

Supporting Information

PENIPHILONES A AND B: AZAPHILONE ALKALOIDS FROM THE ENDOPHYTIC FUNGUS *PENICILLIUM MAXIMAE*

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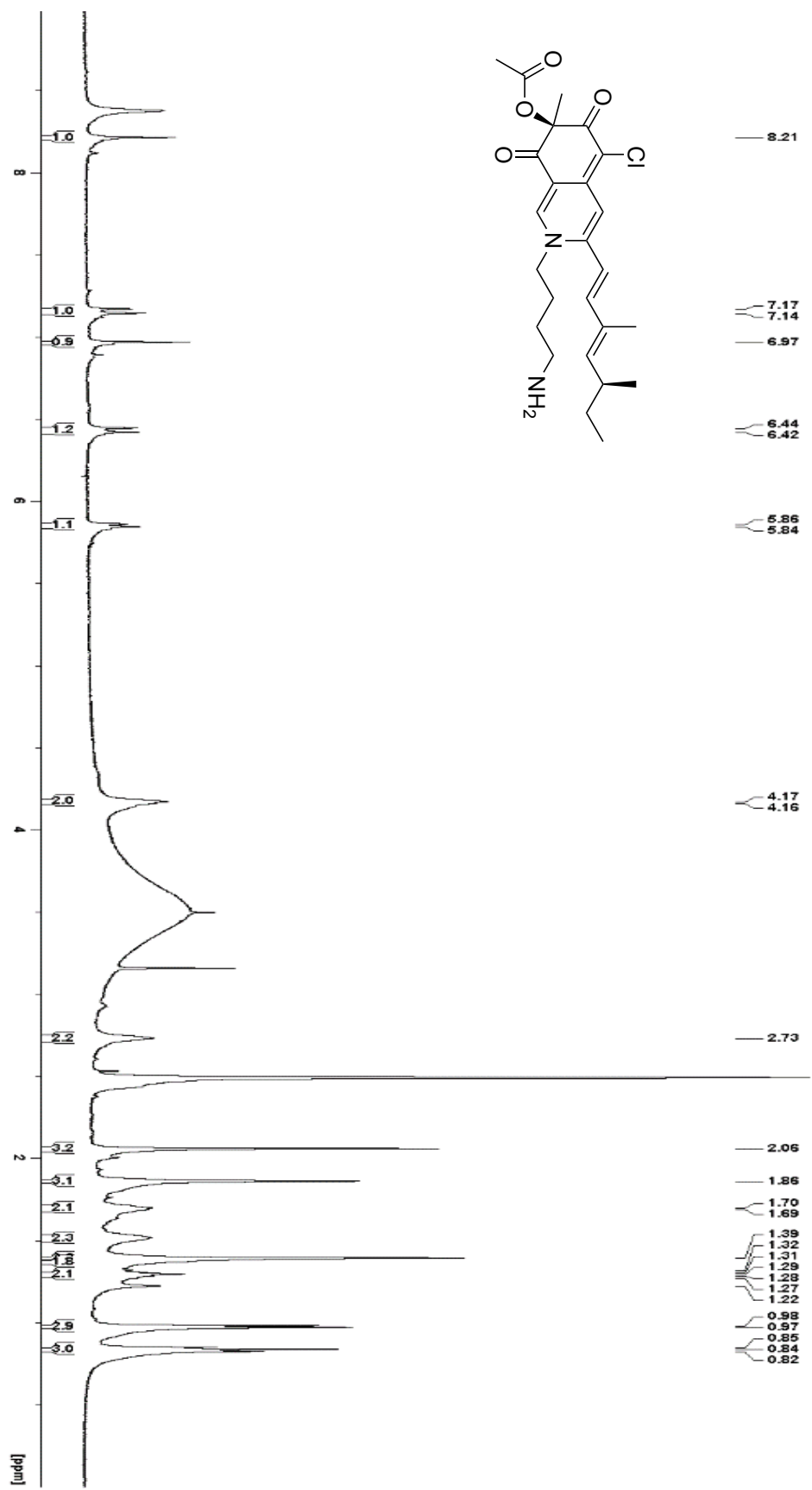


Fig. S1. ¹H NMR spectrum of peniphilone A (1) in DMSO-*d*₆.

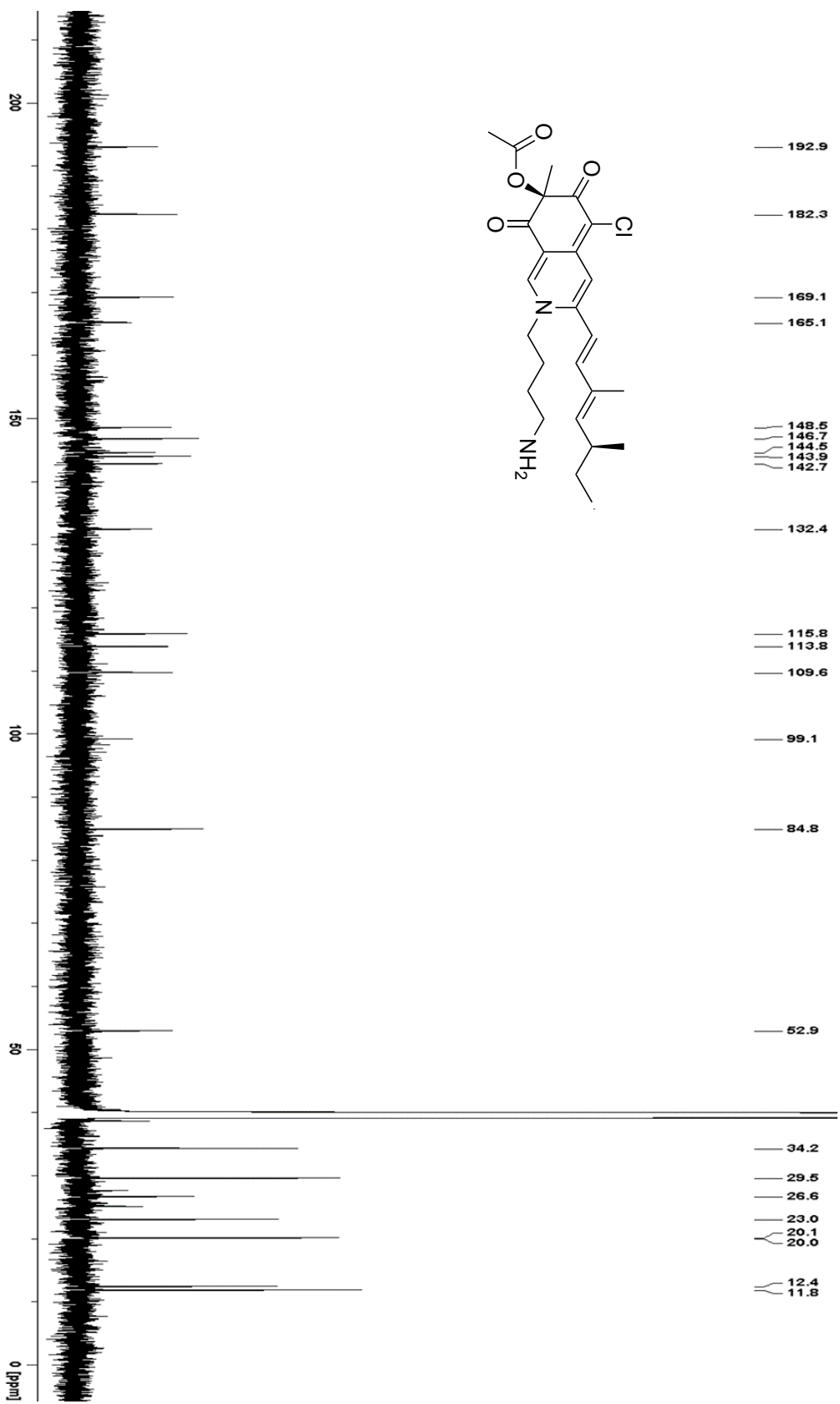


Fig. S2. ¹³C NMR spectrum of peniphilone A (**1**) in DMSO-*d*₆.

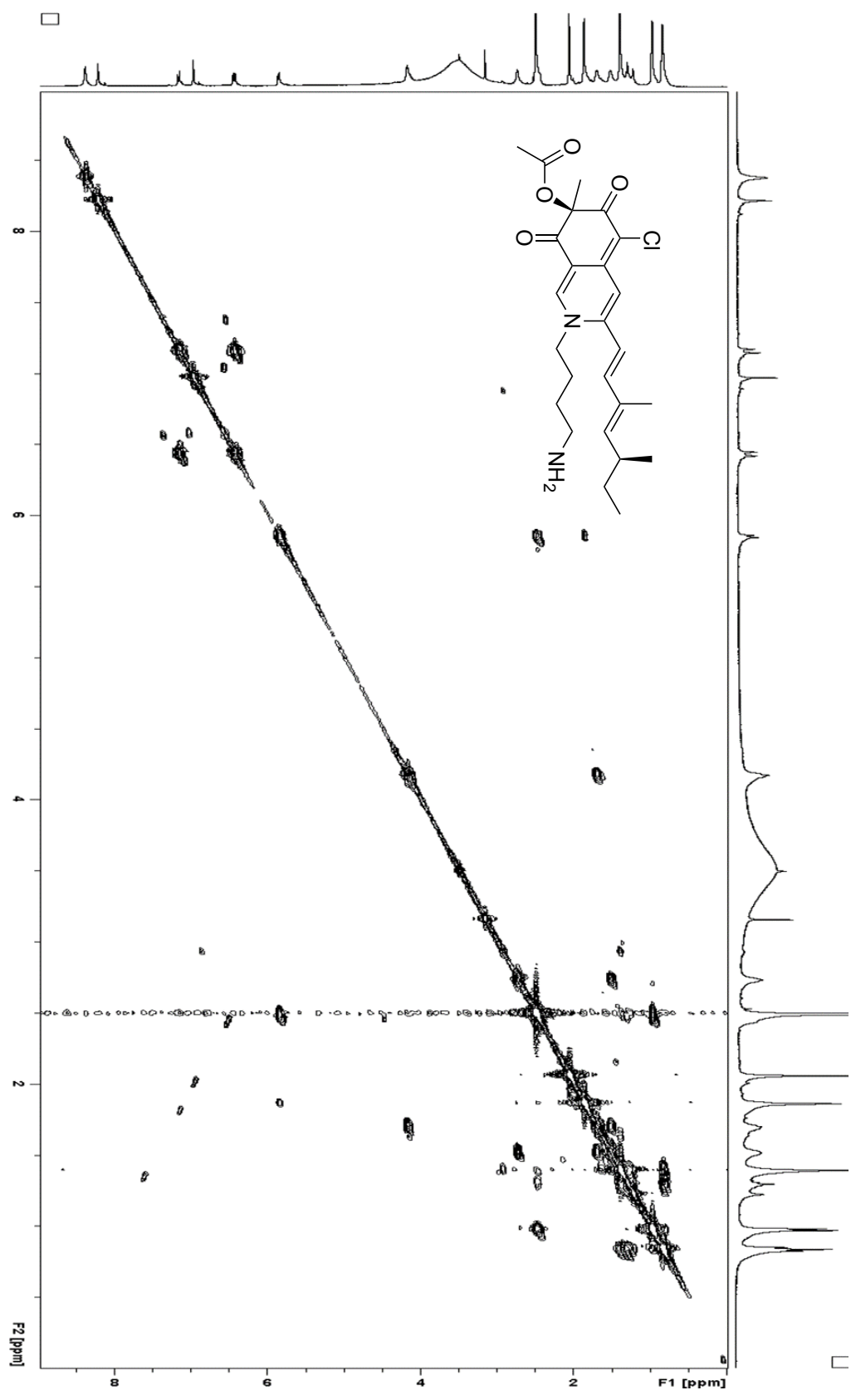


Fig. S3. COSY spectrum of peniphilone A (1) in DMSO-*d*₆.

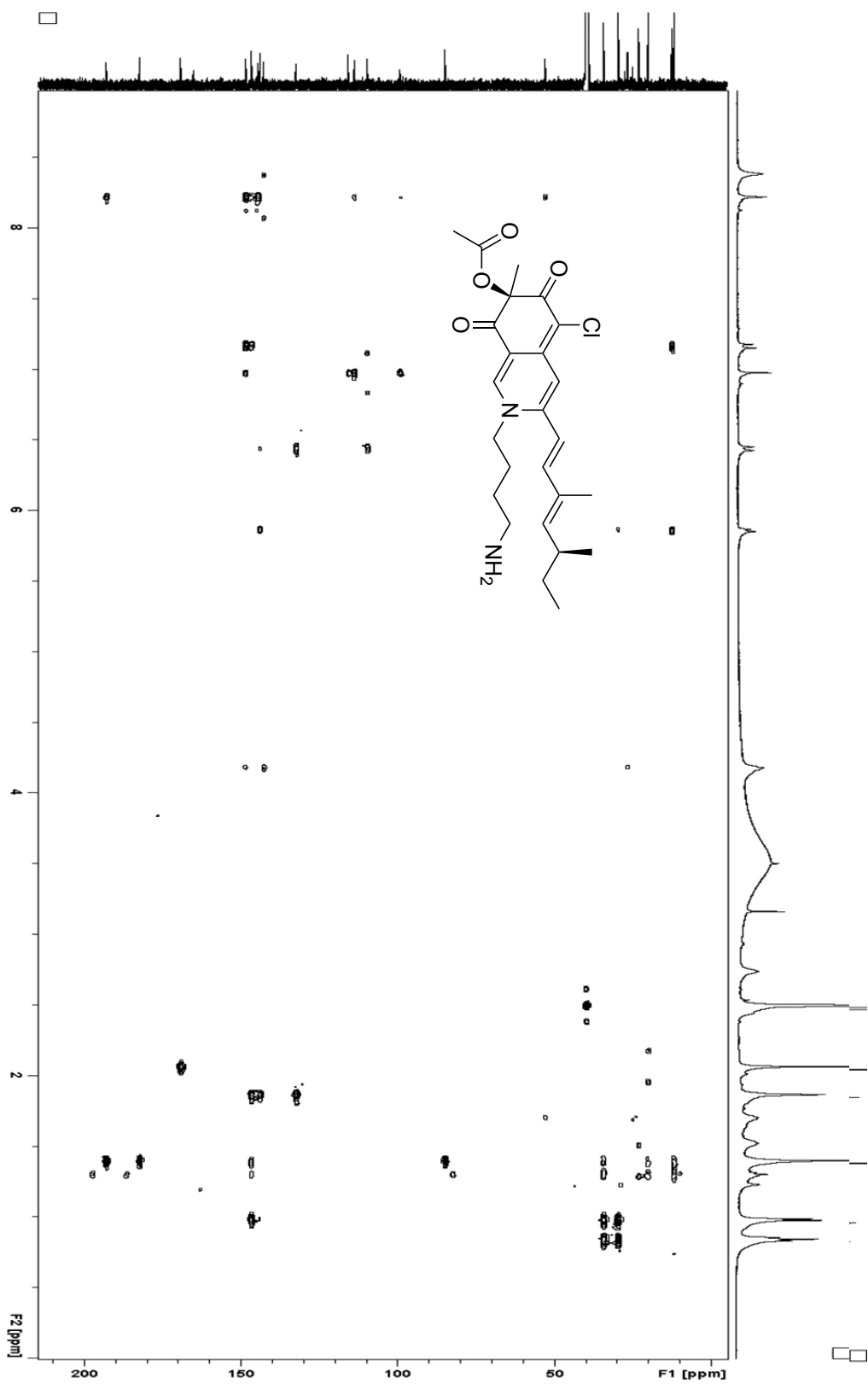


Fig. S5. HMBC spectrum of peniphilone A (1) in DMSO-*d*₆.

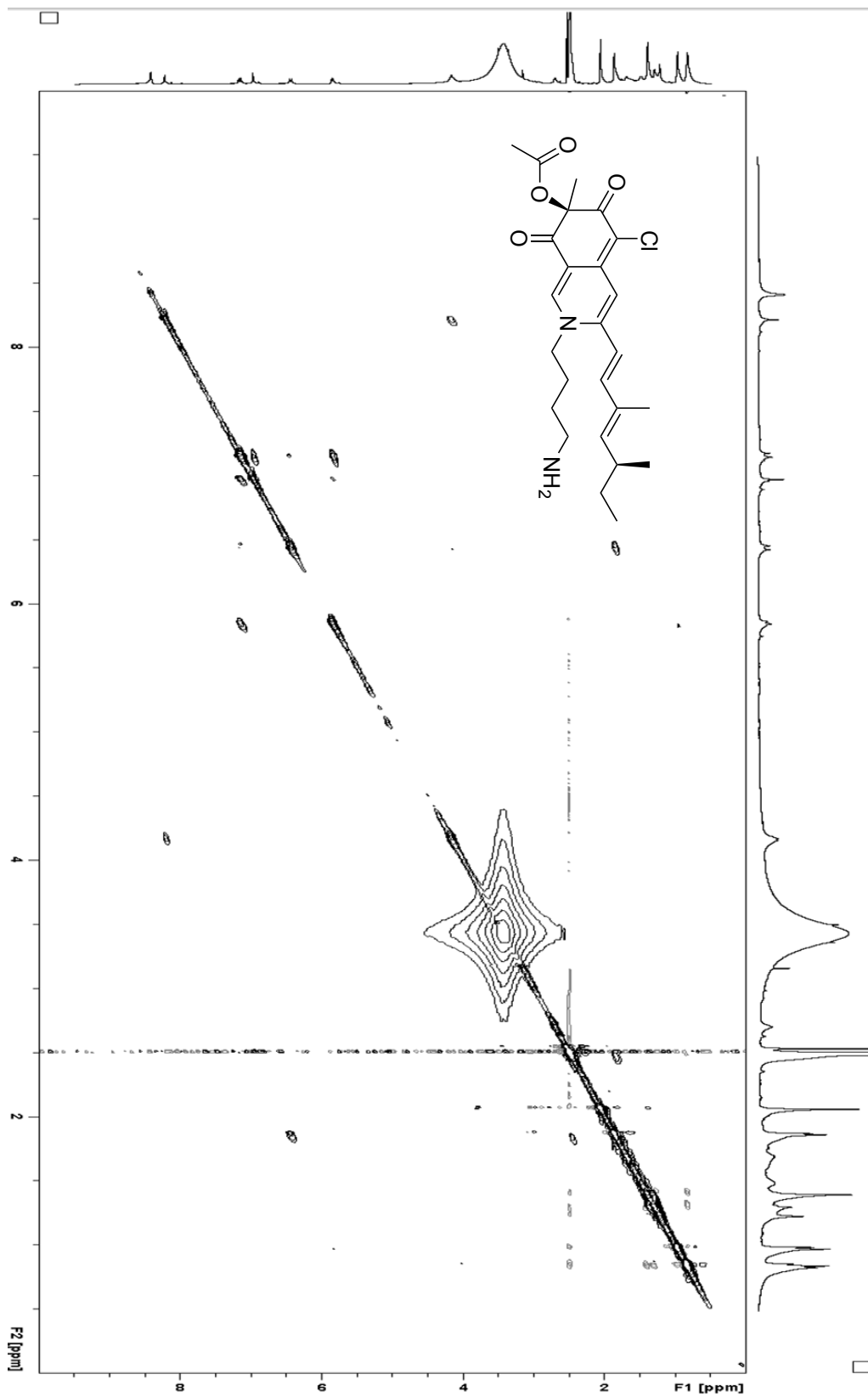


Fig. S6. NOESY spectrum of peniphilone A (1) in DMSO-*d*₆.

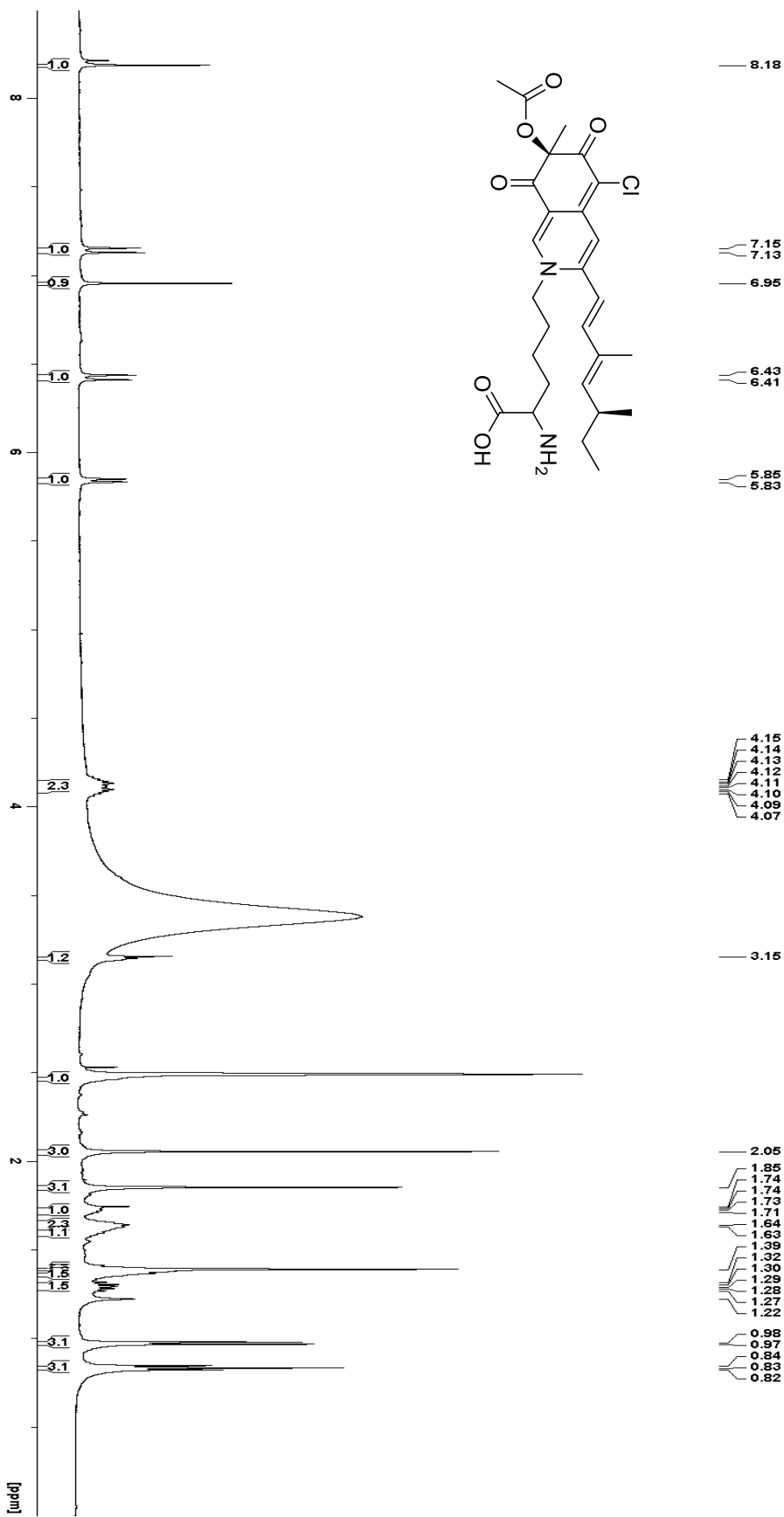


Fig. S7. ¹H NMR spectrum of peniphilone B (2) in DMSO-*d*₆.

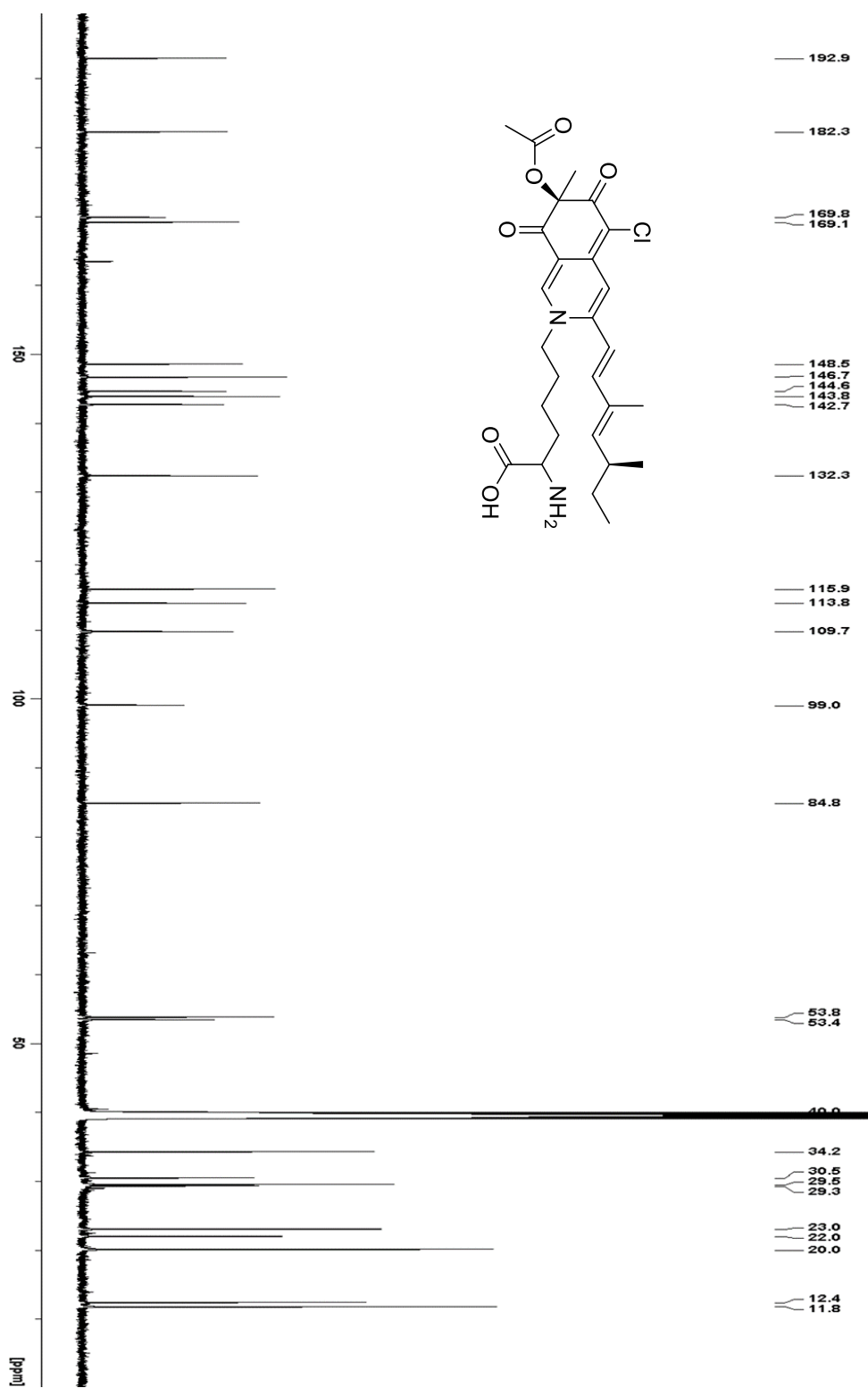


Fig. S8. ^{13}C NMR spectrum of peniphilone B (2) in $\text{DMSO-}d_6$.

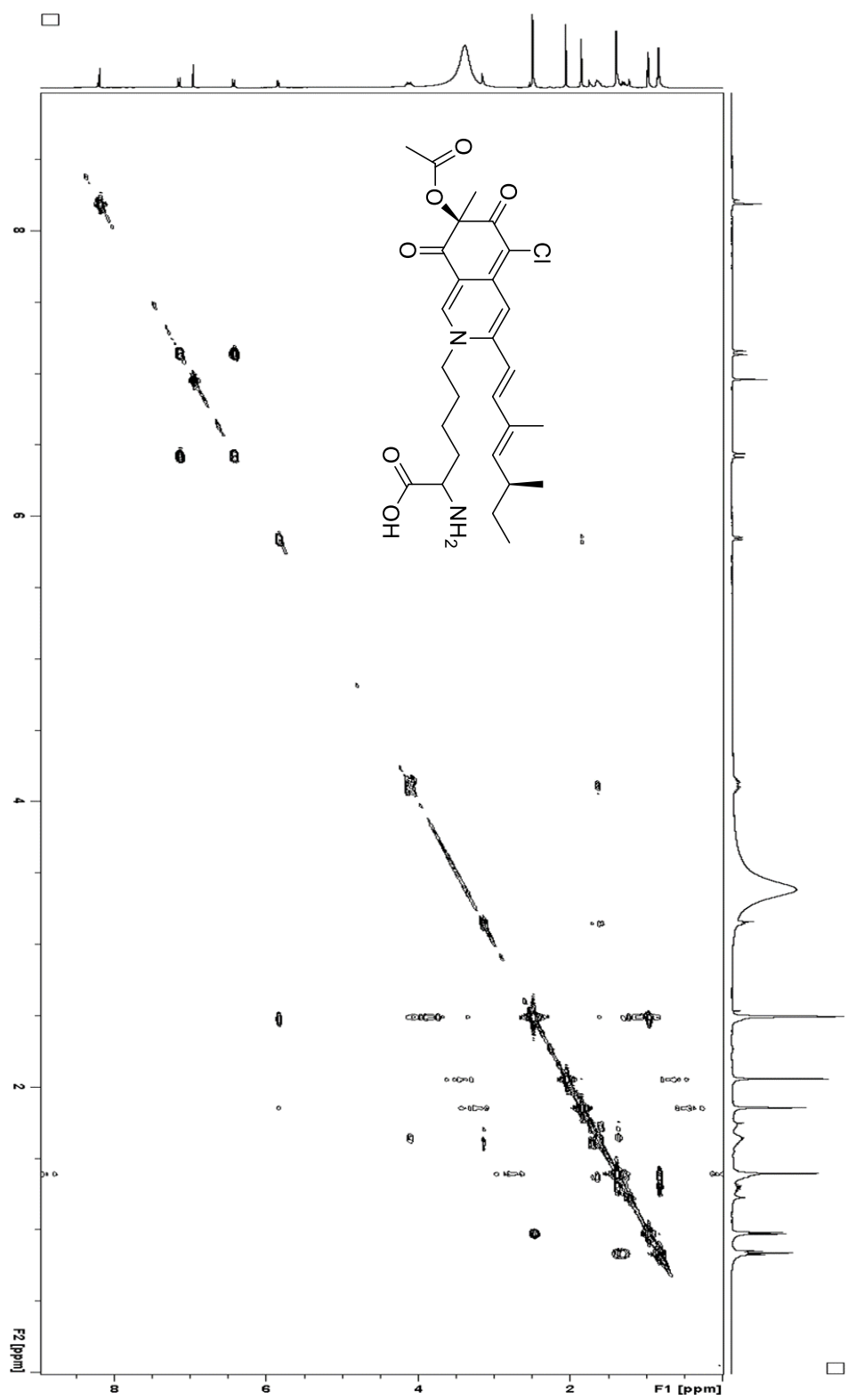


Fig. S9. COSY spectrum of peniphilone B (**2**) in DMSO-*d*₆.

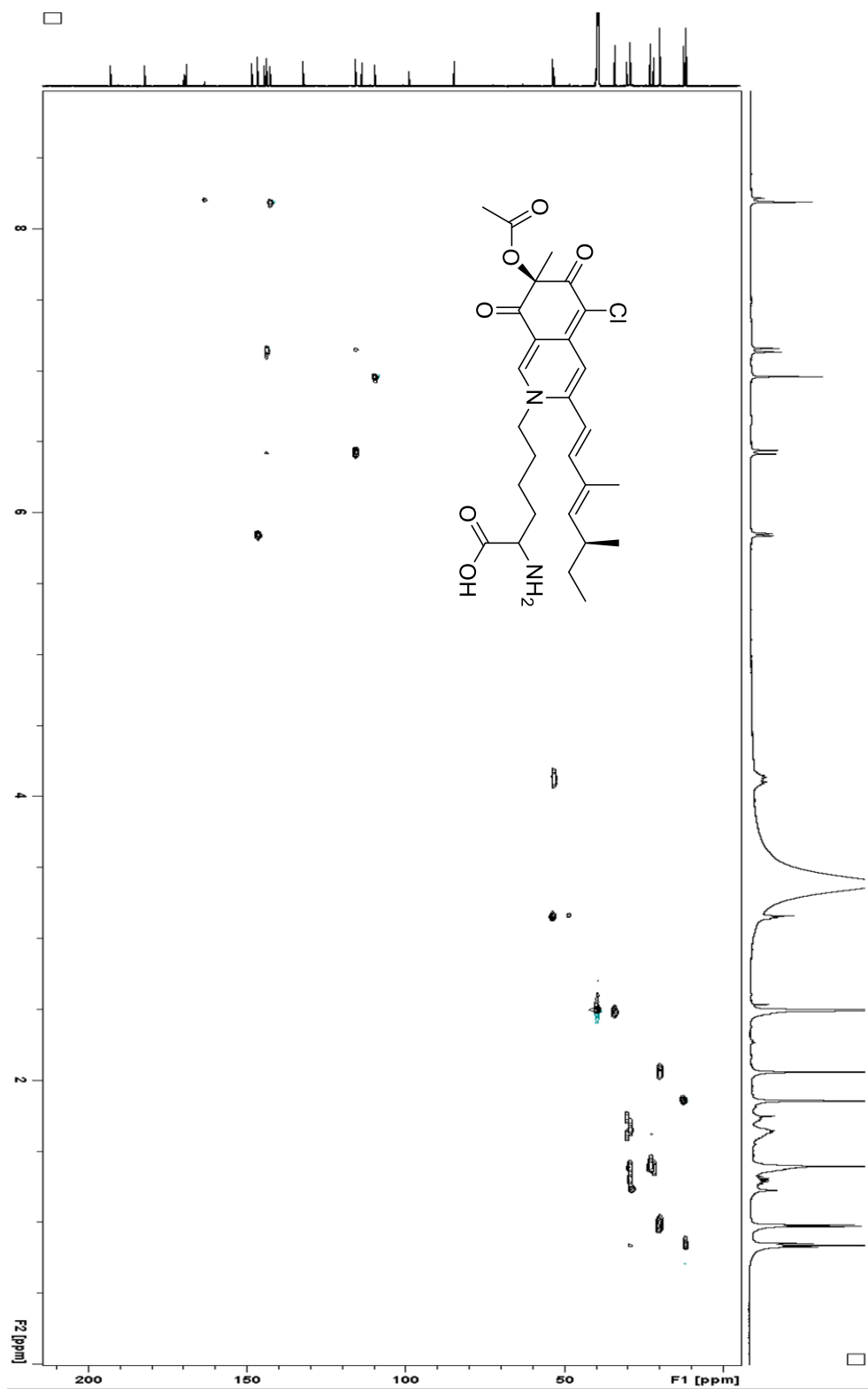


Fig. S10. HSQC spectrum of peniphilone B (**2**) in DMSO-*d*₆.

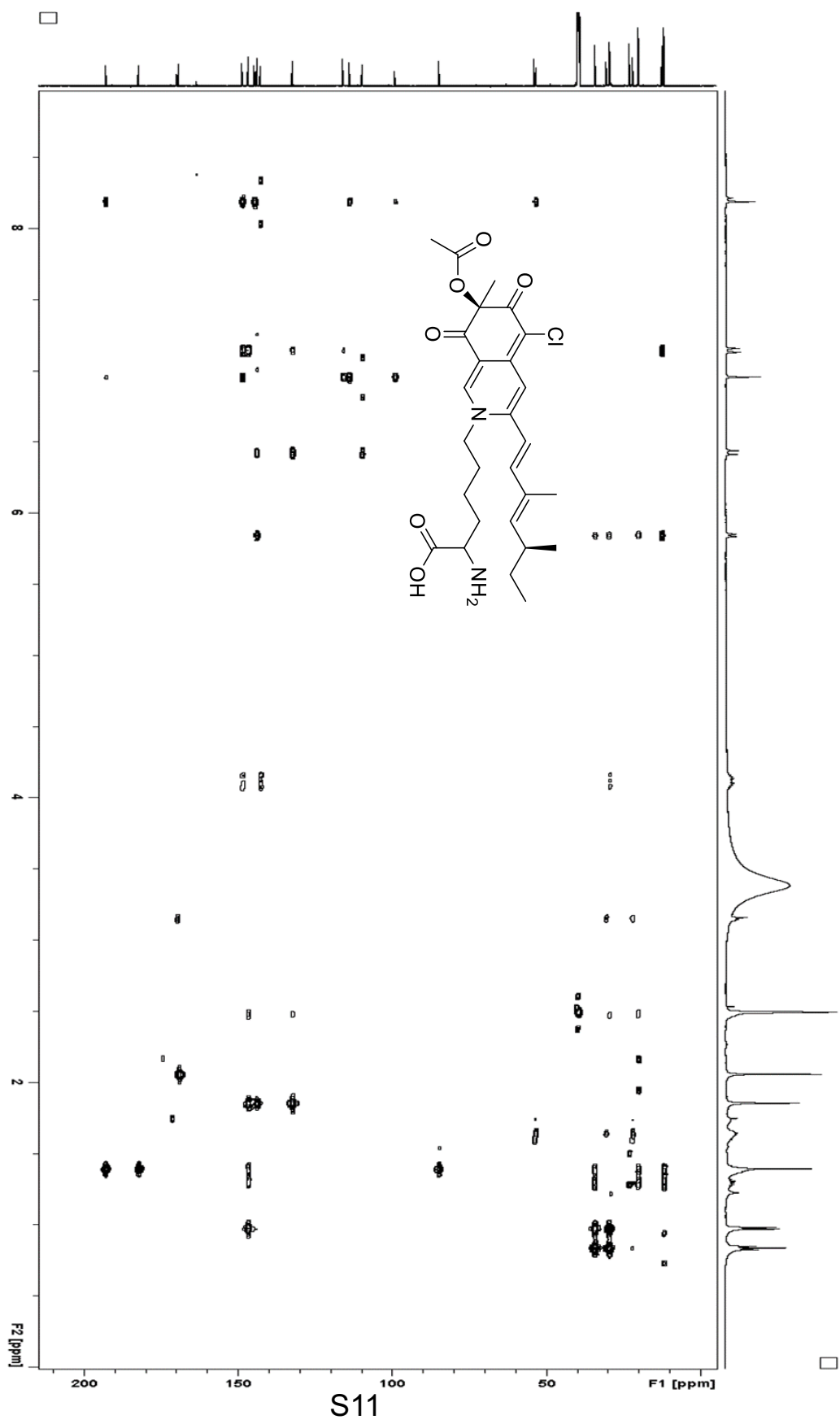


Fig. S11. HMBC spectrum of peniphilone B (2) in DMSO-*d*₆.

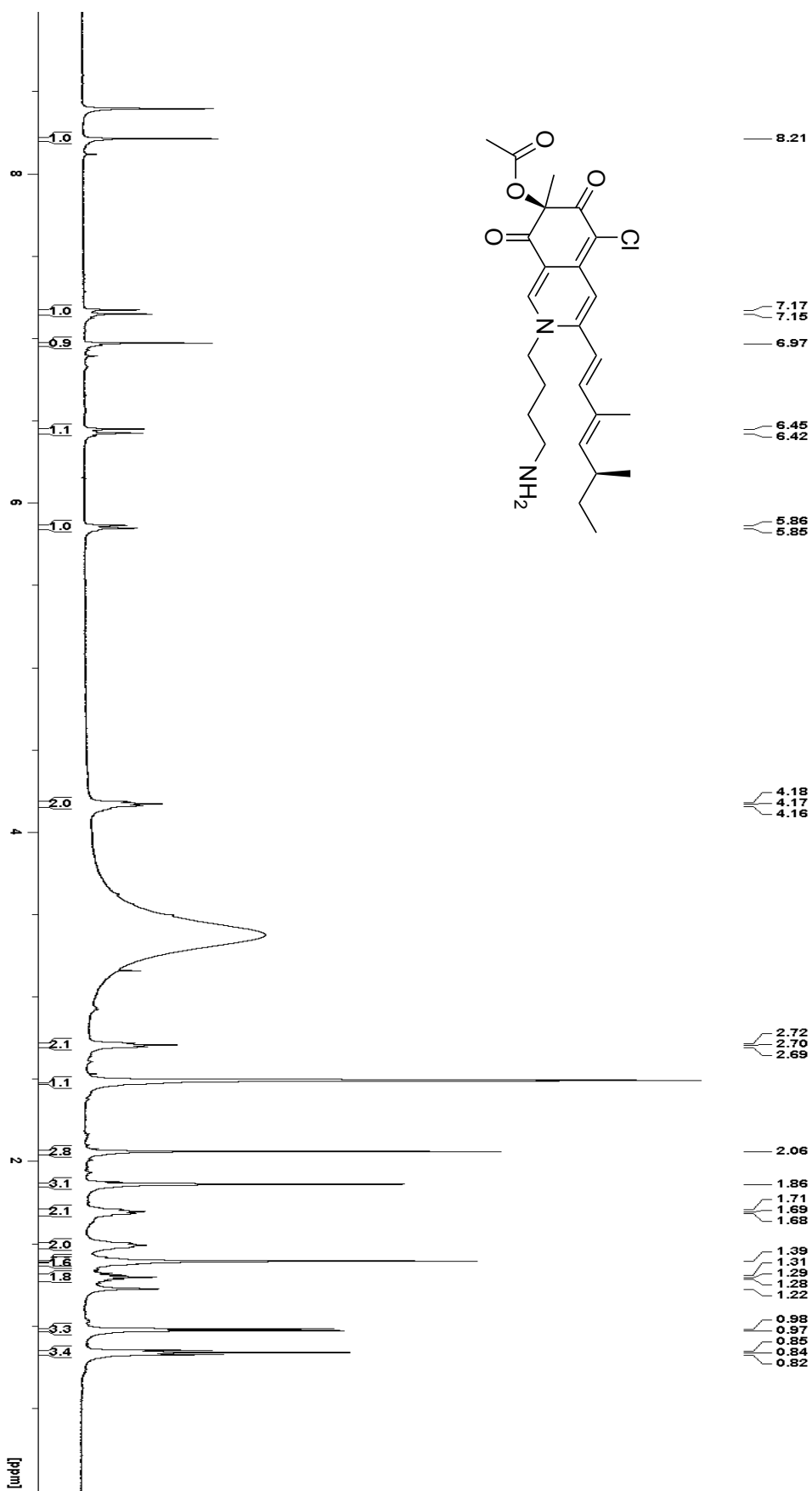


Fig. S12. ¹H NMR spectrum of the synthetic **1** in DMSO-*d*₆.

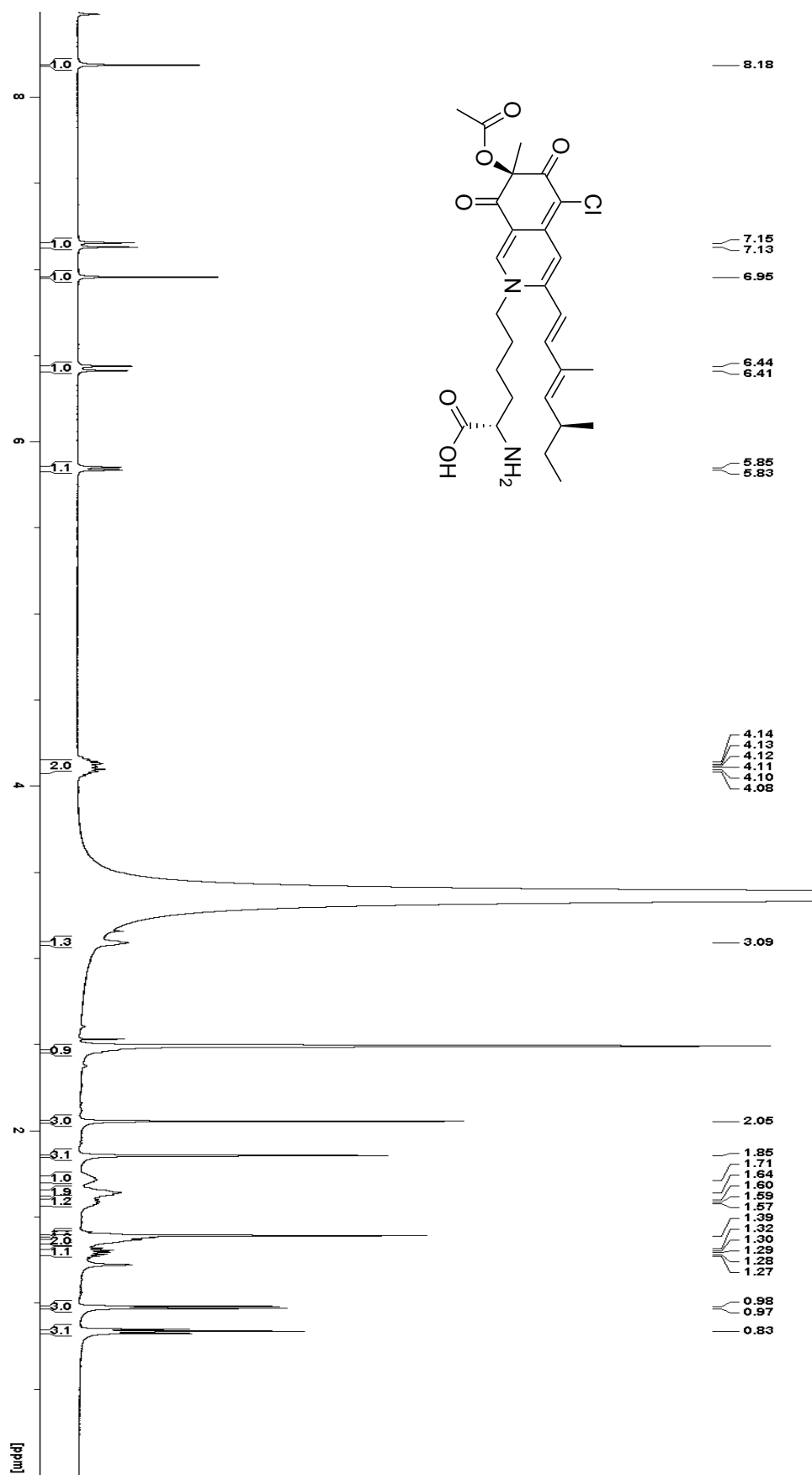


Fig. S13. ¹H NMR spectrum of **2a** in DMSO-*d*₆.

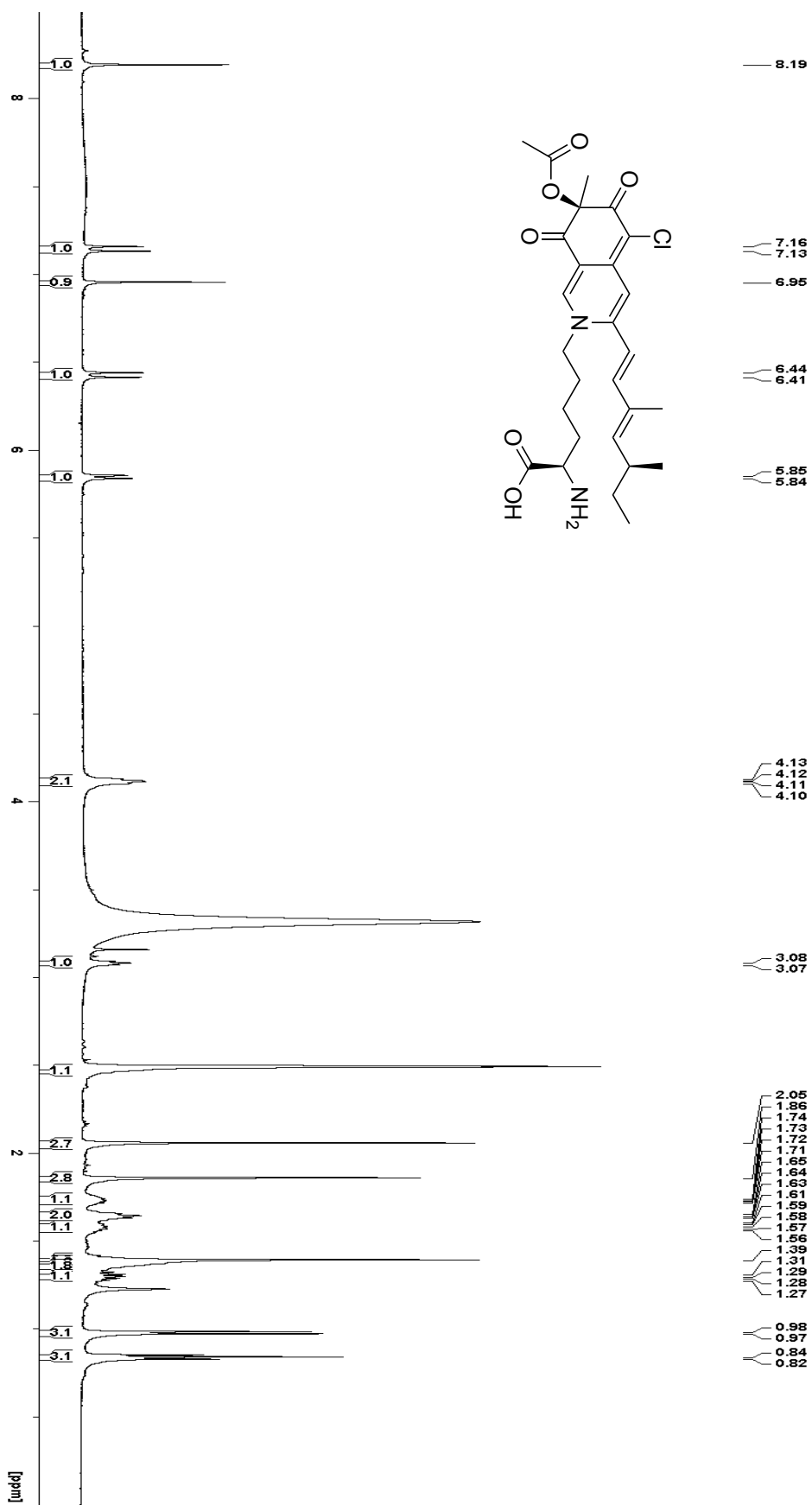


Fig. S14. ¹H NMR spectrum of **2b** in DMSO-*d*₆.