



Supplementary Material

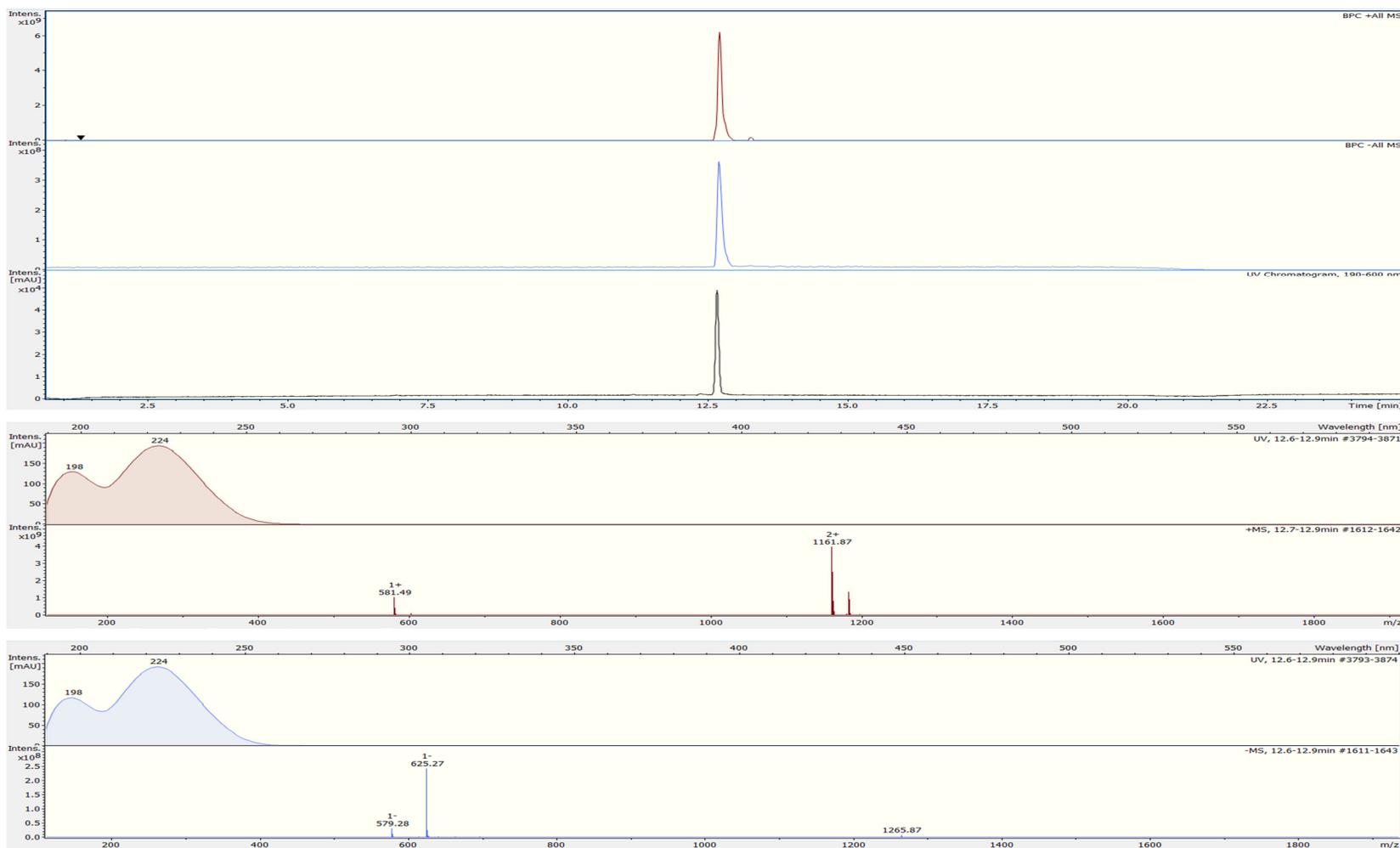


Figure S1. HPLC-ESI-MS spectrum of morinagadepsin (1) in positive and negative mode.

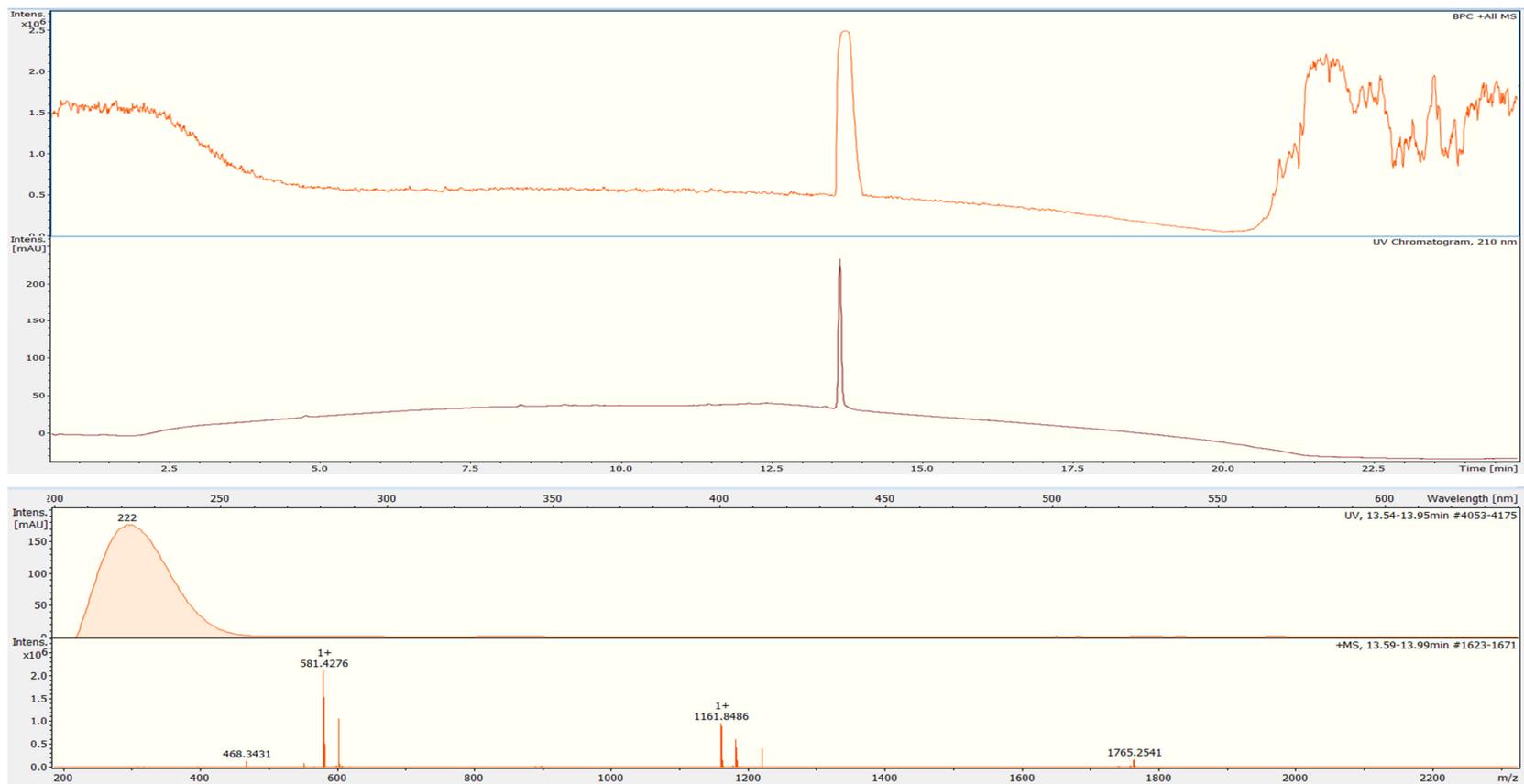


Figure S2. HPLC-HRESI-MS spectrum of morinagadepsin (1) in positive mode.

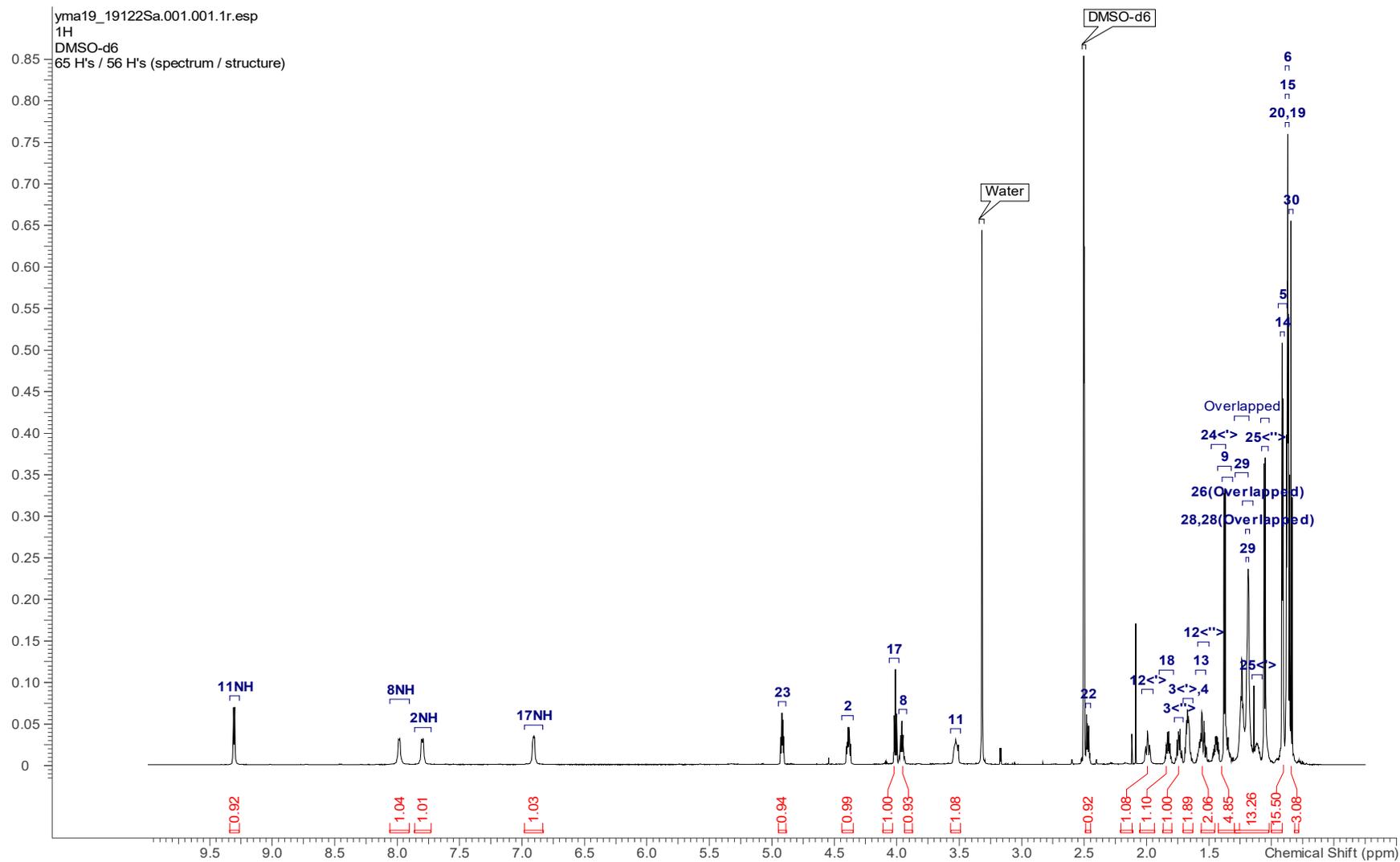


Figure S3. ^1H NMR spectrum (700 MHz, $\text{DMSO}-d_6$) of morinagadepsin (1).

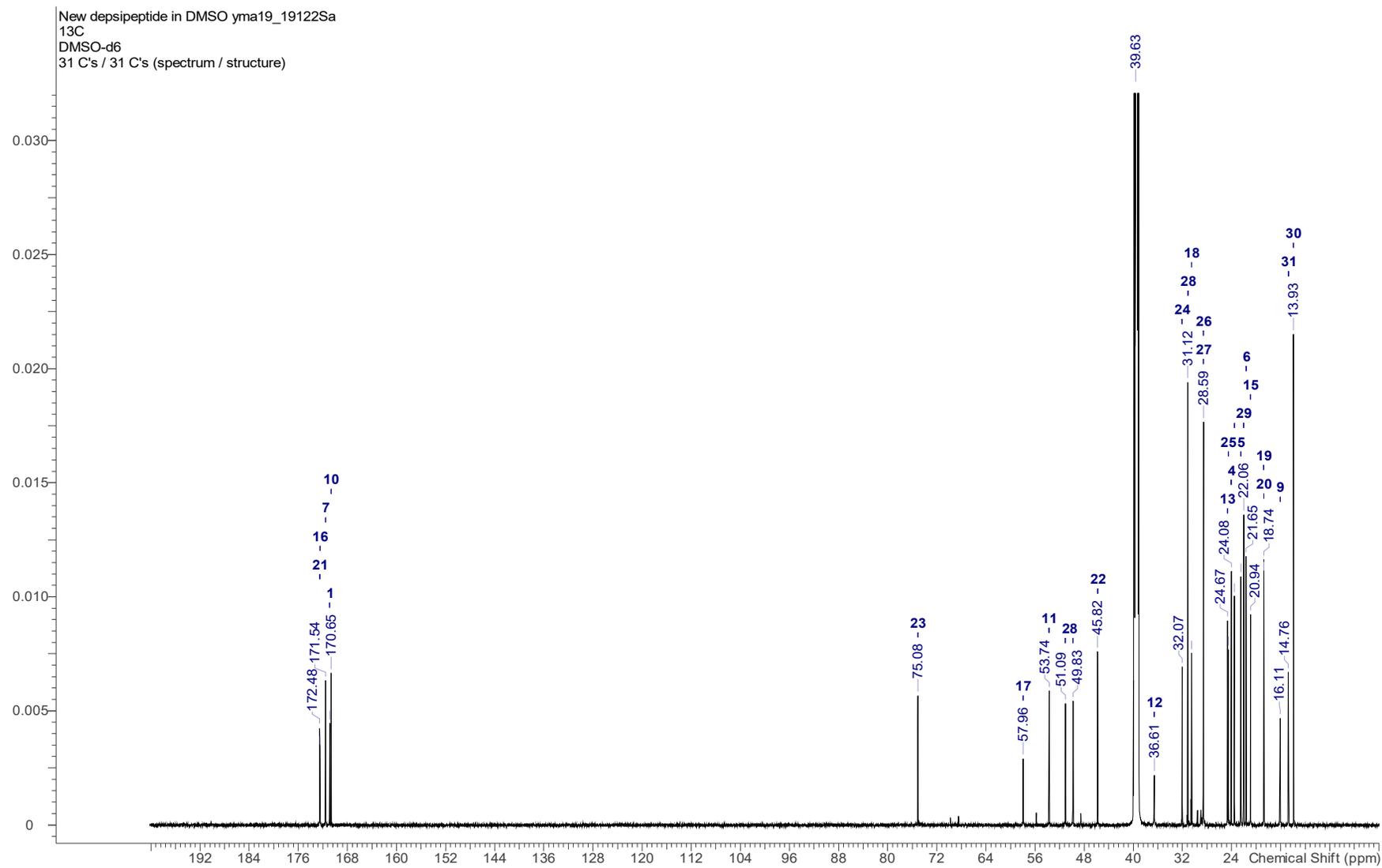


Figure S4. ^{13}C NMR spectrum (175 MHz, $\text{DMSO-}d_6$) of morinagadepsin (1).

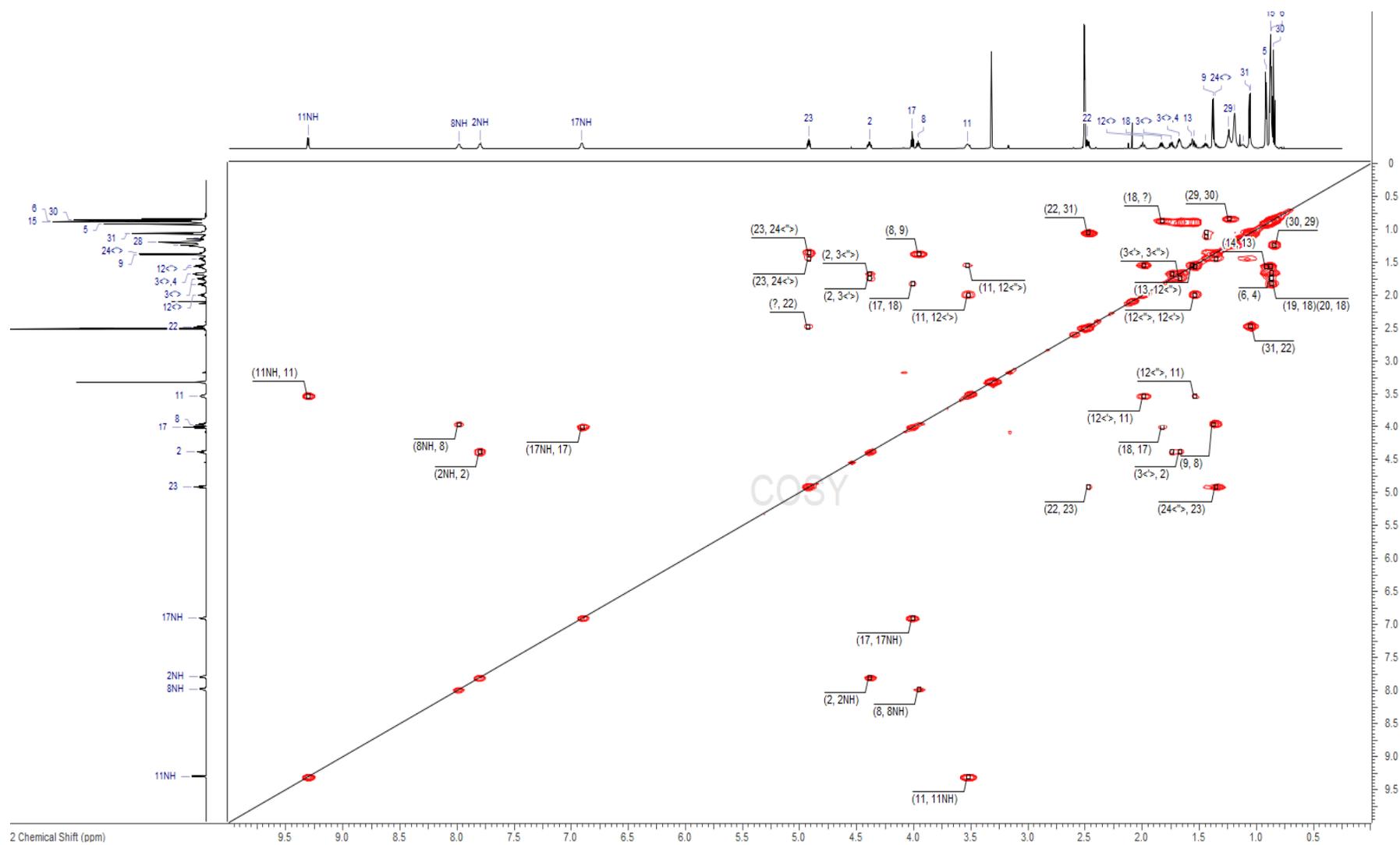


Figure S5. COSY NMR spectrum (700 MHz, DMSO-*d*₆) of morinagadepsin (1).

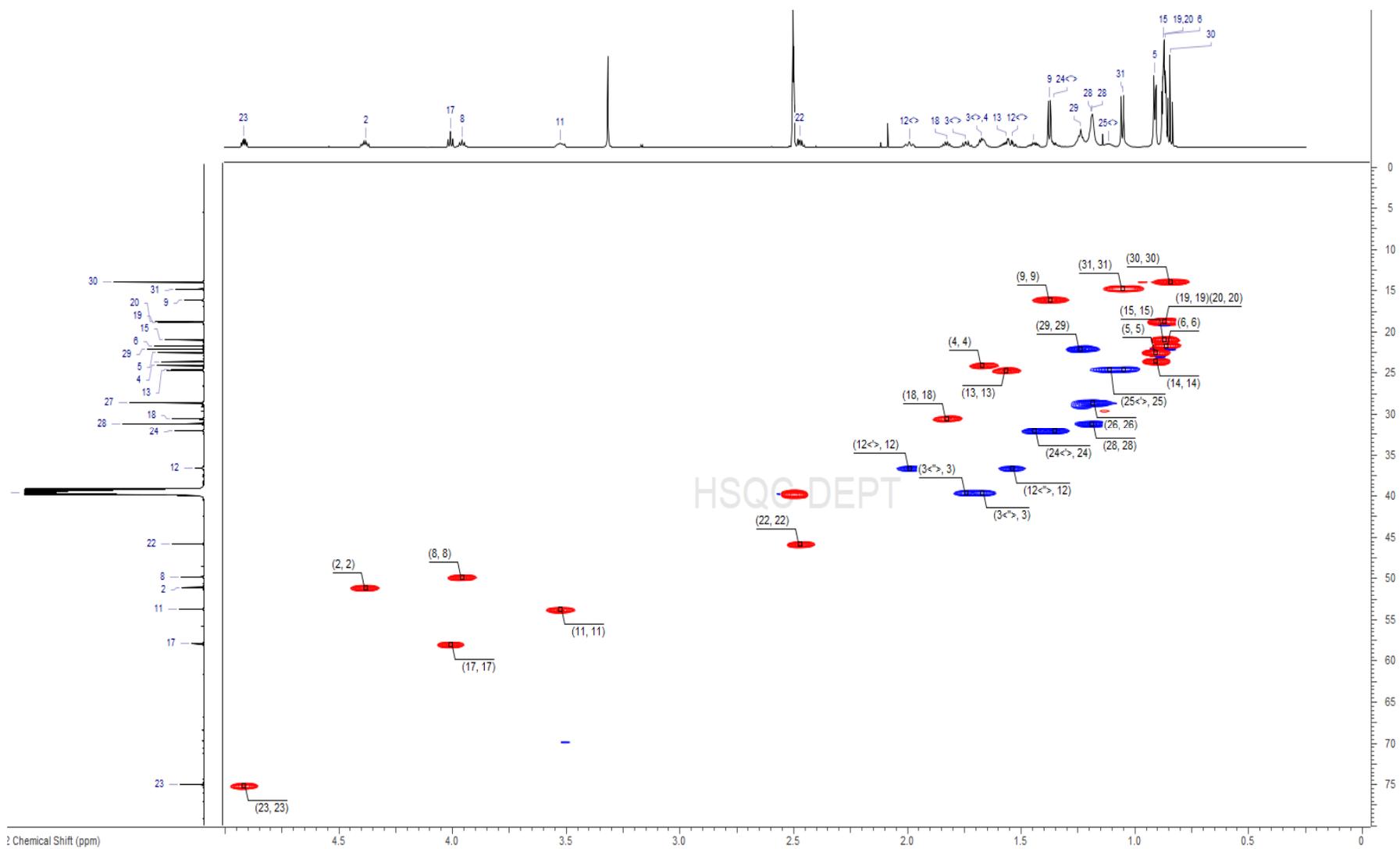


Figure S6. HSQC NMR spectrum (700 MHz, DMSO-*d*₆) of morinagadepsin (1).

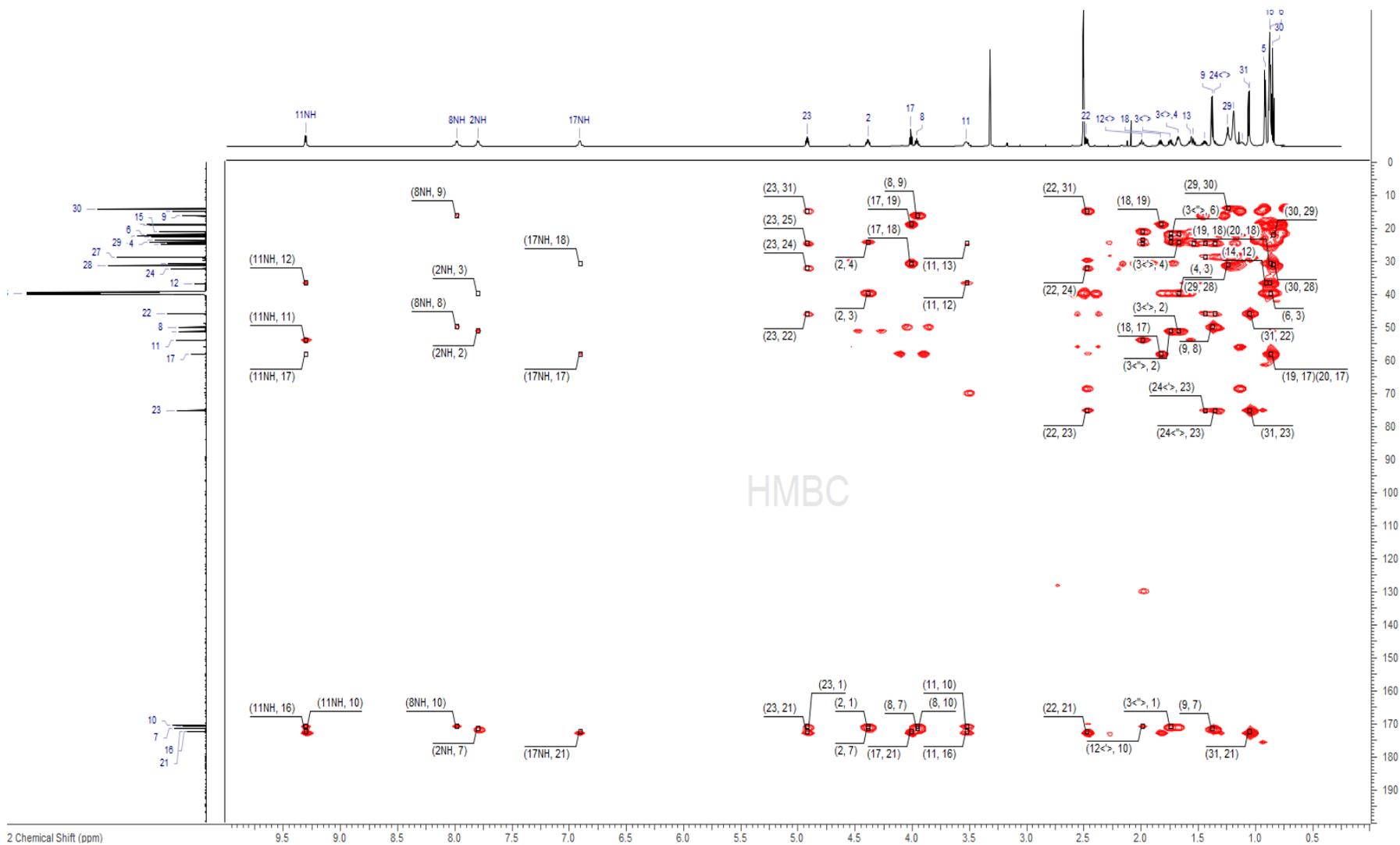


Figure S7. HMBC NMR spectrum (700 MHz, DMSO-*d*₆) of morinagadepsin (1).

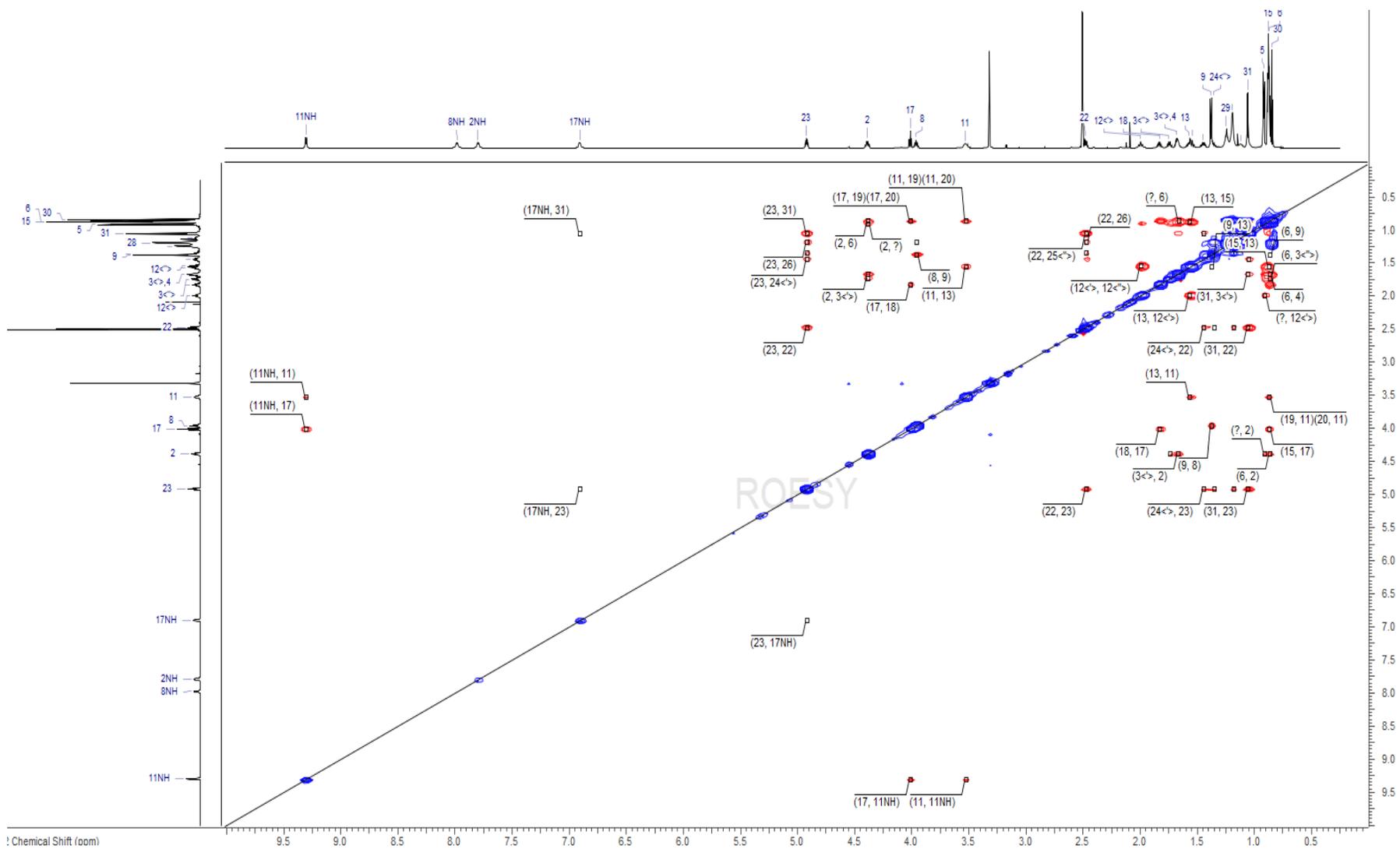


Figure S8. ROESY NMR spectrum (700 MHz, DMSO- d_6) of morinagadepsin (**1**).

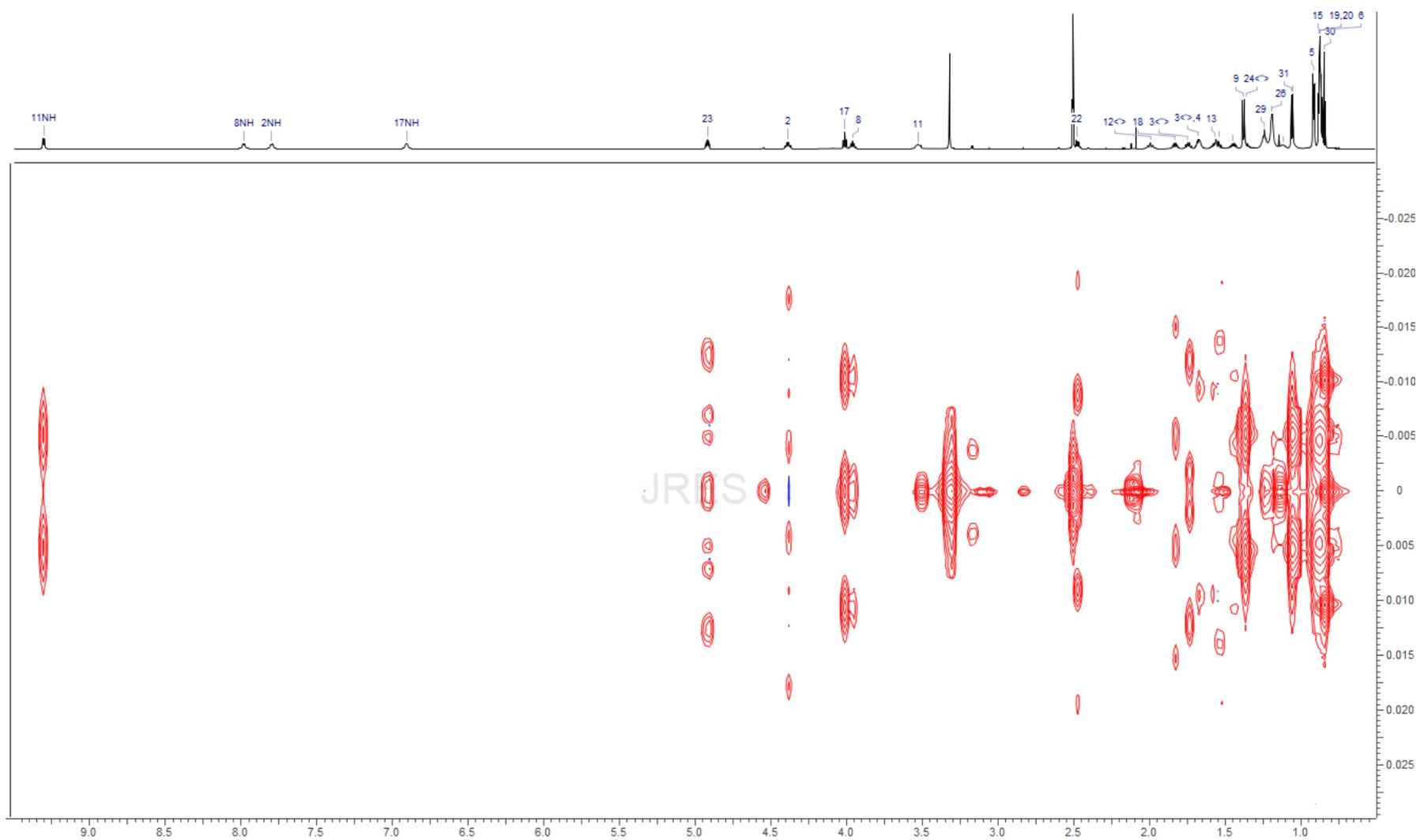


Figure S9. J-res NMR spectrum (700 MHz, DMSO-*d*₆) of morinagadepsin (1).

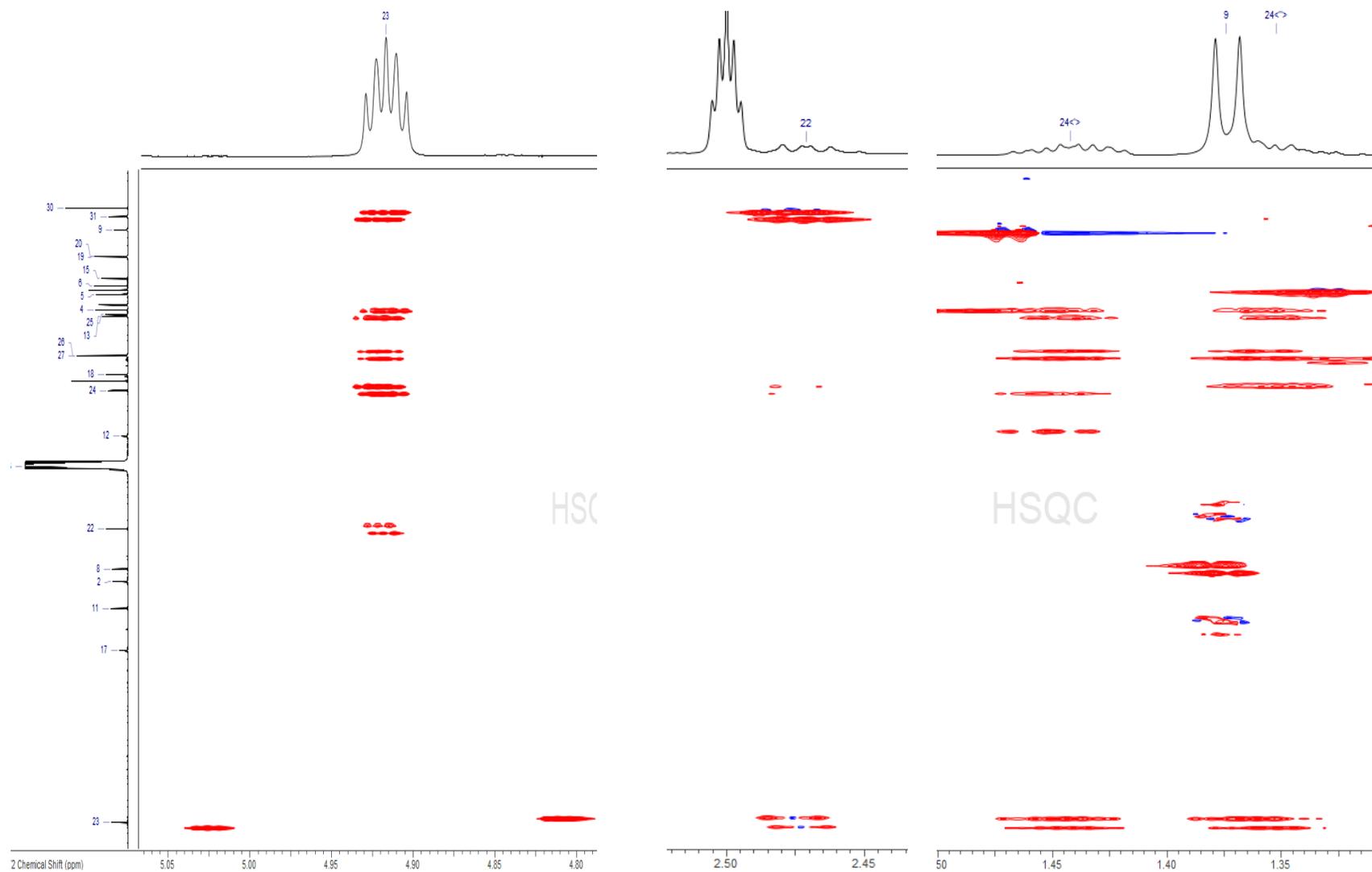


Figure S10. Sections from the HSQC-Hecade NMR spectrum (700 MHz, DMSO-*d*₆) of morinagadepsin (**1**).

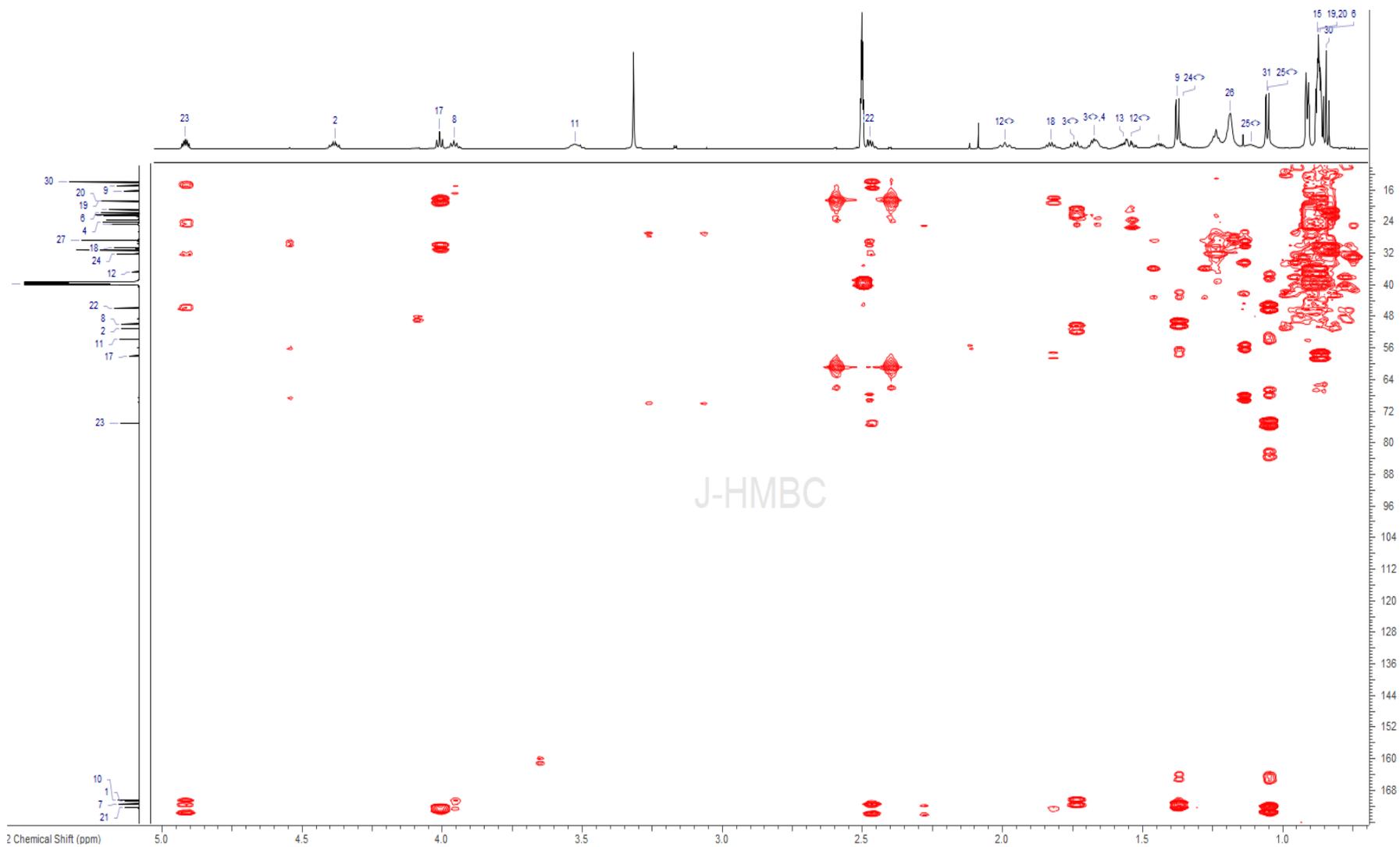


Figure S11. J-HMBC NMR spectrum (700 MHz, DMSO-*d*₆) of morinagadepsin (1).

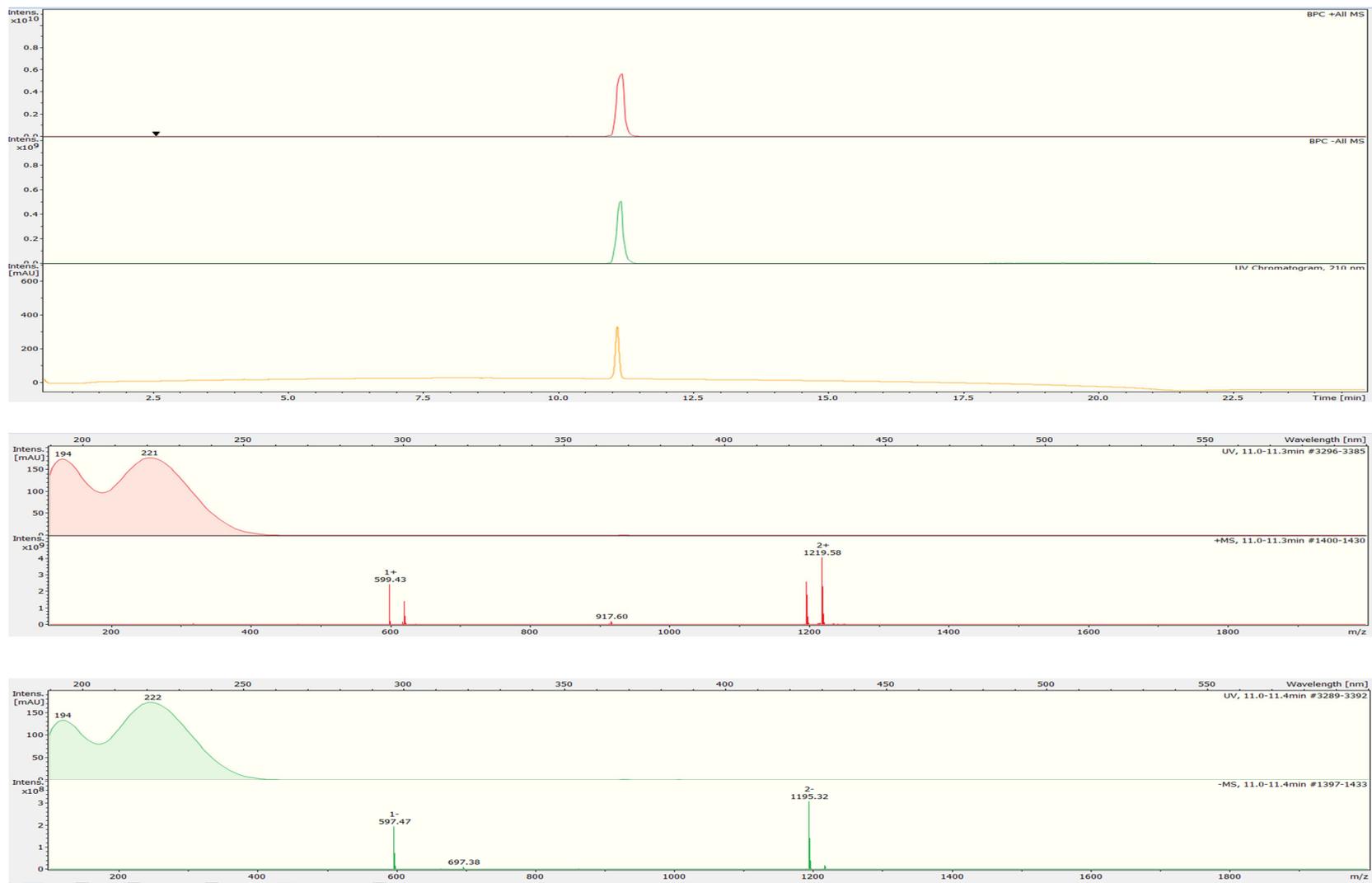


Figure S12. HPLC-ESI-MS spectrum of 2 in positive and negative mode.

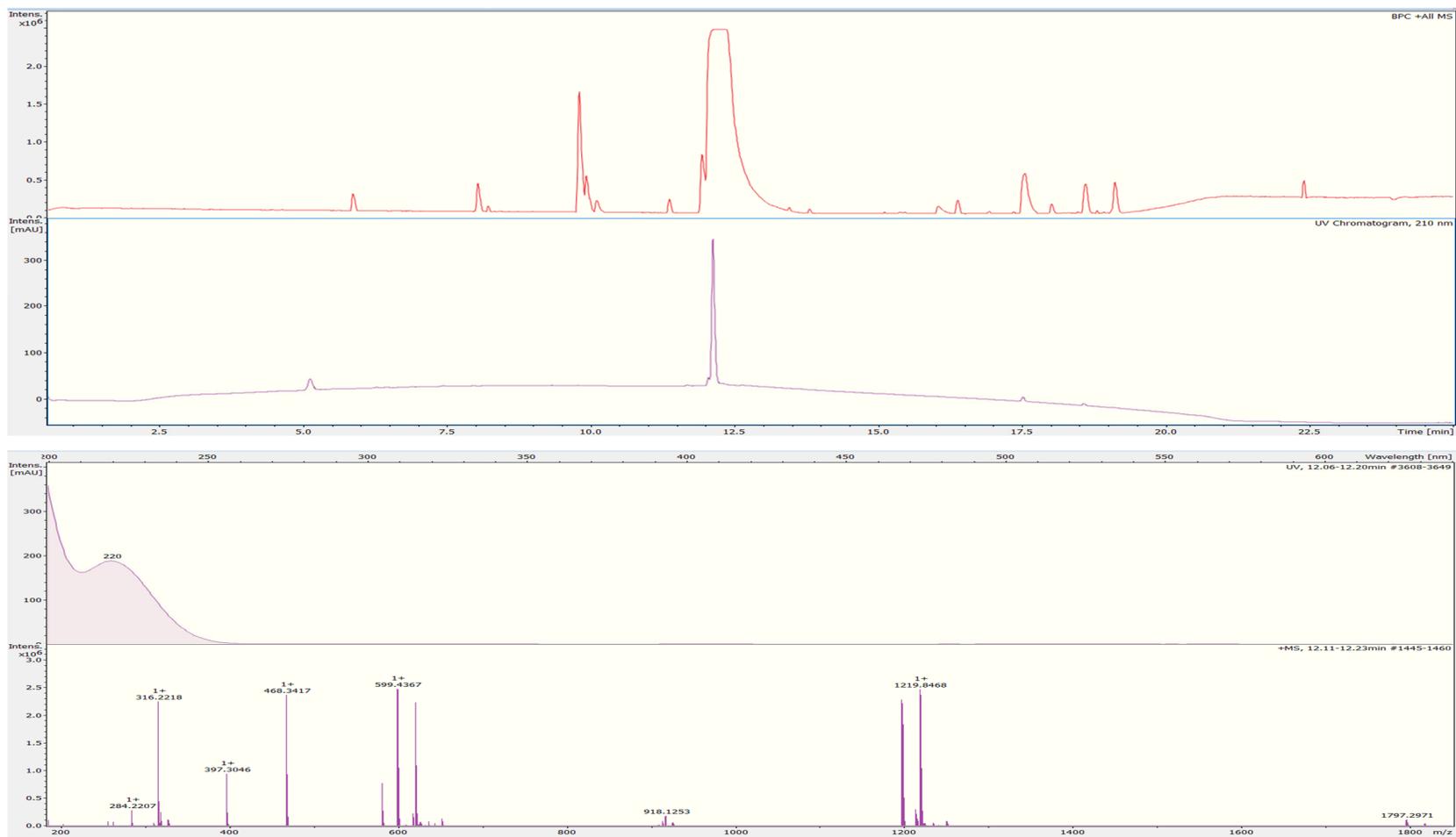


Figure S13. HPLC-HRESI-MS spectrum of 2 in positive mode.

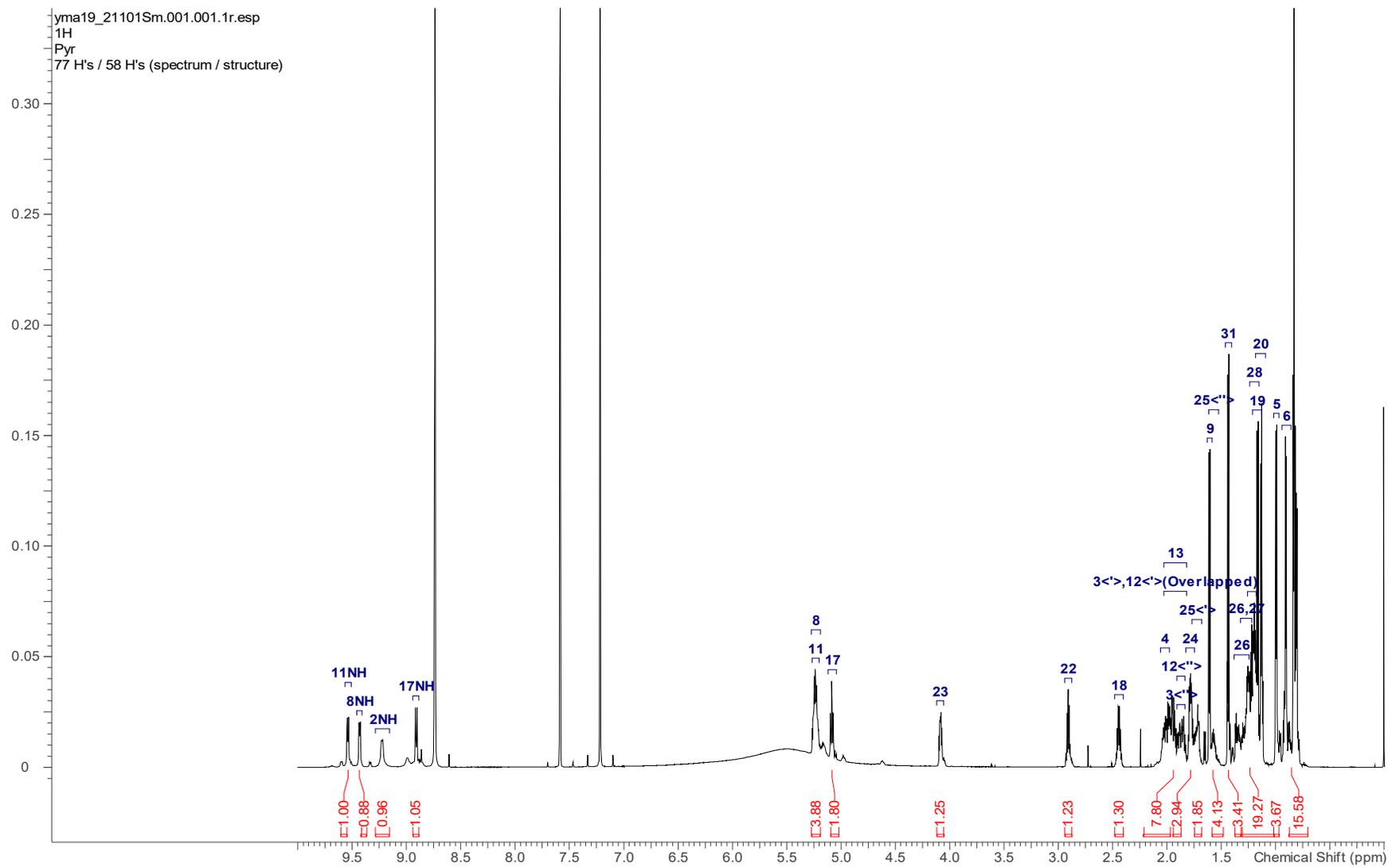


Figure S14. ¹H NMR spectrum (700 MHz, pyridine-*d*₅) of 2.

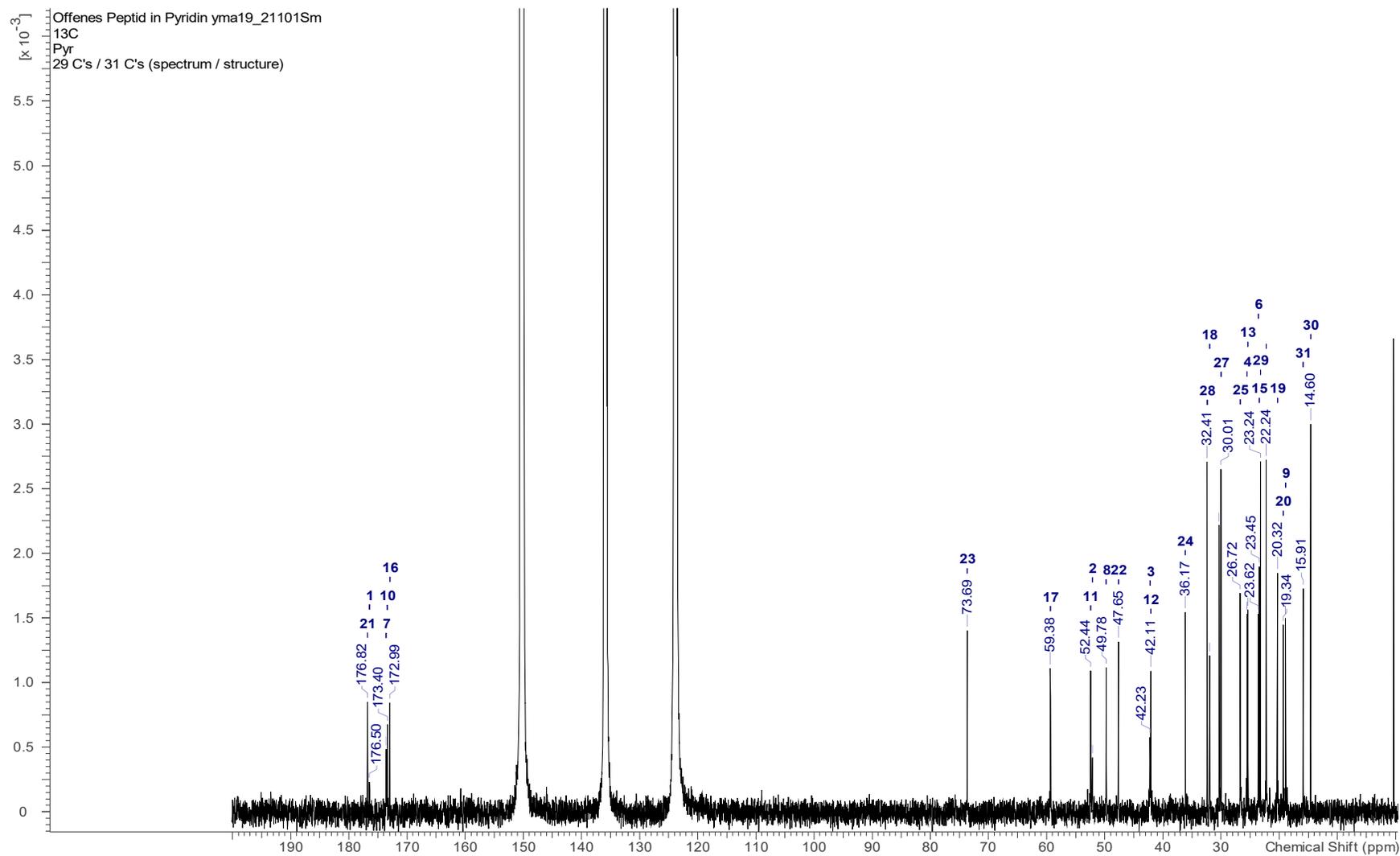


Figure S15. ¹³C NMR spectrum (175 MHz, pyridine-*d*₅) of 2.

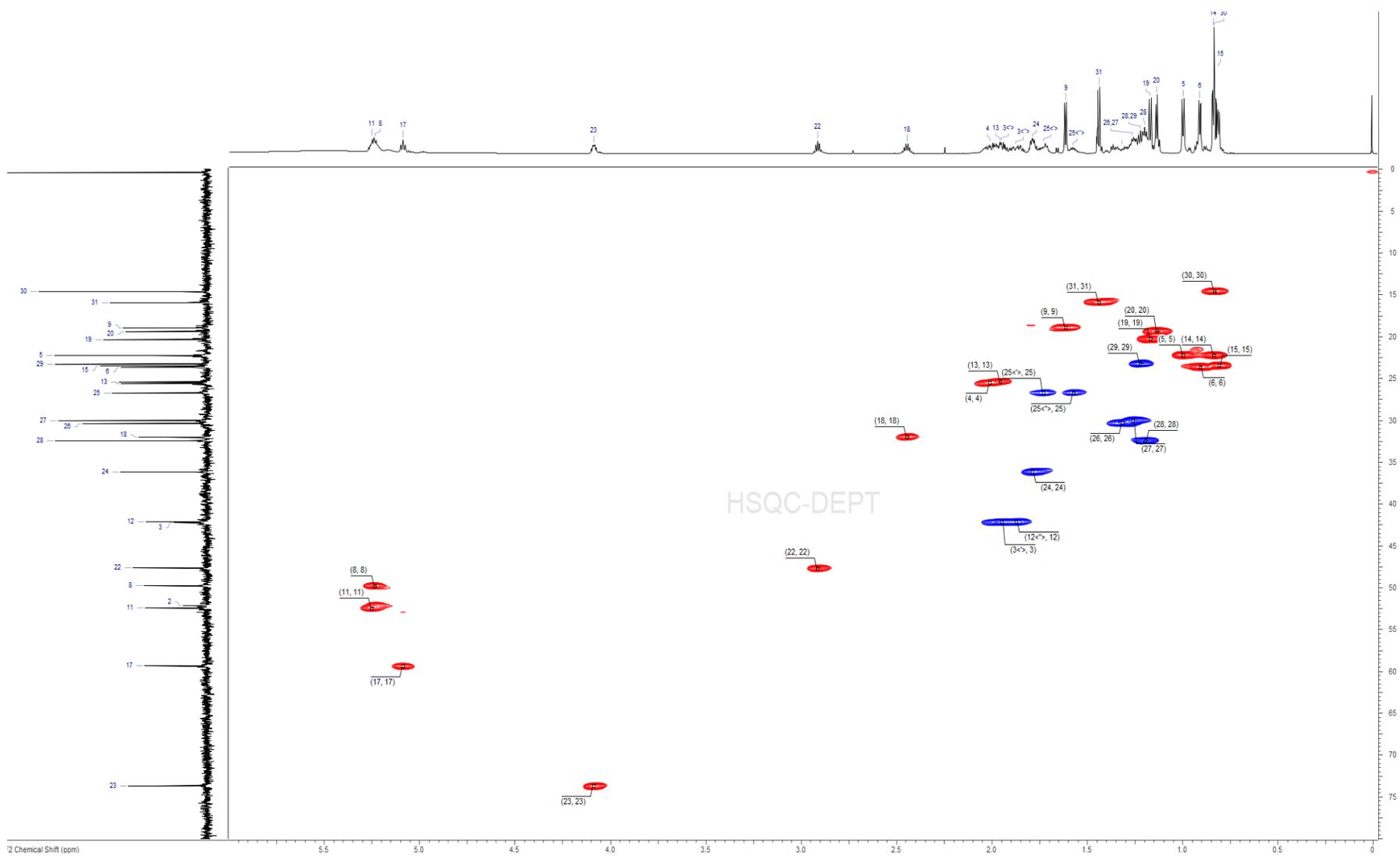


Figure S16. HSQC NMR spectrum (700 MHz, pyridine-*d*₅) of 2.

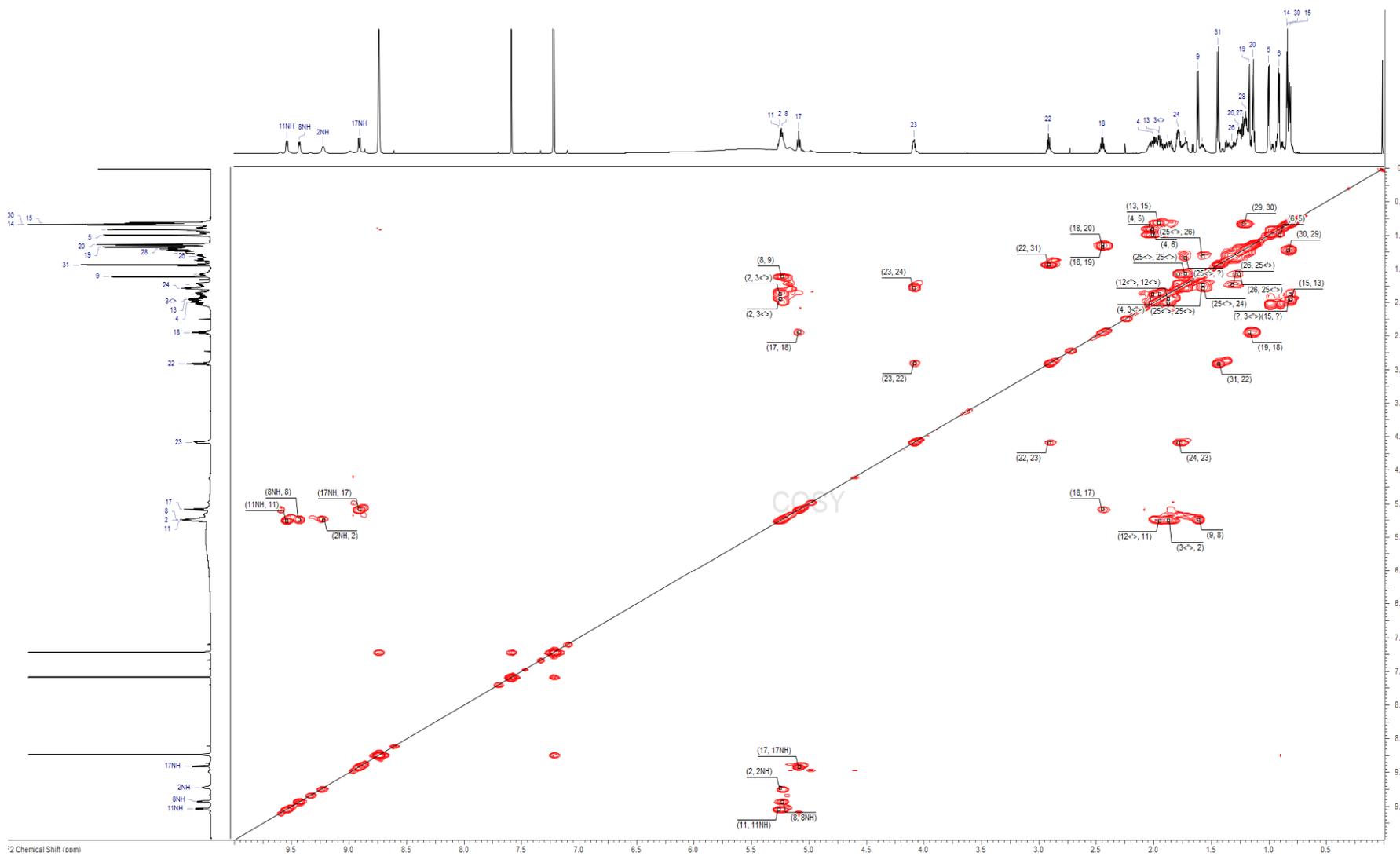


Figure S17. COSY NMR spectrum (700 MHz, pyridine-*d*₅) of 2.

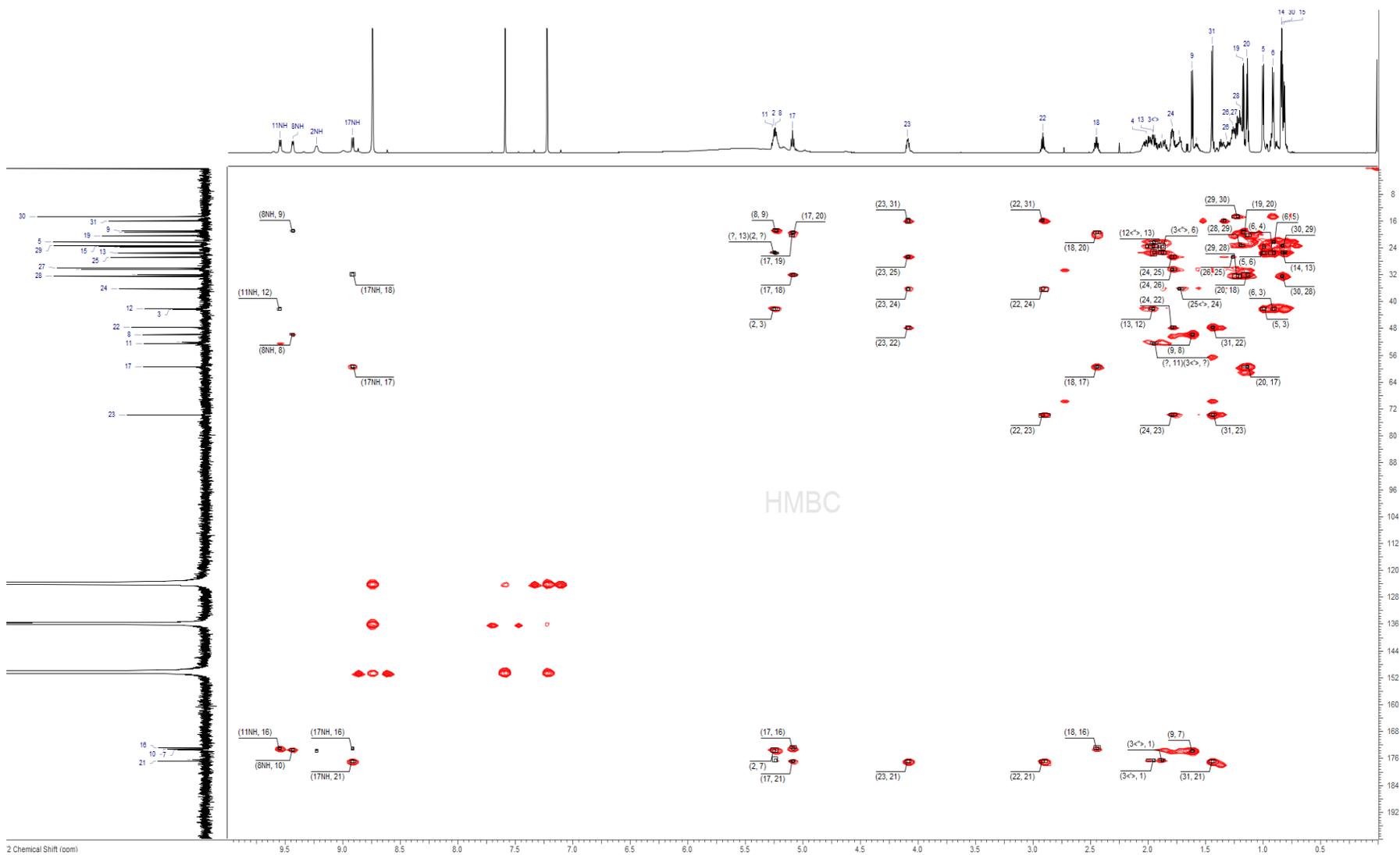


Figure S18. HMBC NMR spectrum (700 MHz, pyridine-*d*₅) of **2**.

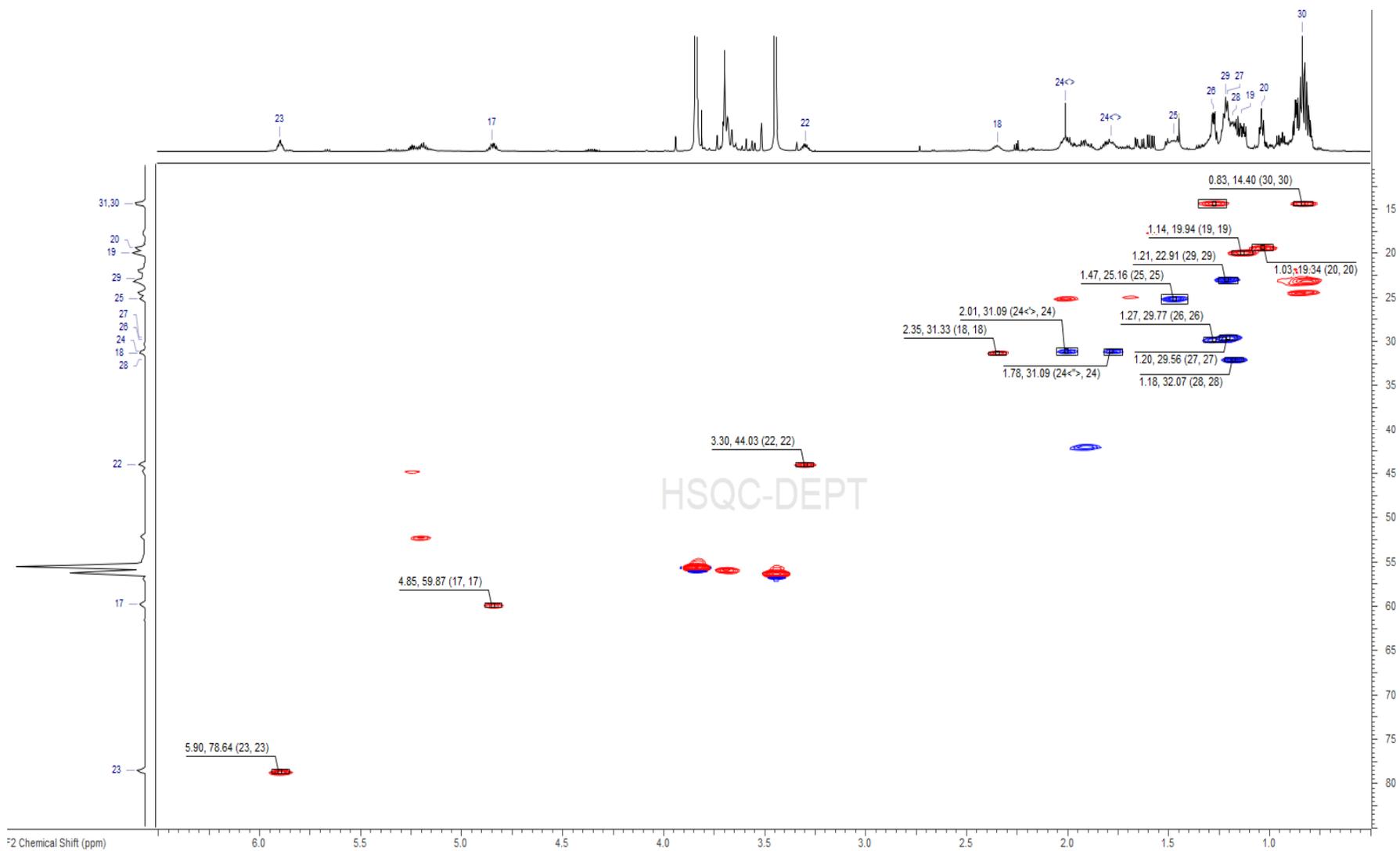


Figure S19. HSQC NMR spectrum (700 MHz, pyridine- d_5) of the S-MTPA-ester of **2**.

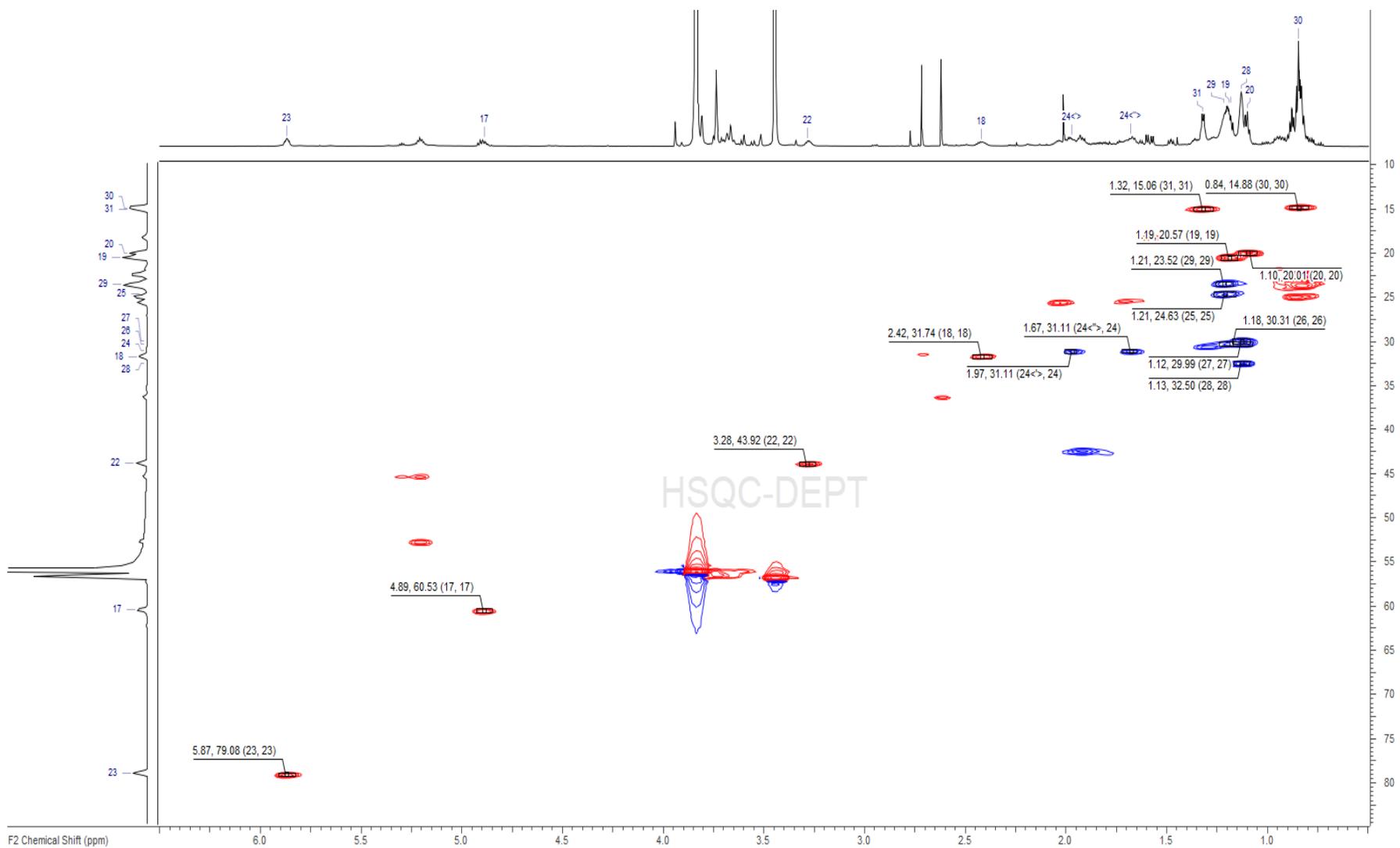


Figure S20. HSQC NMR spectrum (700 MHz, pyridine-*d*₅) of the R-MTPA-ester of **2**.

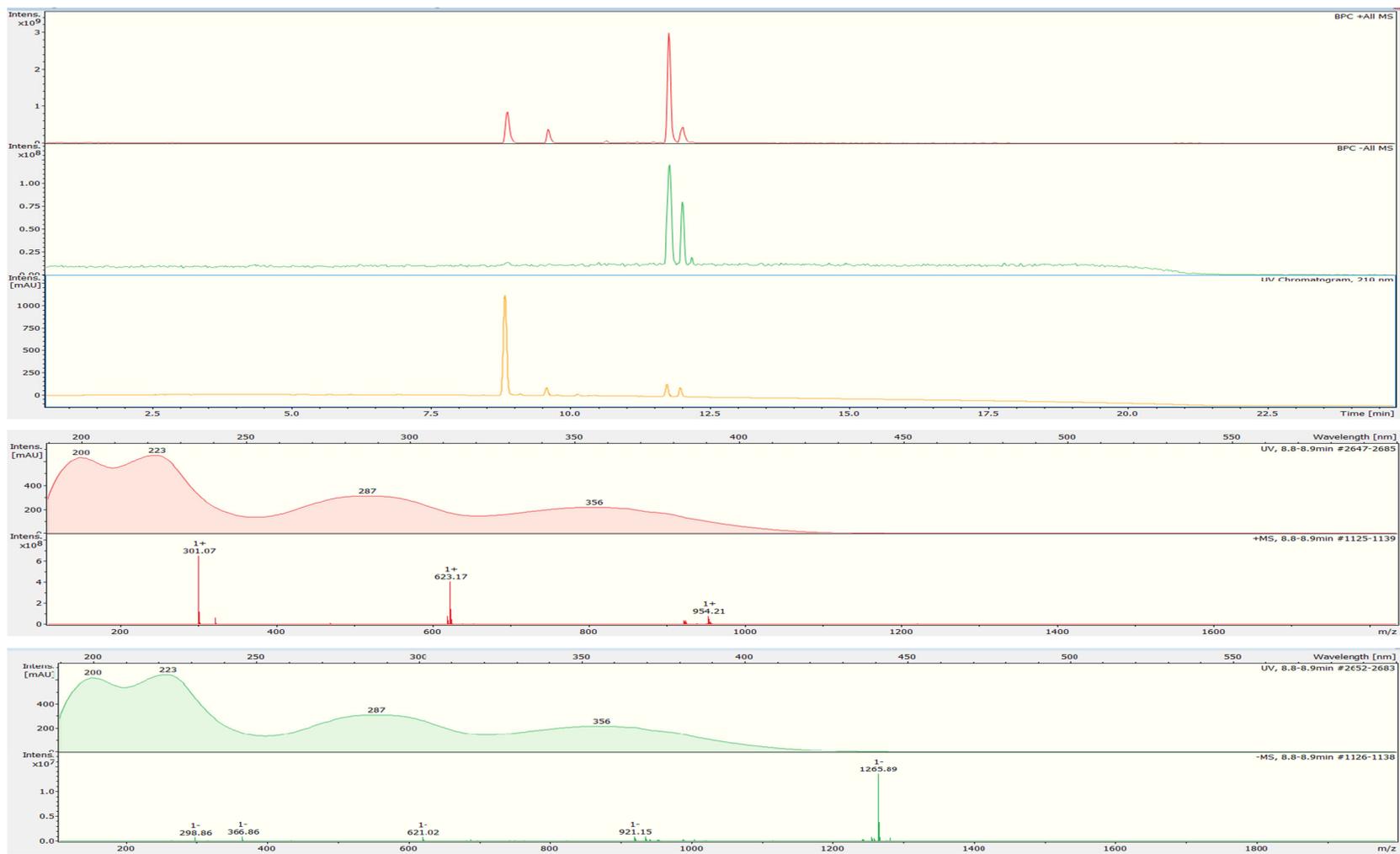


Figure S21. HPLC-ESI-MS spectrum of chaetone B (3) in positive and negative mode.

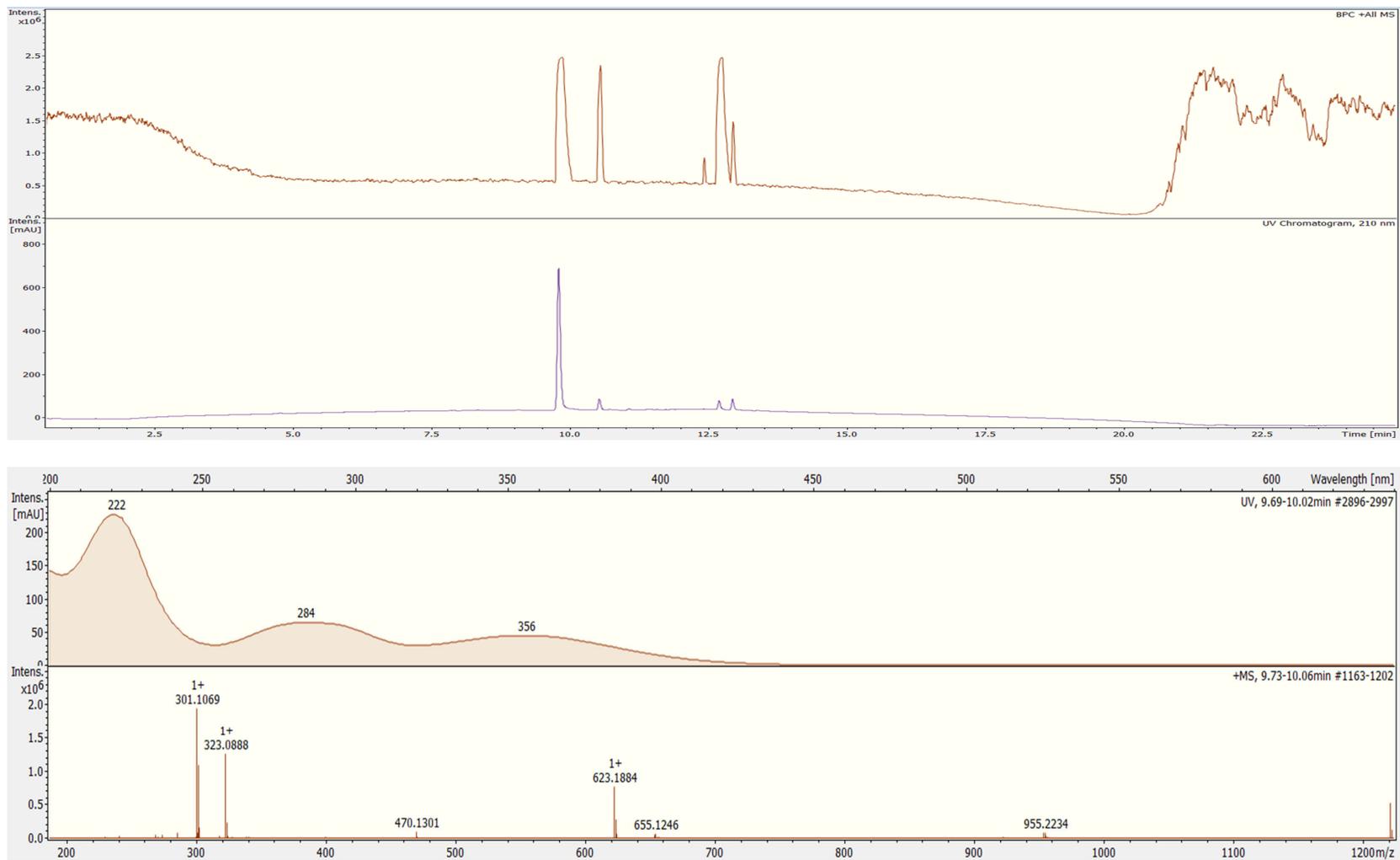


Figure S22. HPLC-HRESI-MS spectrum of chaetone B (3) in positive mode.

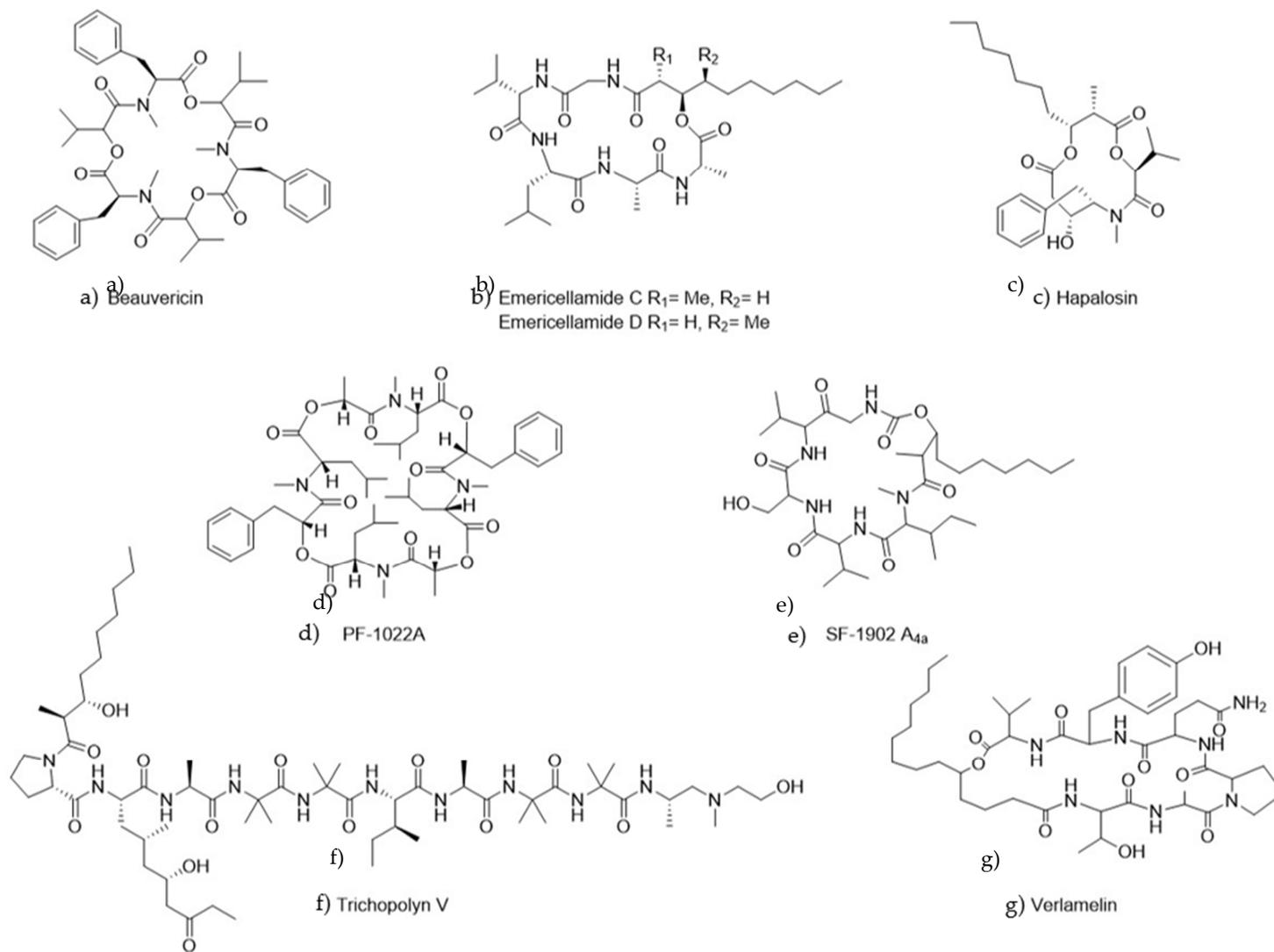


Figure S23. Structures of known depsipeptides.