

Supplementary Materials: New Cerebroside and Nucleoside Derivatives from a Red Sea Strain of the Marine Cyanobacterium *Moorea producens*

Diaa T.A. Youssef, Sabrin R.M. Ibrahim, Lamiaa A. Shaala, Gamal A. Mohamed and Zainy M. Banjar

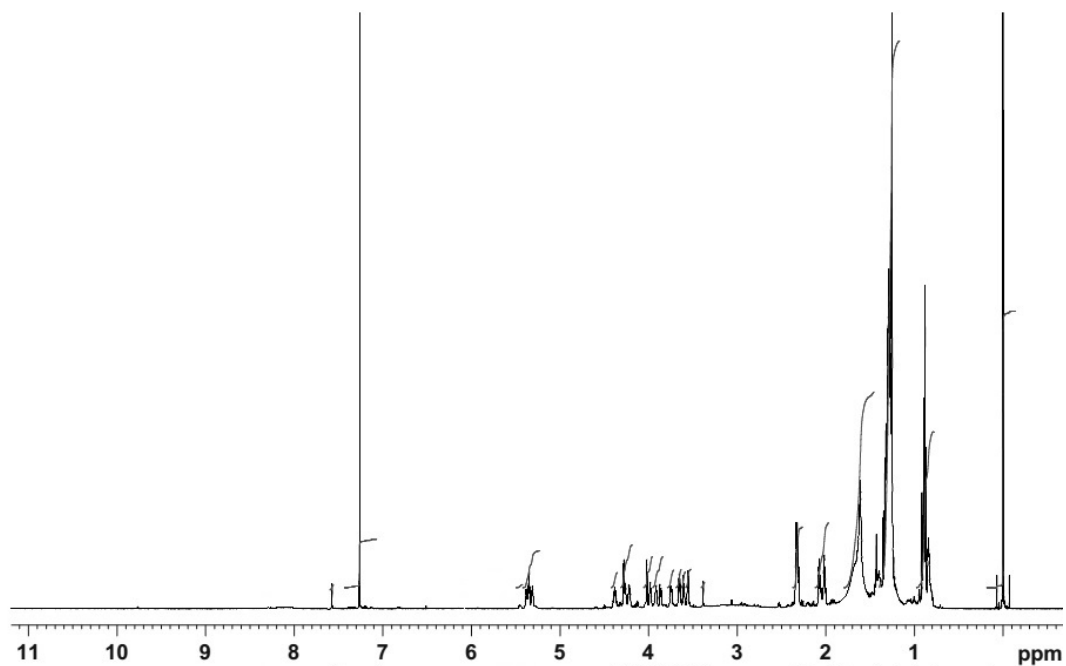


Figure S1. $^1\text{H-NMR}$ spectrum of compound 1 (850 MHz, CDCl_3).

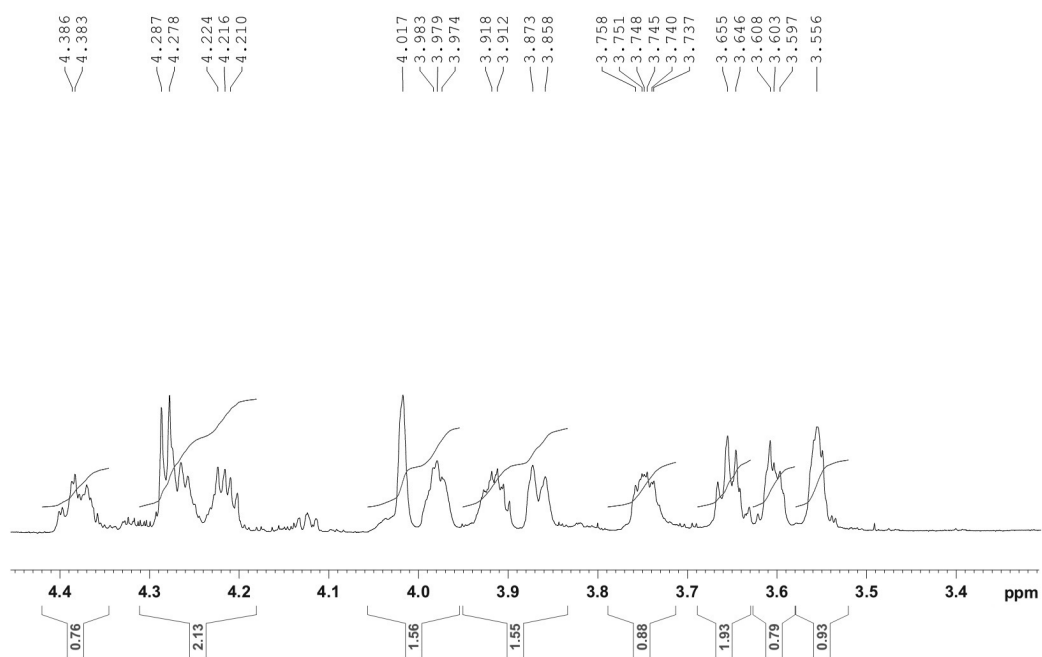


Figure S2. Partial $^1\text{H-NMR}$ spectrum of compound 1 (850 MHz, CDCl_3).

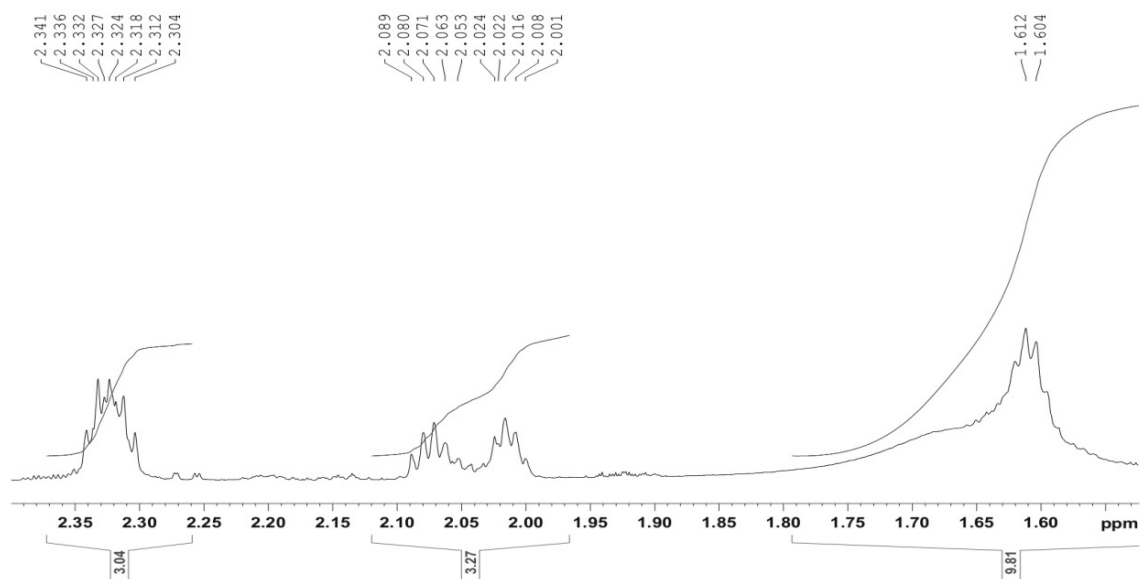


Figure S3. Partial $^1\text{H-NMR}$ spectrum of compound 1 (850 MHz, CDCl_3).

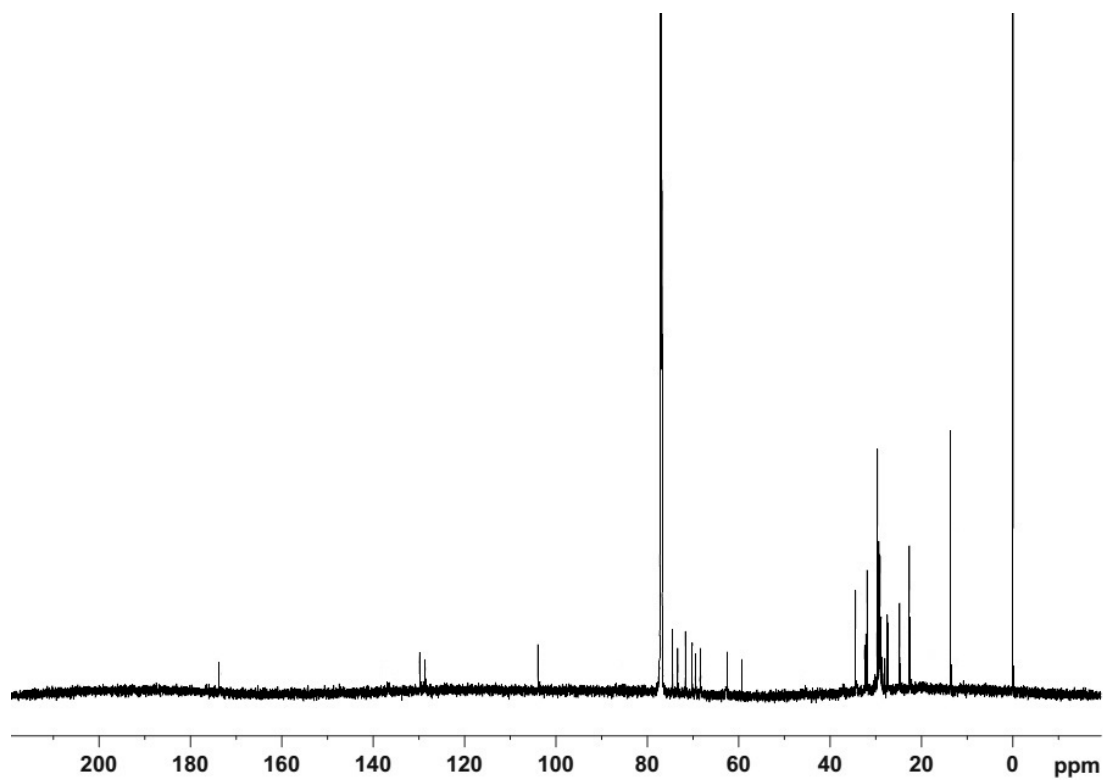


Figure S4. $^{13}\text{C-NMR}$ spectrum of compound 1 (213.8 MHz, CDCl_3).

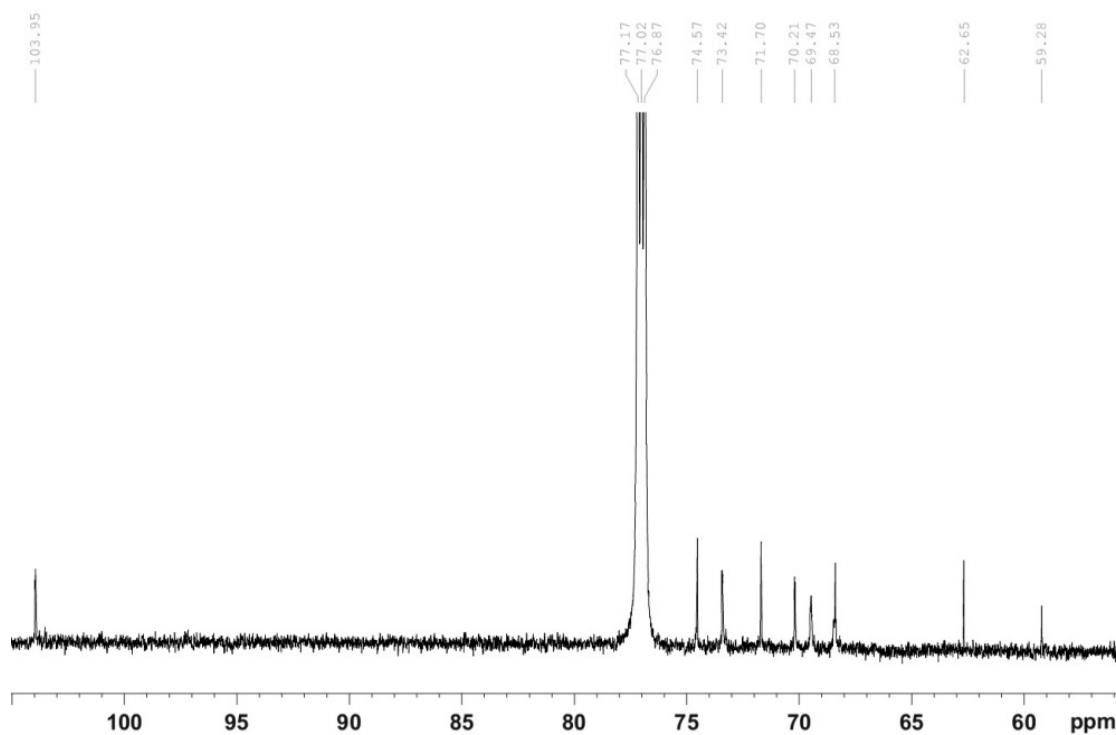


Figure S5. Partial ^{13}C -NMR spectrum of compound 1 (213.8 MHz, CDCl_3).

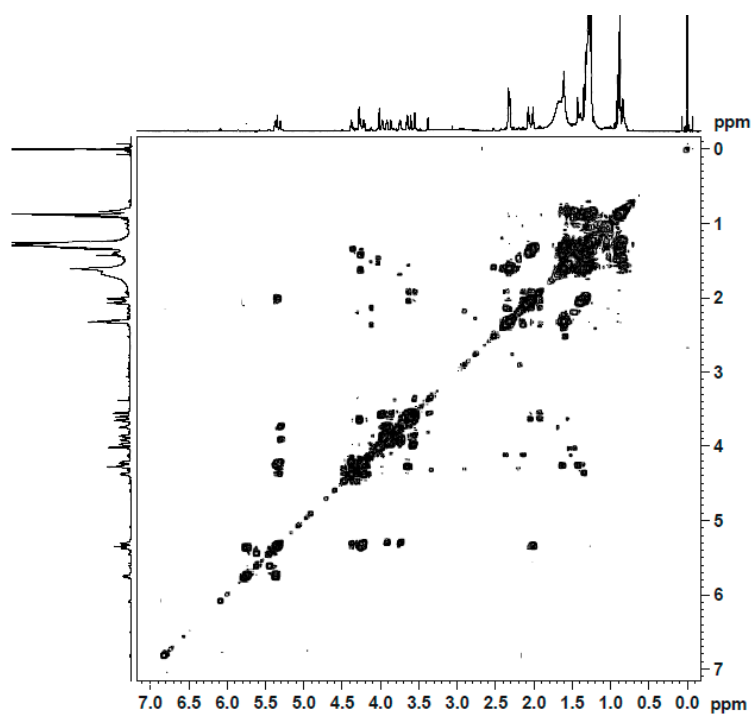


Figure S6. COSY spectrum of compound 1.

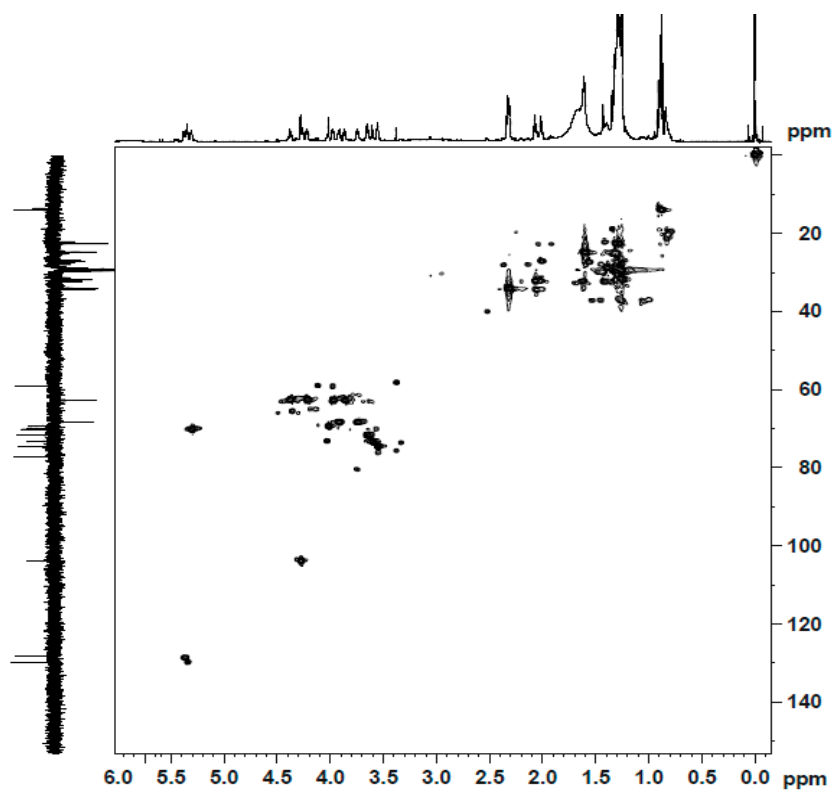


Figure S7. HSQC spectrum of compound 1.

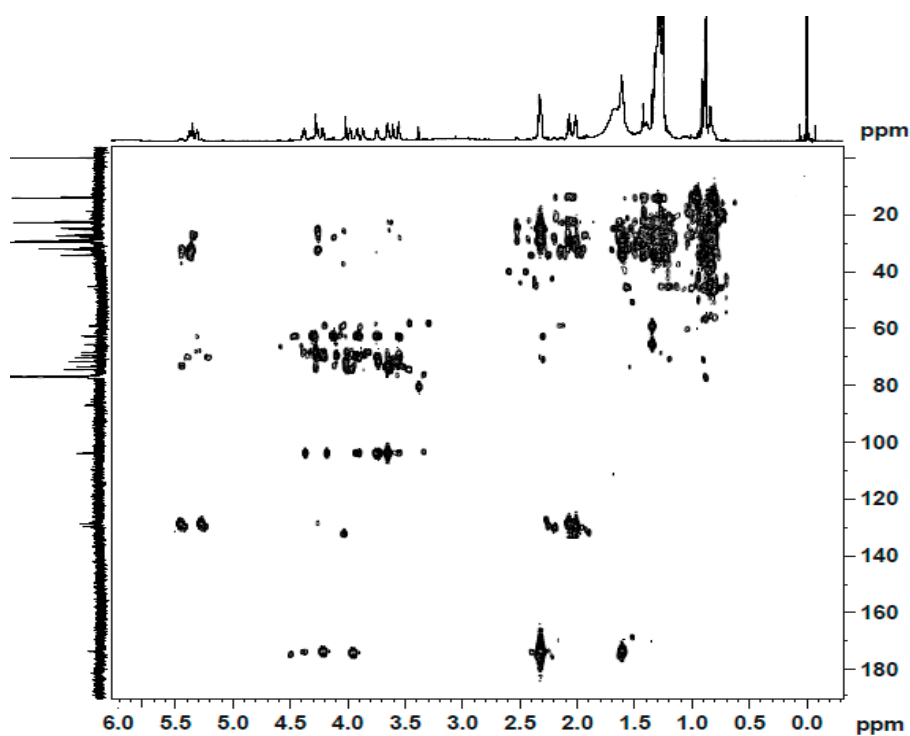


Figure S8. HMBC spectrum of compound 1.

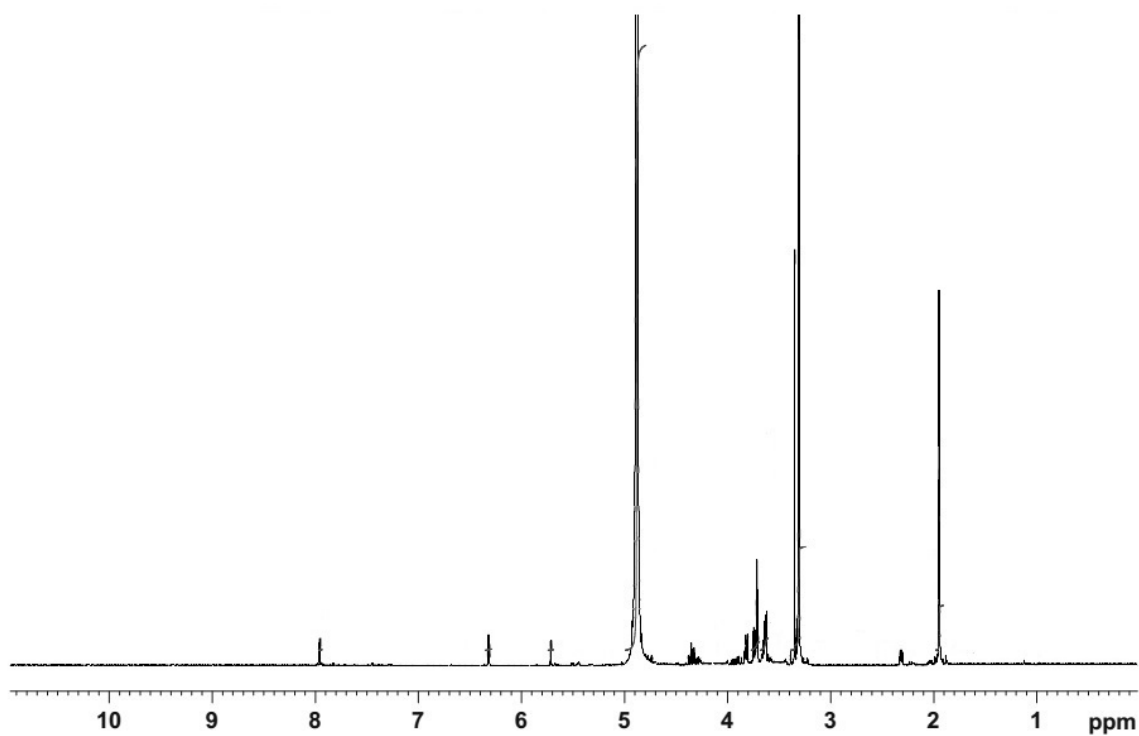


Figure S9. ^1H -NMR spectrum of compound 2 (850 MHz, CD_3OD).

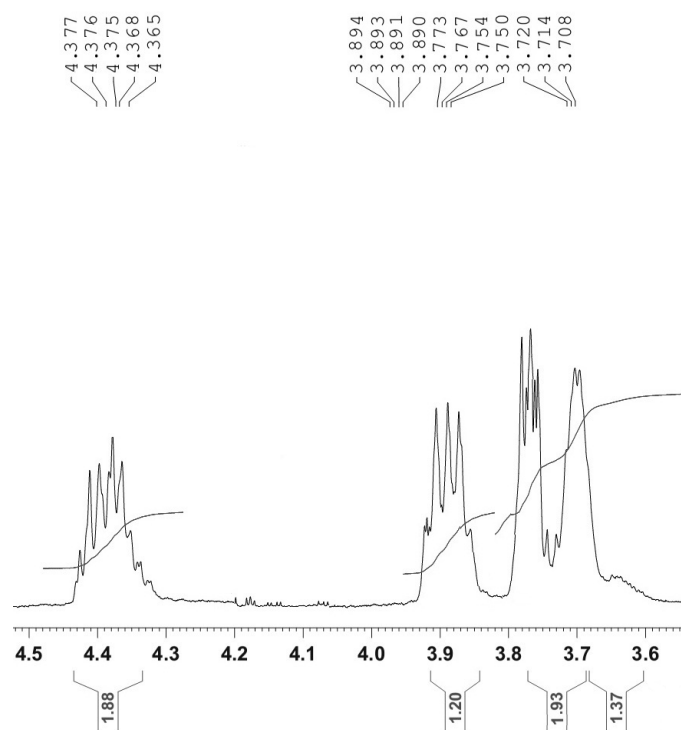


Figure S10. Partial ^1H -NMR spectrum of compound 2 (850 MHz, CD_3OD).

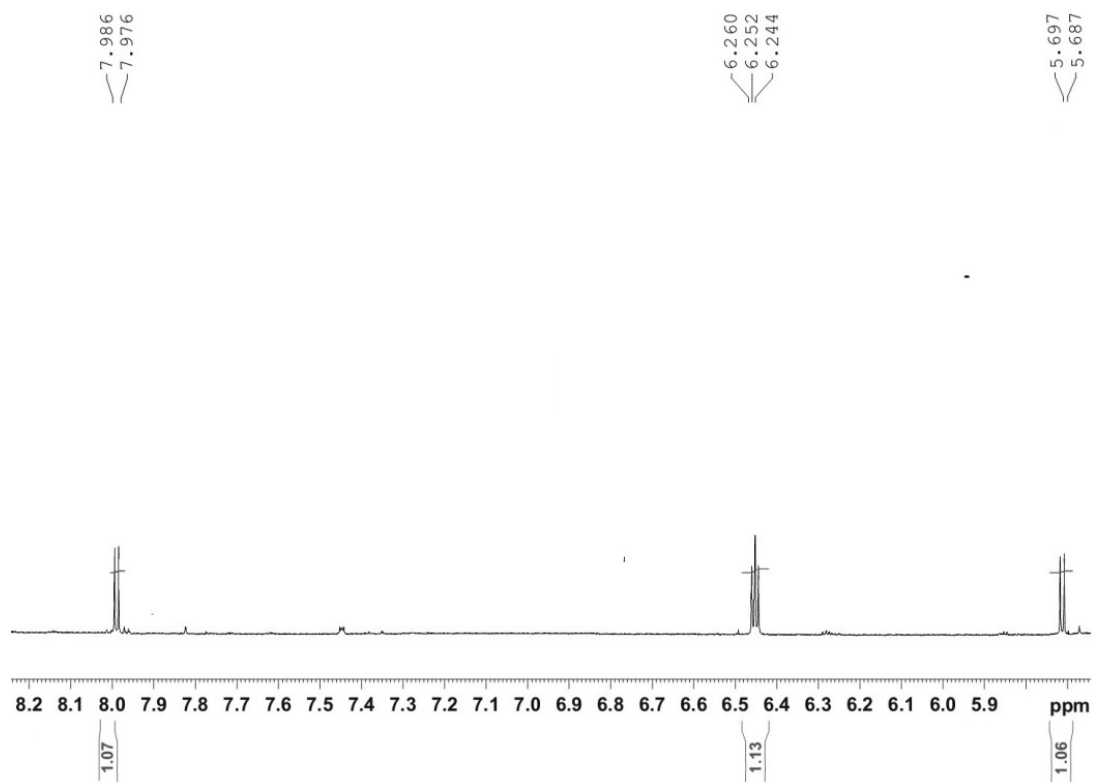


Figure S11. Partial $^1\text{H-NMR}$ spectrum of compound 2 (850 MHz, CD_3OD).

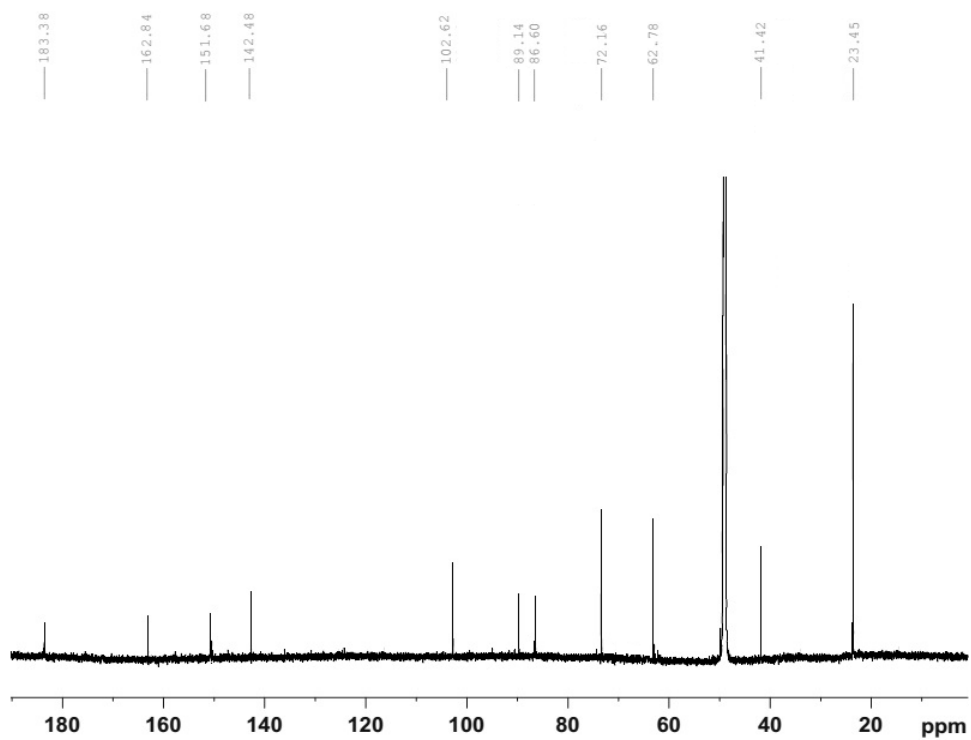


Figure S12. $^{13}\text{C-NMR}$ spectrum of compound 2 (213.8 MHz, CD_3OD).

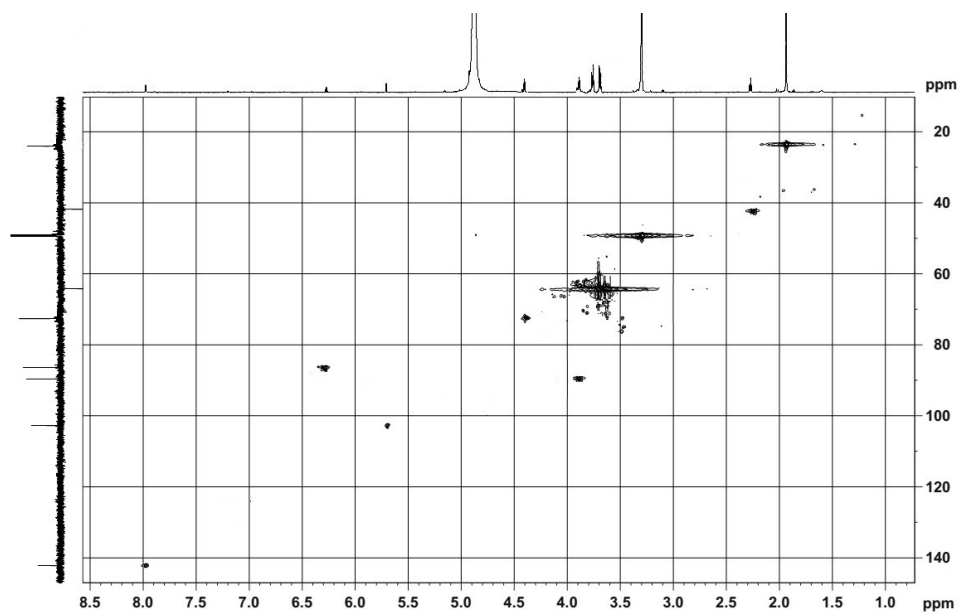


Figure S13. HSQC spectrum of compound 2.

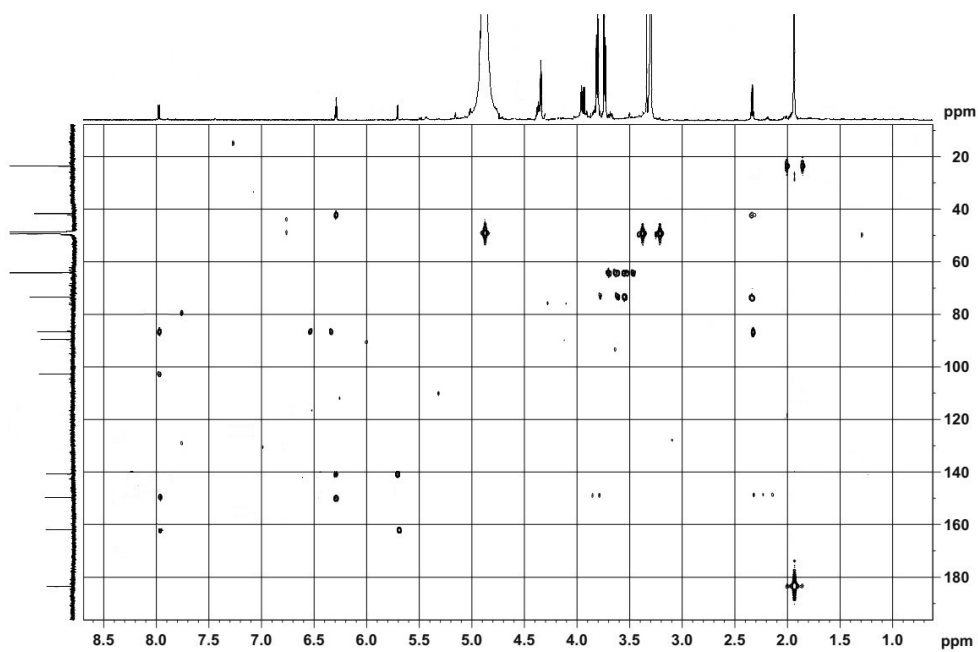


Figure S14. HMBC spectrum of compound 2.

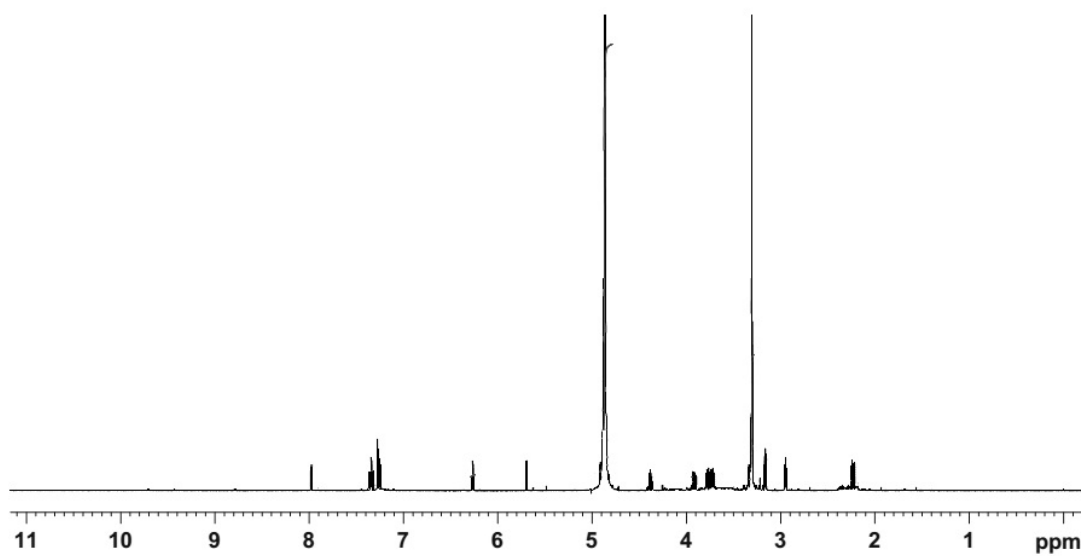


Figure S15. ^1H -NMR spectrum of compound 3 (850 MHz, CD_3OD).

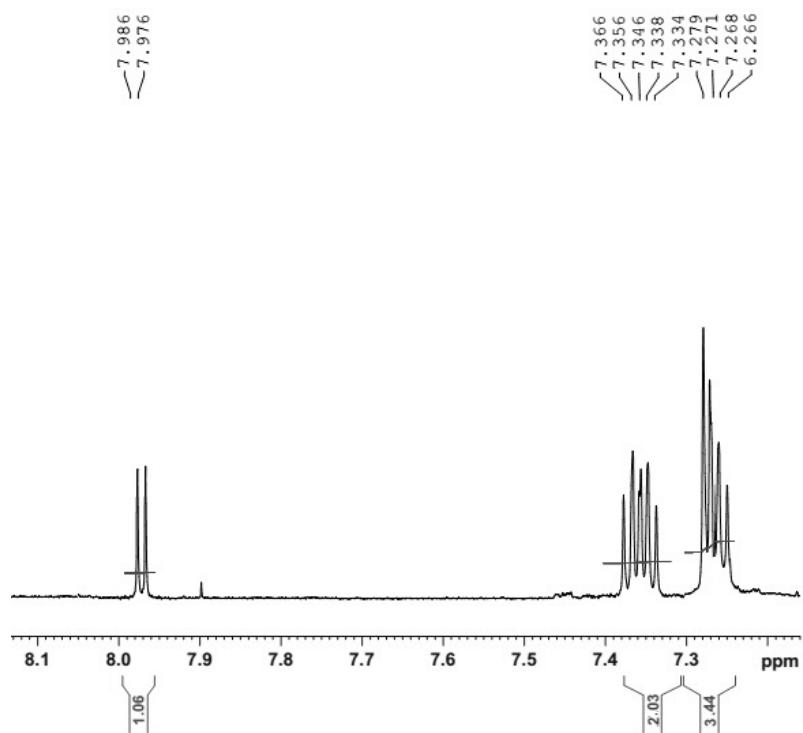


Figure S16. Partial ^1H -NMR spectrum of compound 3 (850 MHz, CD_3OD).

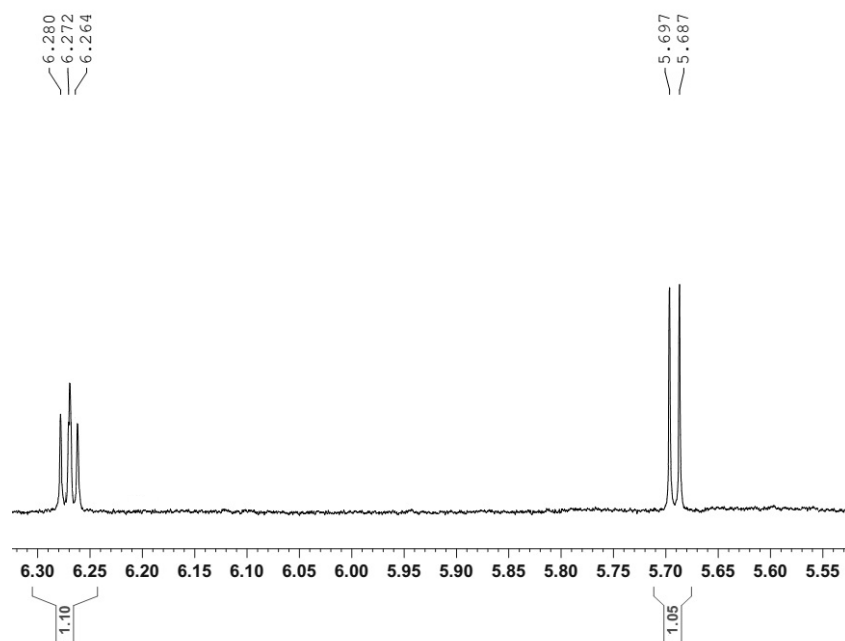


Figure S17. Partial ^1H -NMR spectrum of compound 3 (850 MHz, CD_3OD).

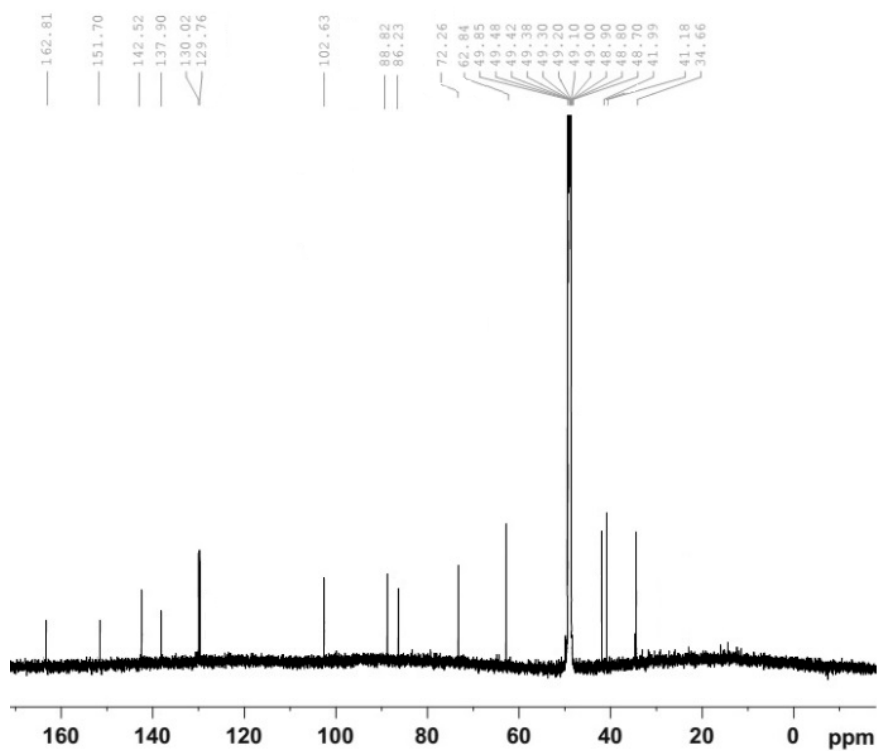


Figure S18. ^{13}C -NMR spectrum of compound 3 (213.8 MHz, CD_3OD).

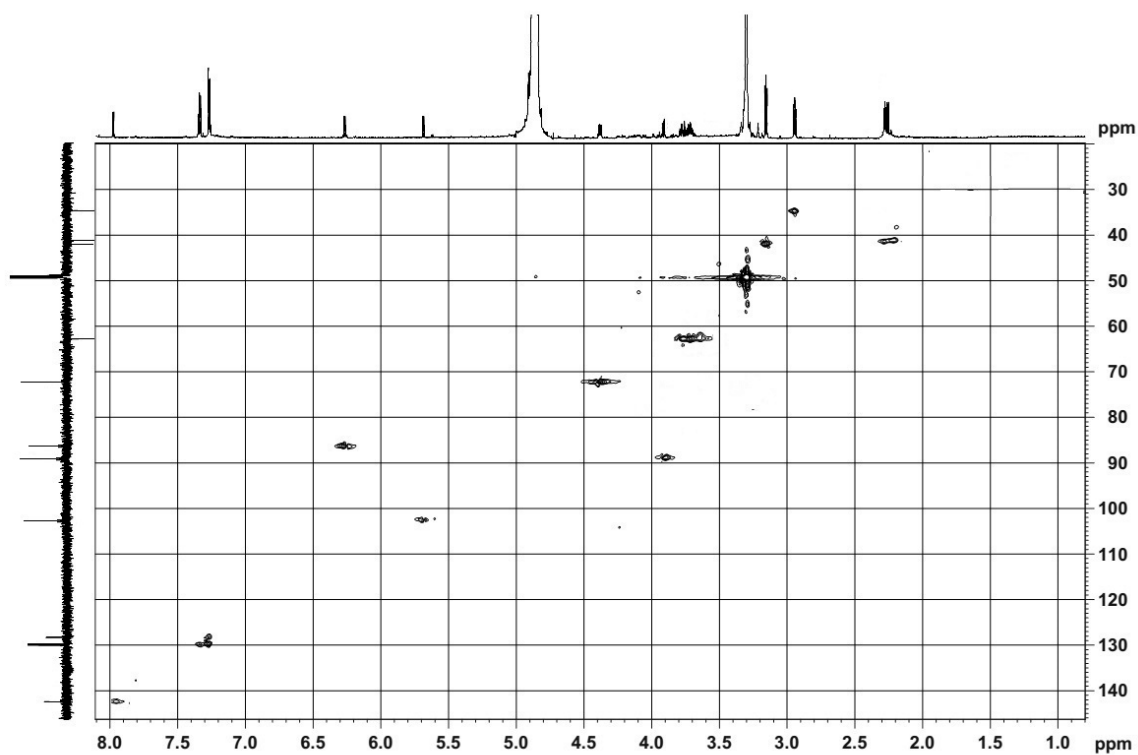


Figure S19. HSQC spectrum of compound 3.

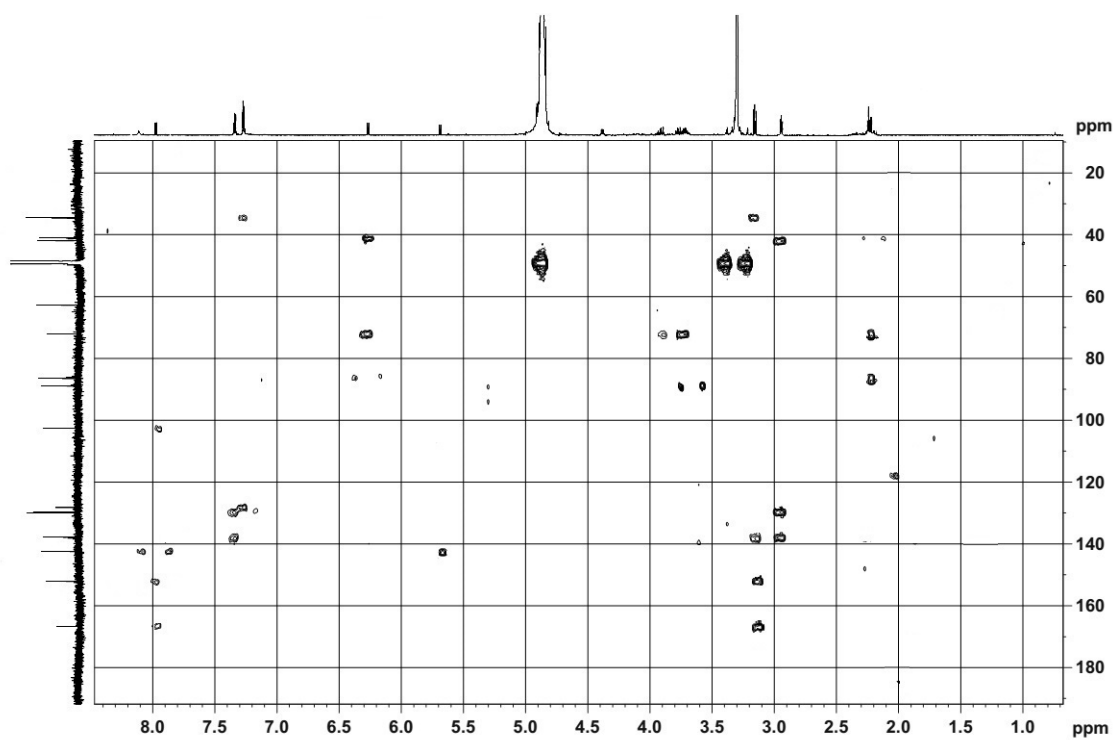


Figure S20. HMBC spectrum of compound 3.