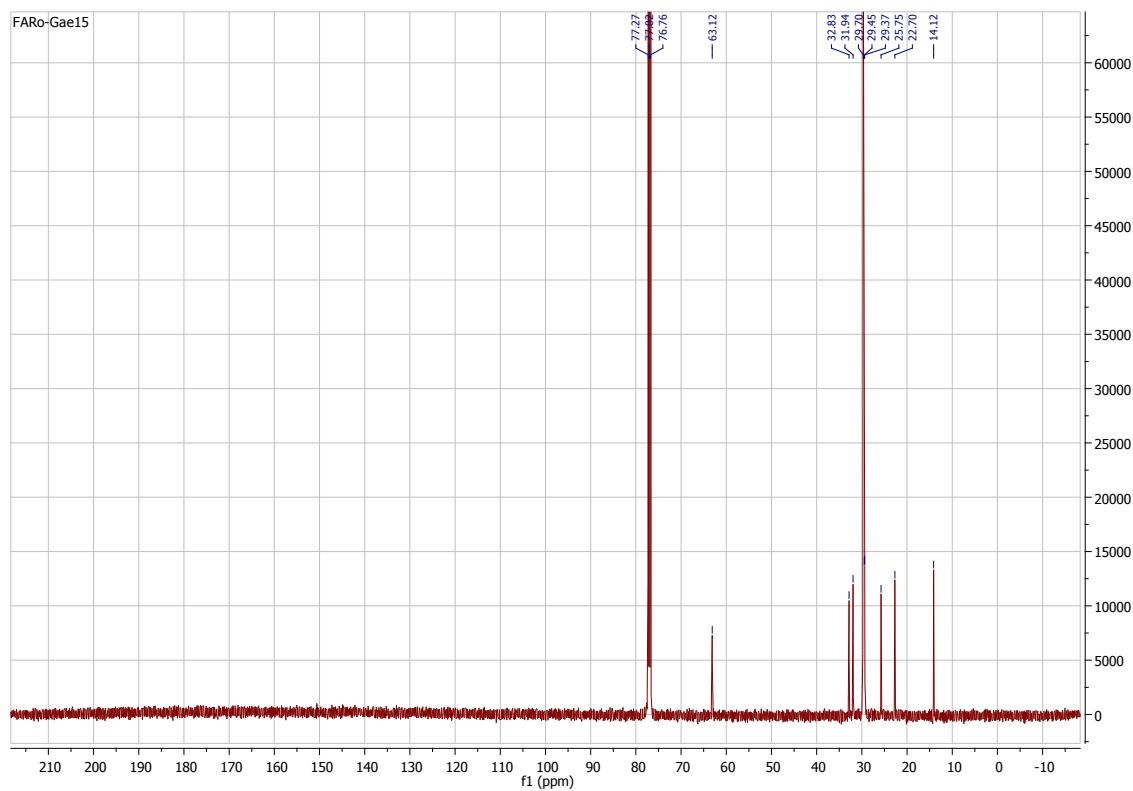


Figure S14. ¹³C NMR spectra of compound **3** in CDCl₃

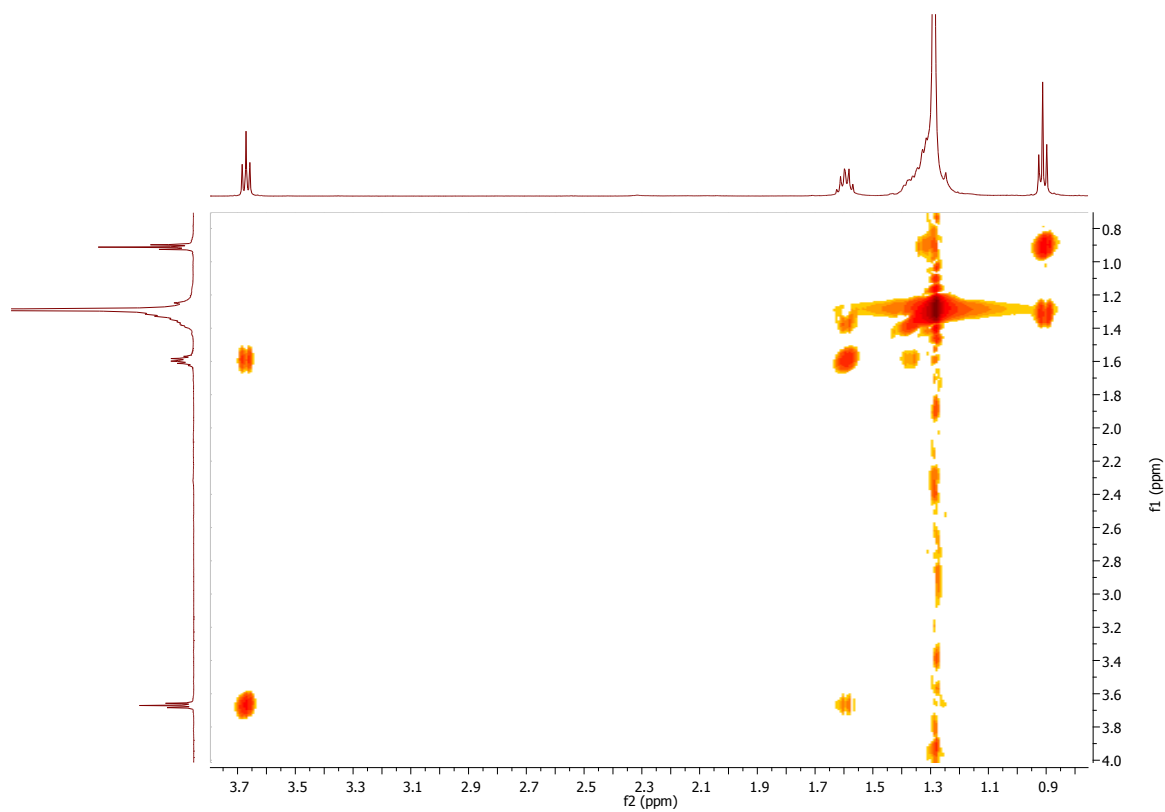


Figure S15. COSY spectra of compound **3** in CDCl₃

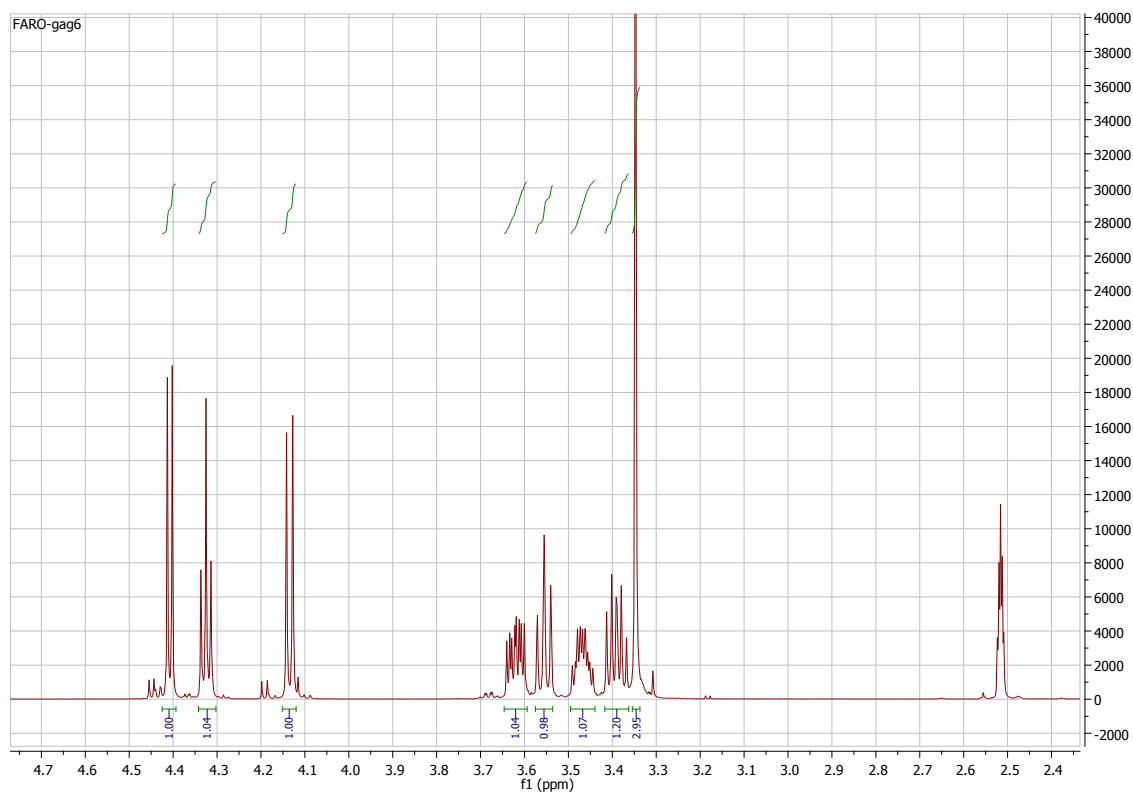


Figure S16. ^1H NMR spectra of compound 5 in DMSO

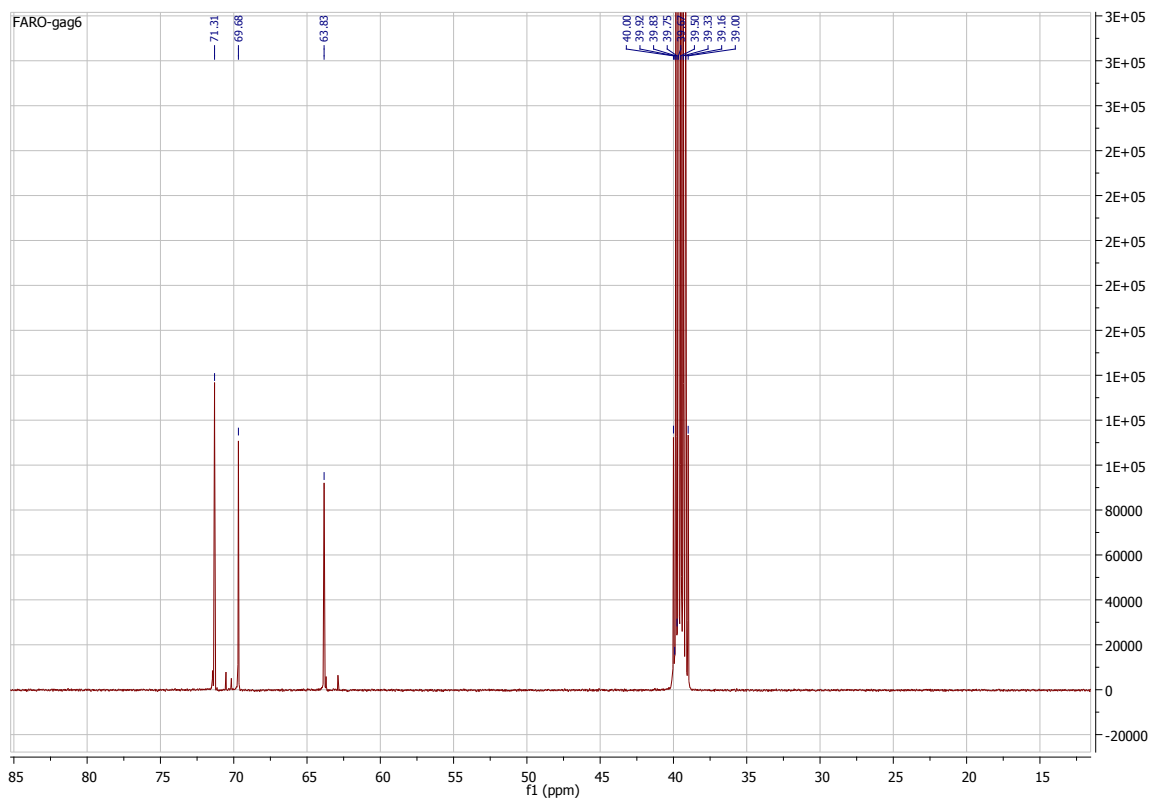


Figure S17. ^{13}C NMR spectra of compound 5 in DMSO

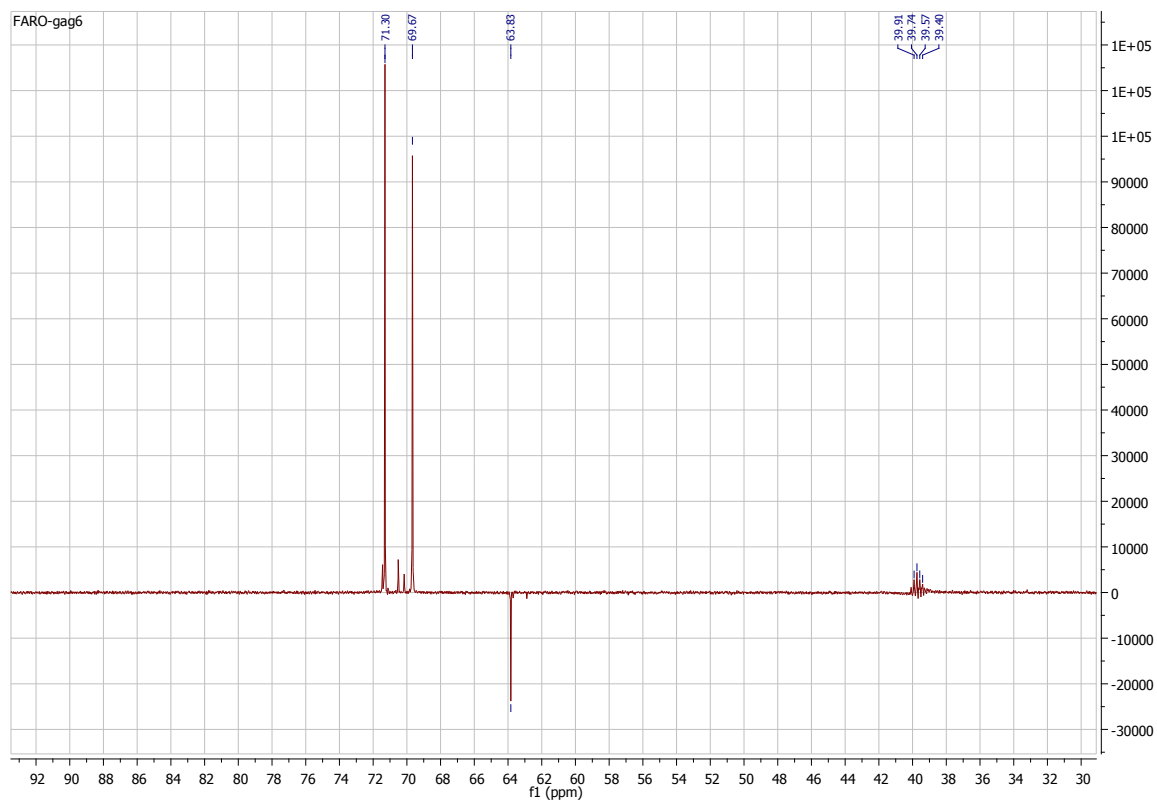
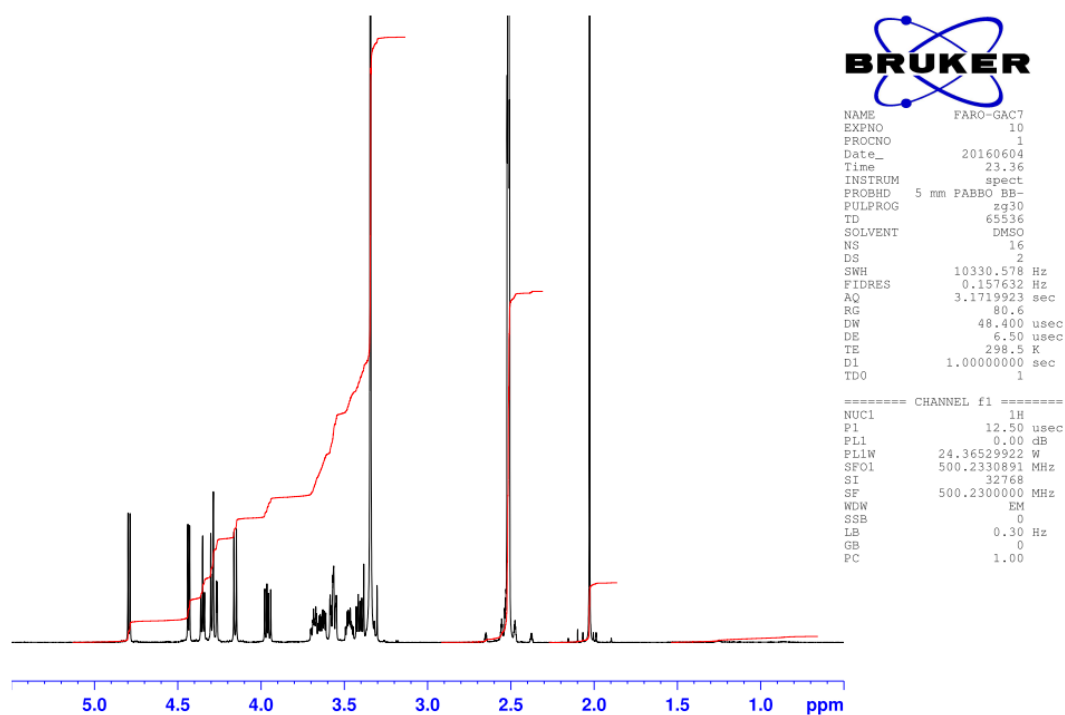


Figure S18. DEPT-135 spectra of compound 5 in DMSO

Figure S19. ^1H NMR spectra of compound 6 in DMSO

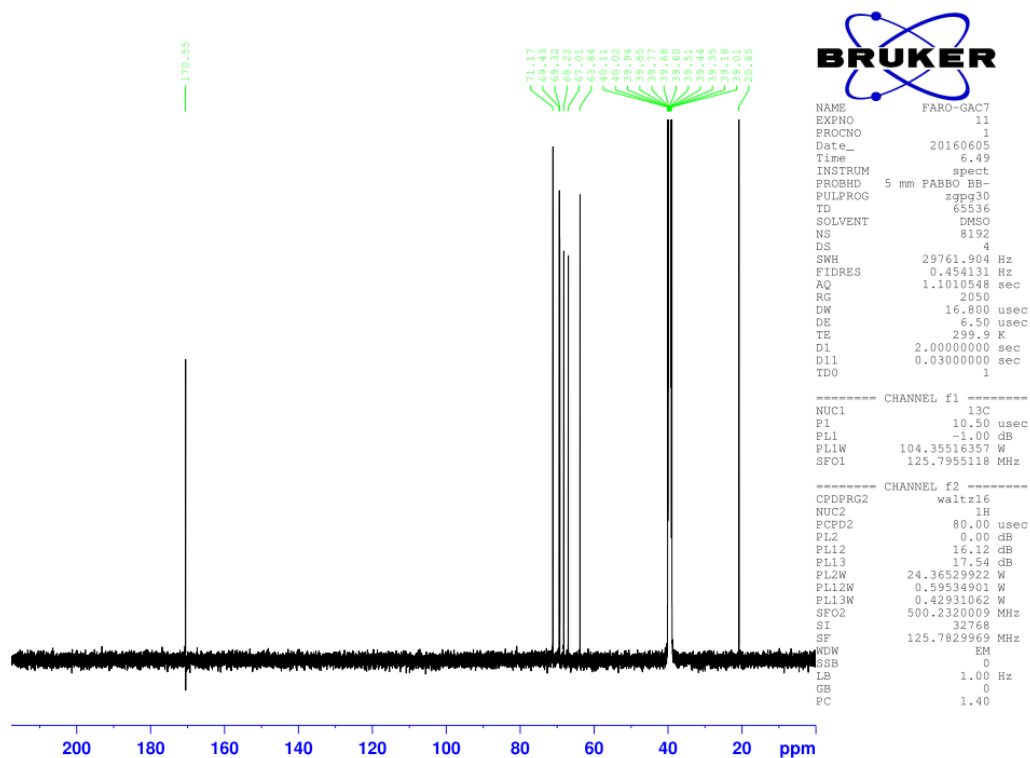
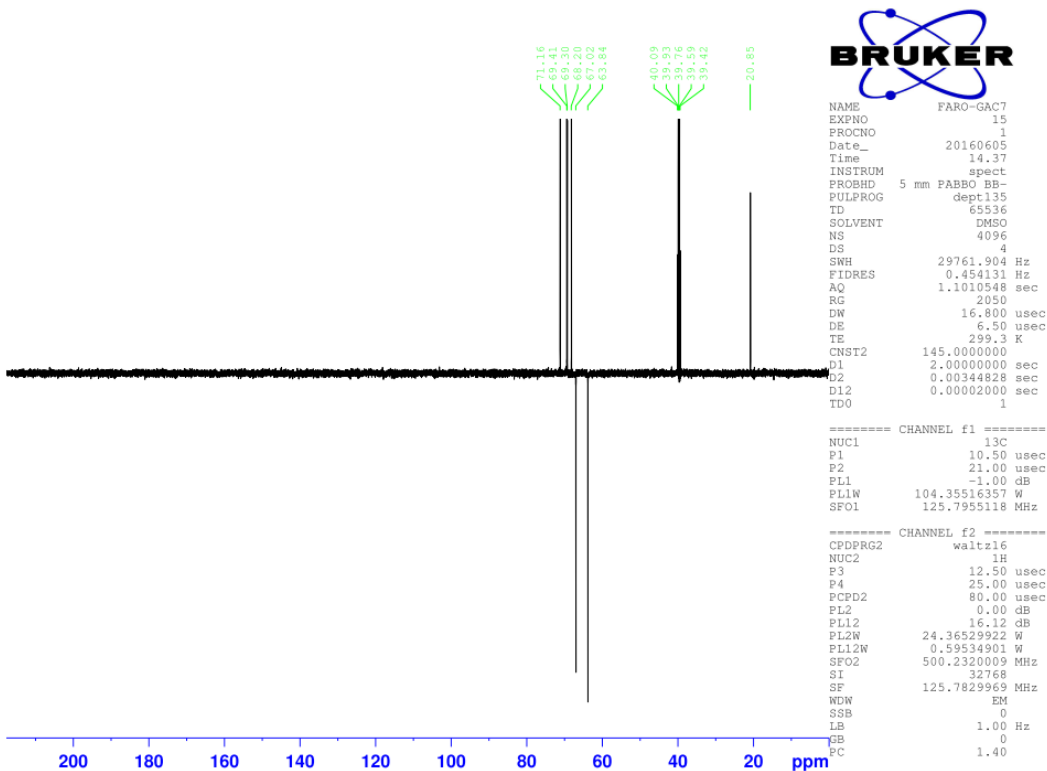
Figure S20. ^{13}C NMR spectra of compound 6 in DMSO

Figure S21. DEPT-135 spectra of compound 6 in DMSO

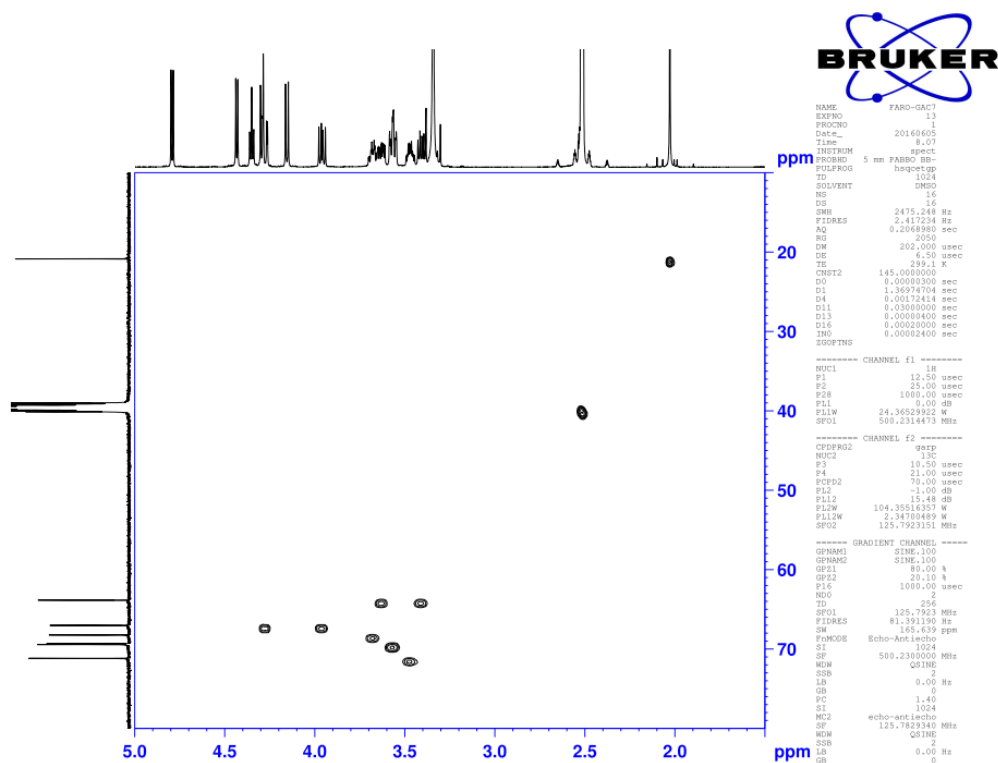


Figure S22. HSQC spectra of compound 6 in DMSO

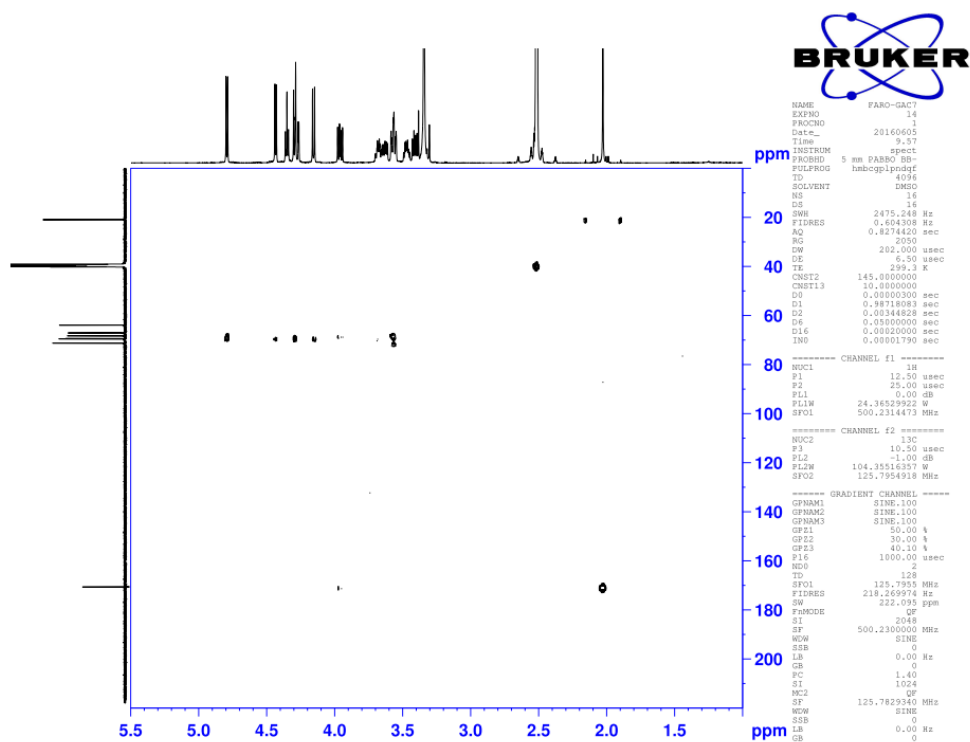


Figure S23. HMBC spectra of compound 6 in DMSO

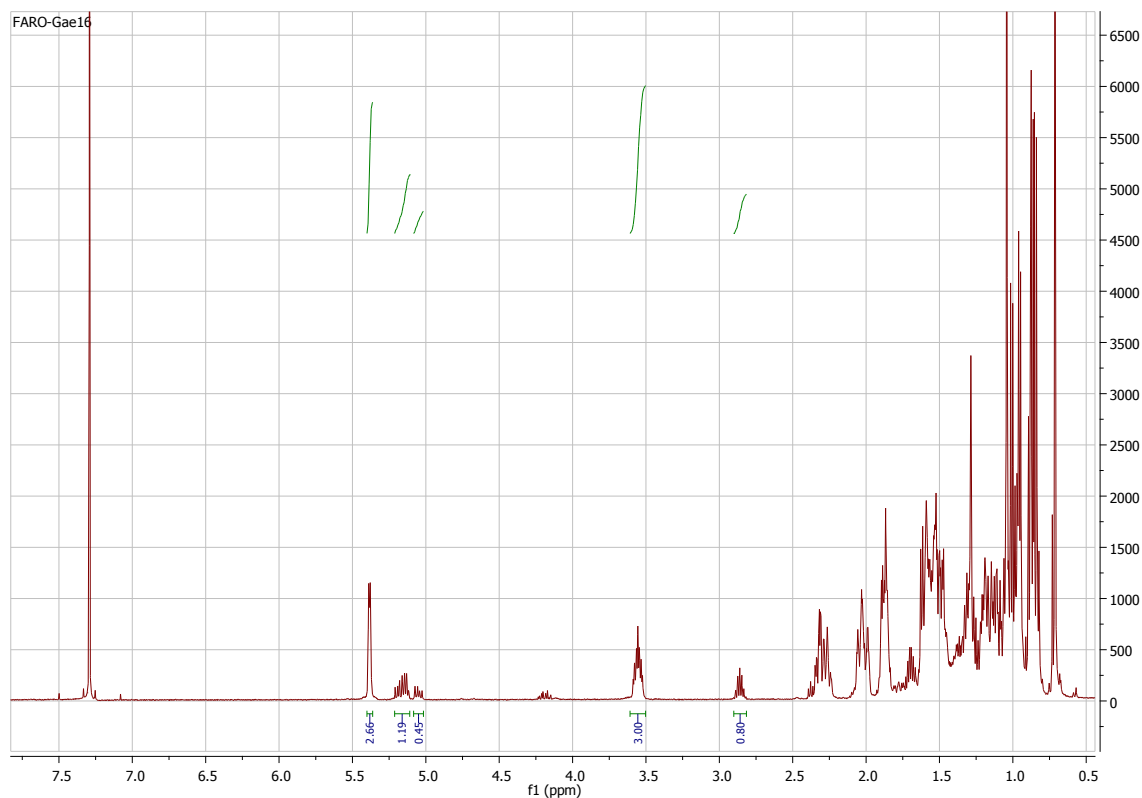


Figure S24. ^1H NMR spectra of the mixture of phytosterols 7, 8 and 9 in DMSO

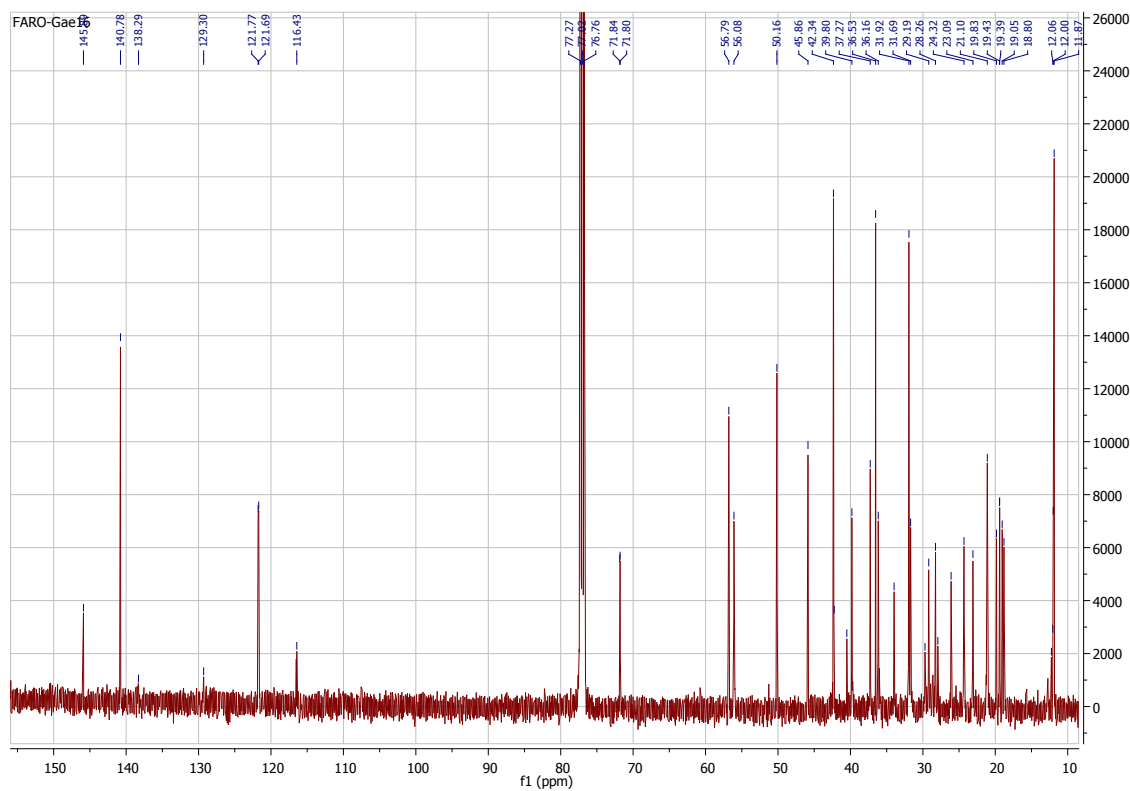


Figure S25. ^{13}C NMR spectra of the mixture of phytosterols 7, 8 and 9 in DMSO