Supporting Information

Secondary Metabolites from the Marine-Derived Fungus *Dichotomomyces* sp. L-8 and Their Cytotoxic Activity

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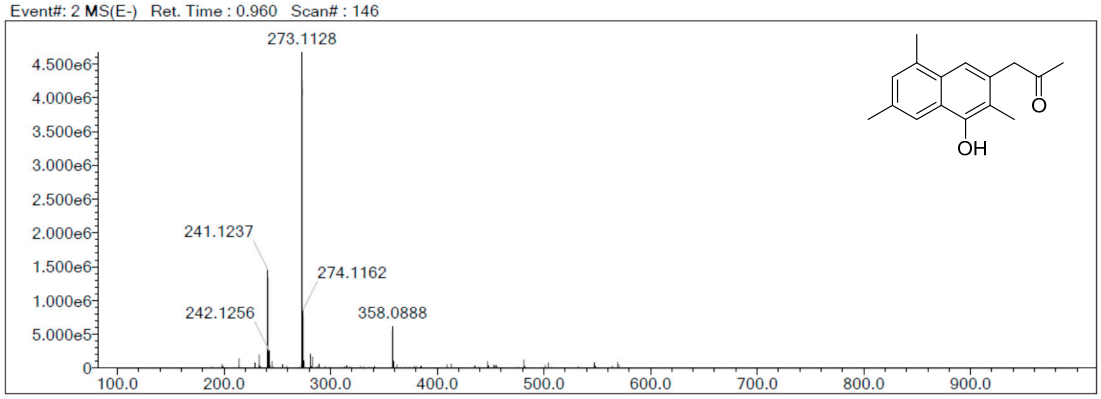
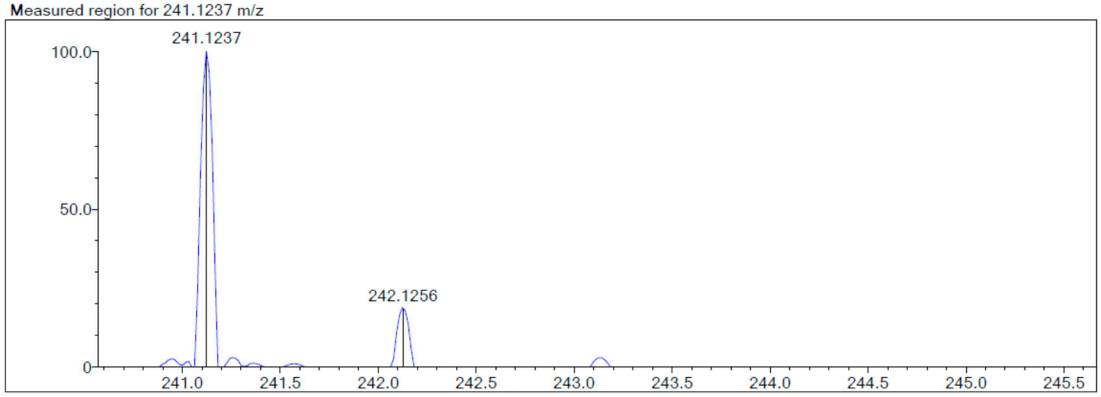
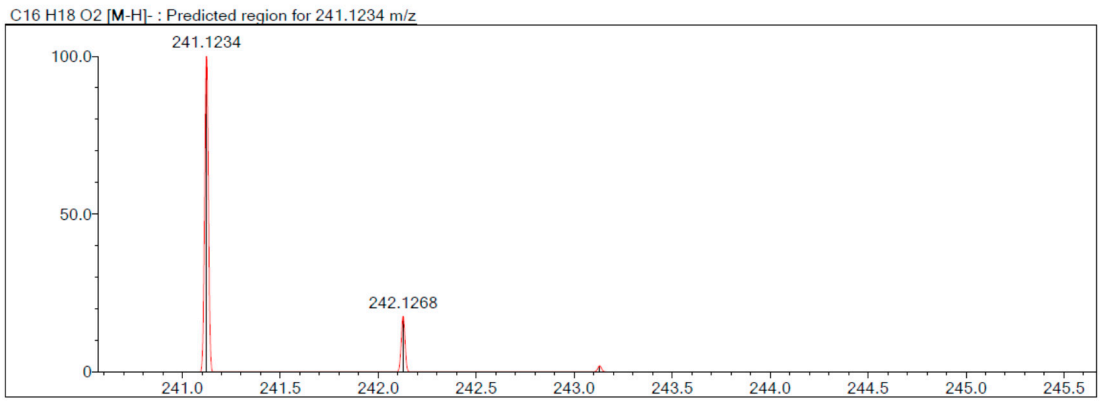
Figure S1. HR-ESI-MS spectrum of dichotone A (**1**)







Rank	Score	Formula (M)	Ion	Meas. m/z	Pred. m/z	Df. (mDa)	Df. (ppm)	Iso	DBE
1	78.68	C16 H18 O2	[M-H]-	241.1237	241.1234	0.3	1.24	79.16	8.0

Figure S2. ^{1}H NMR spectrum of dichotone A (**1**) in $CDCl_3$ (400MHz)

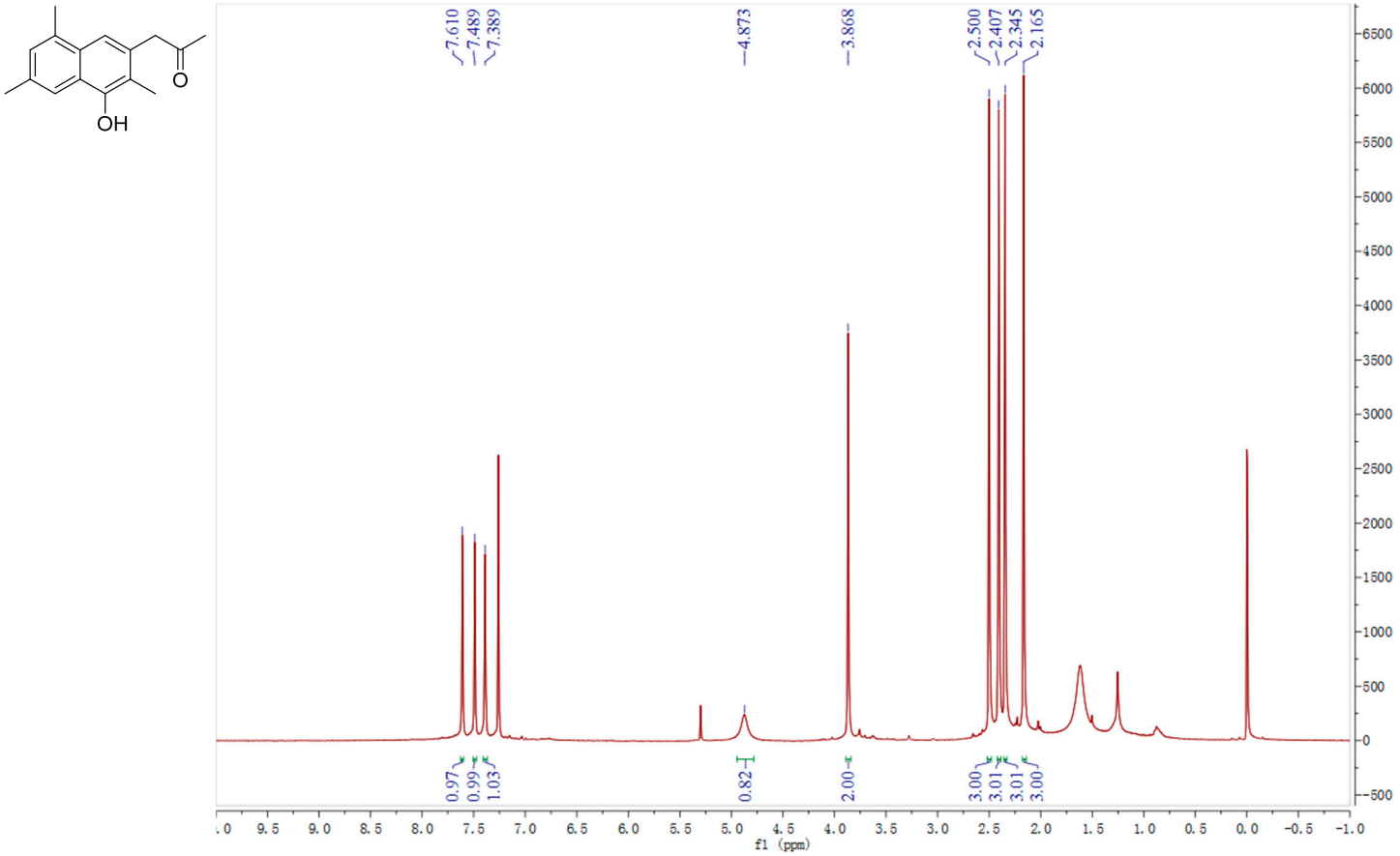


Figure S3. ^{13}C NMR spectrum of dichotone A (**1**) in $CDCl_3$ (100MHz)

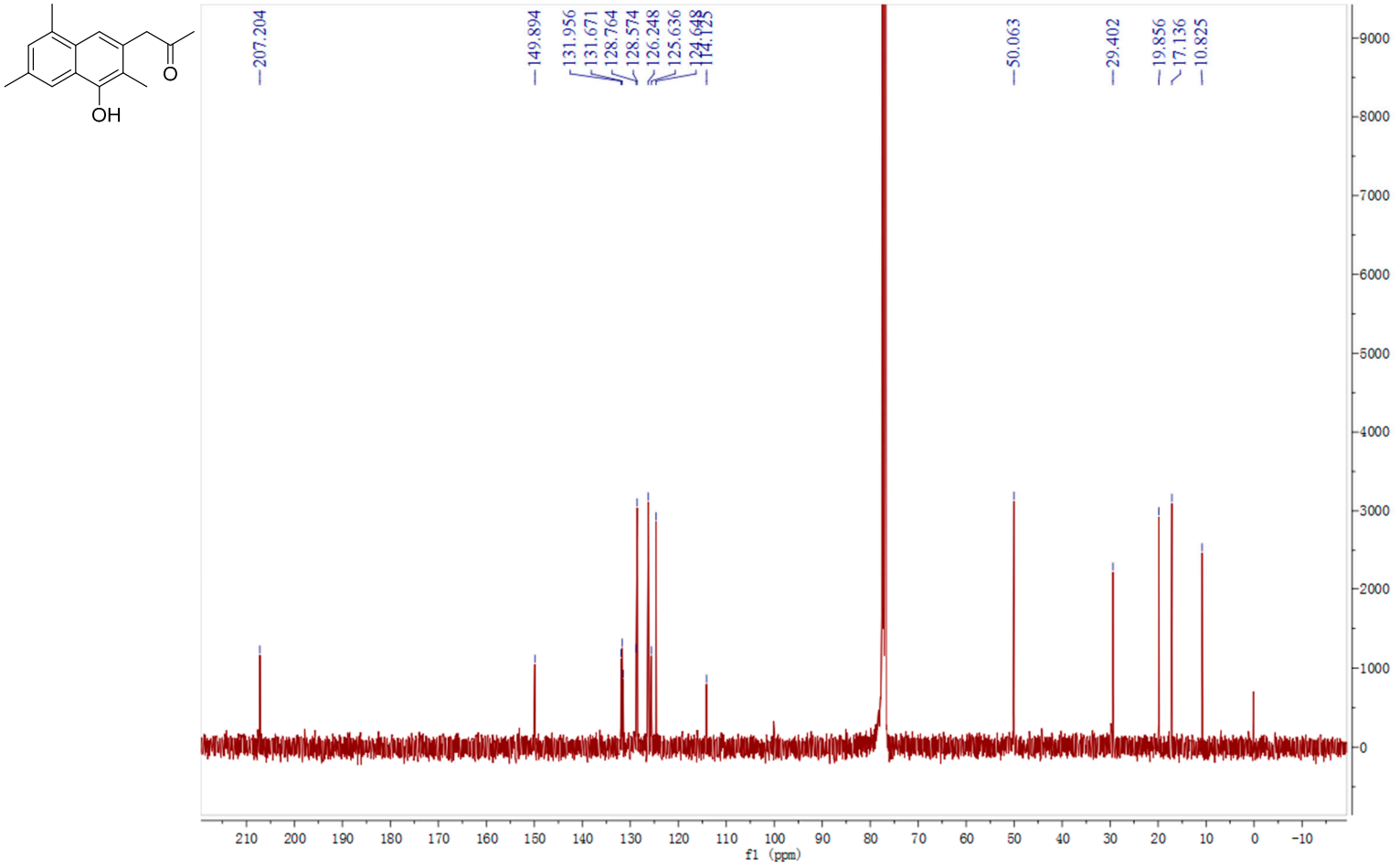


Figure S4. DEPT 135 spectrum of dichotone A (**1**) in $CDCl_3$ (100MHz)

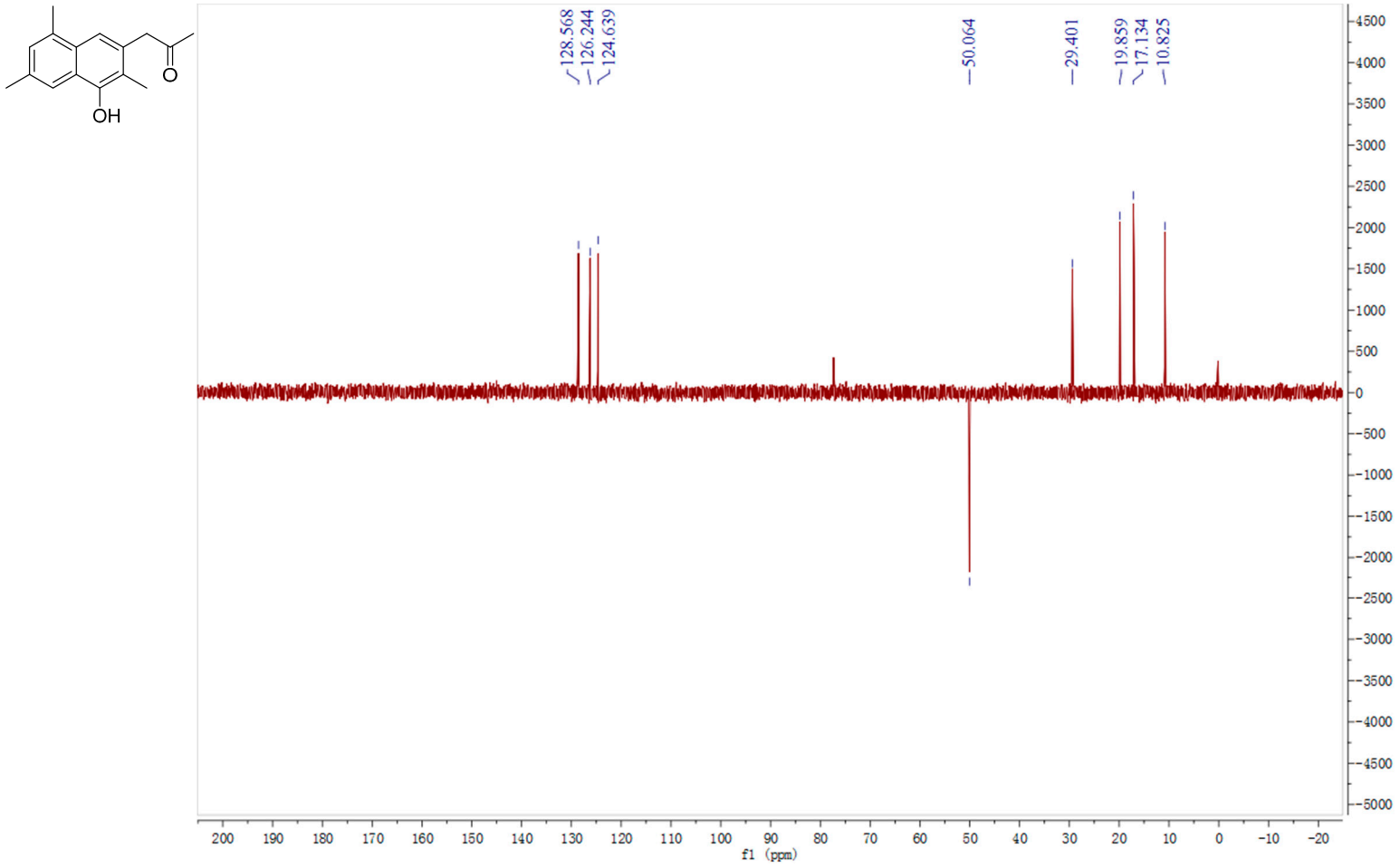


Figure S5. HMQC spectrum of dichotone A (**1**) in $CDCl_3$

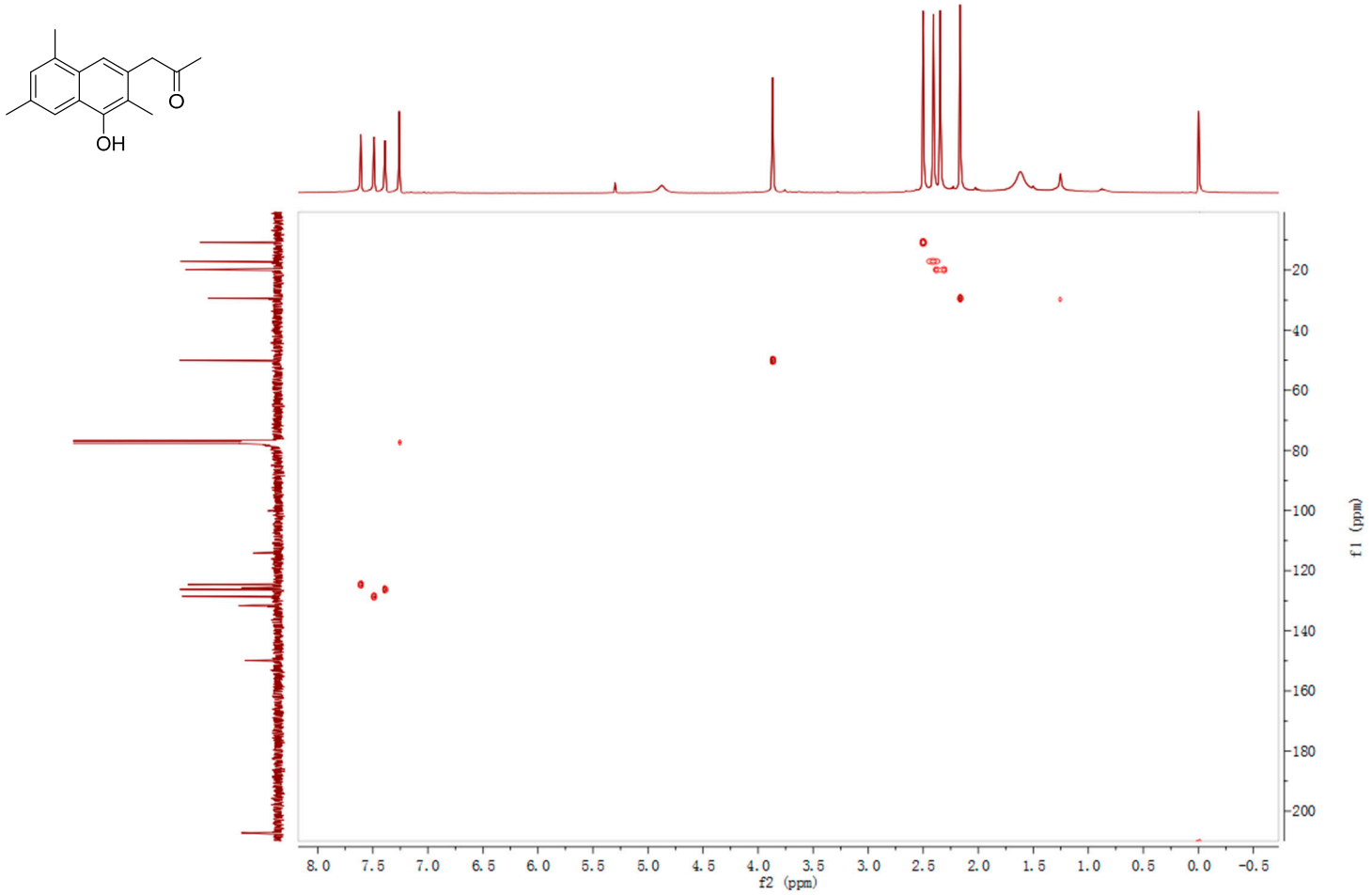


Figure S6. ^{1}H-^{1}H COSY spectrum of dichotone A (**1**) in $CDCl_3$

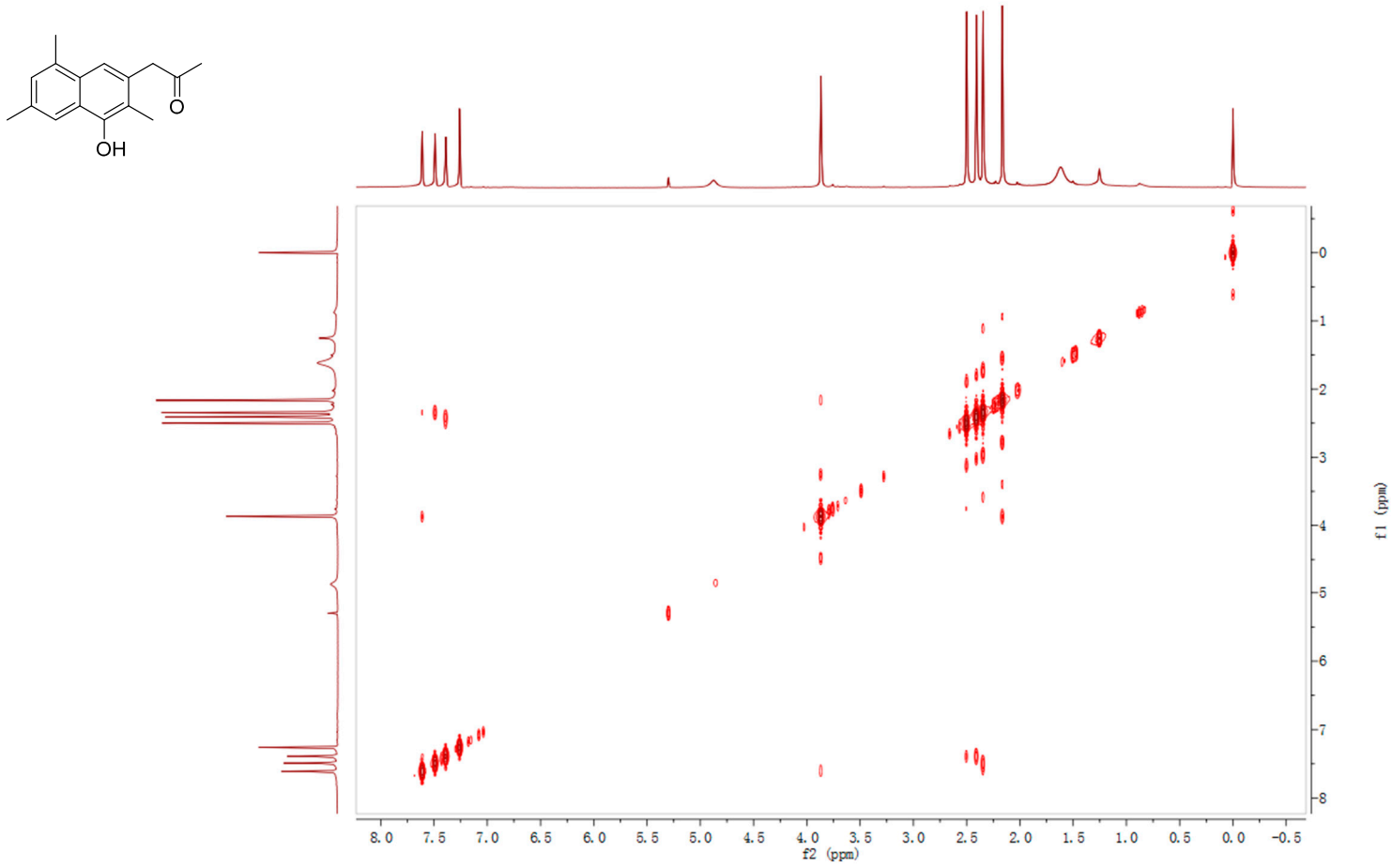


Figure S7. HMBC spectrum of dichotone A (**1**) in $CDCl_3$

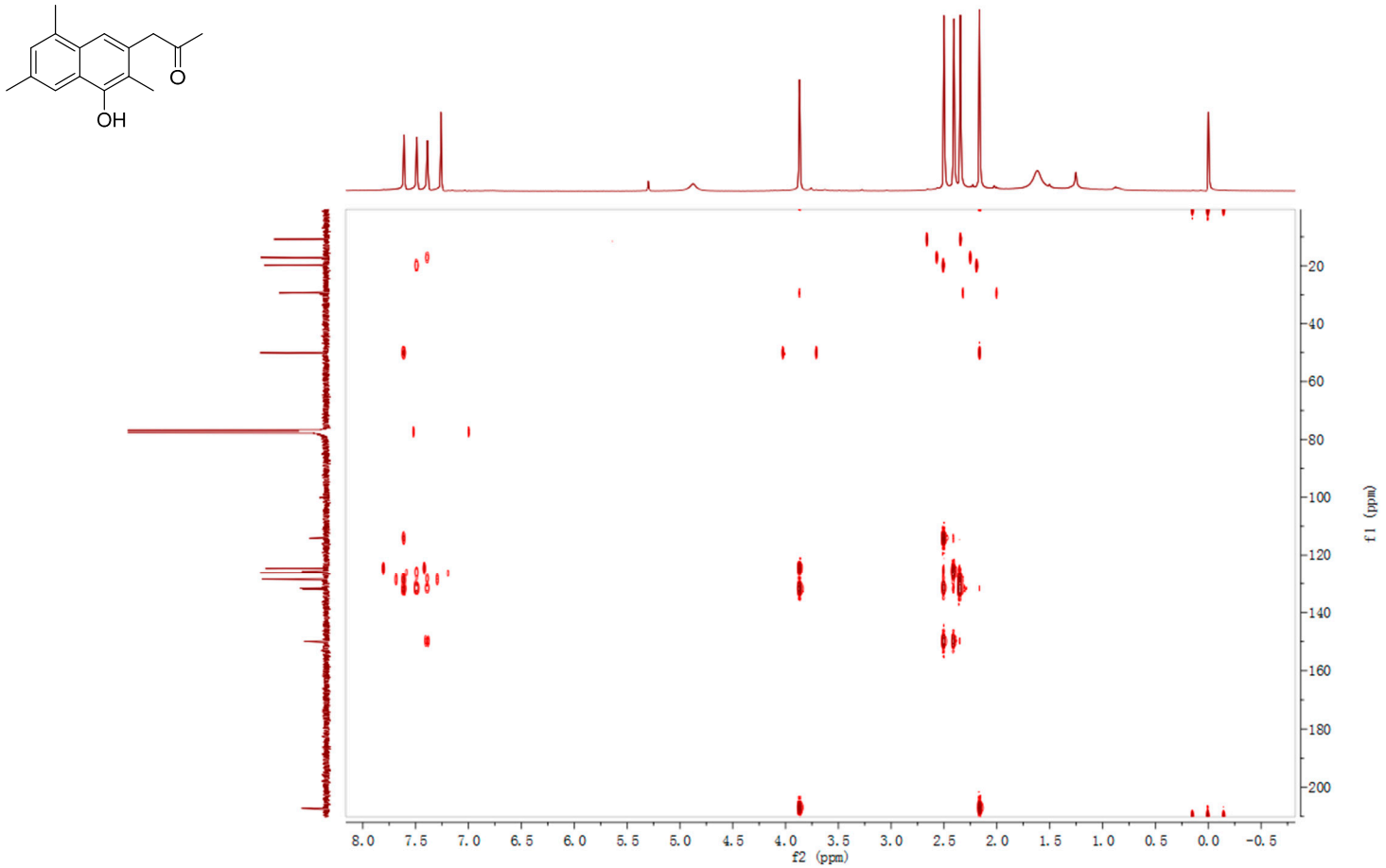
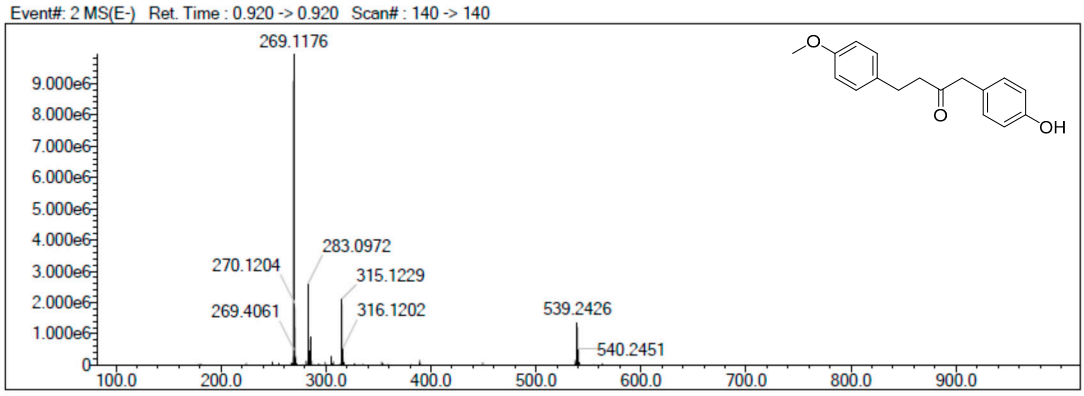
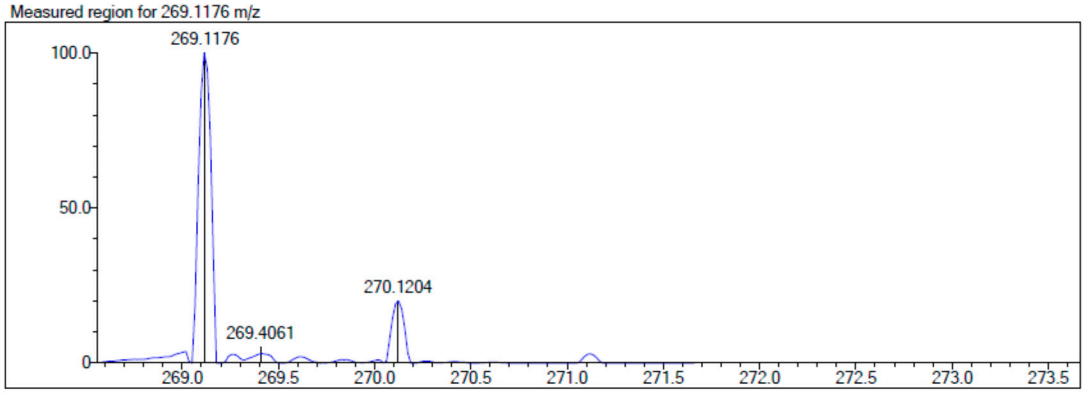
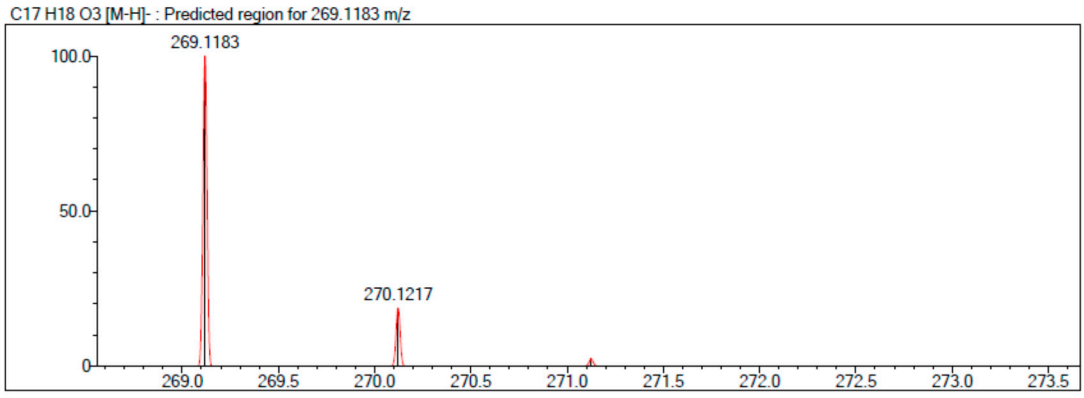


Figure S8. HR-ESI-MS spectrum of dichotone B (**2**)







Rank	Score	Formula (M)	Ion	Meas. m/z	Pred. m/z	Df. (mDa)	Df. (ppm)	Iso	DBE
1	71.08	C17 H18 O3	[M-H]-	269.1176	269.1183	-0.7	-2.60	74.05	9.0

Figure S9. ^{1}H NMR spectrum of dichotone B (**2**) in $CDCl_3$ (400MHz)

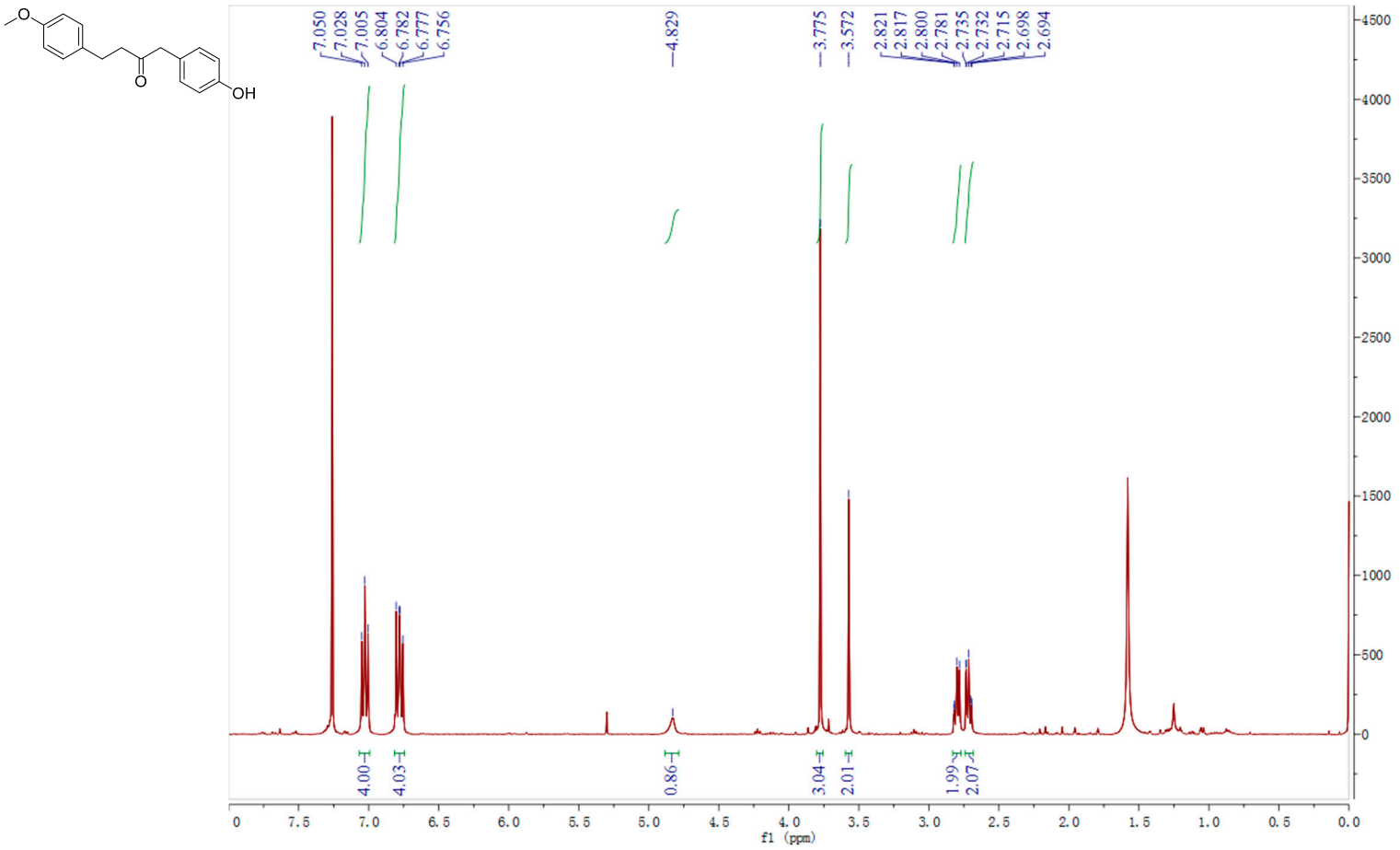


Figure S10. ^{13}C NMR spectrum of dichotone B (**2**) in $CDCl_3$ (100MHz)

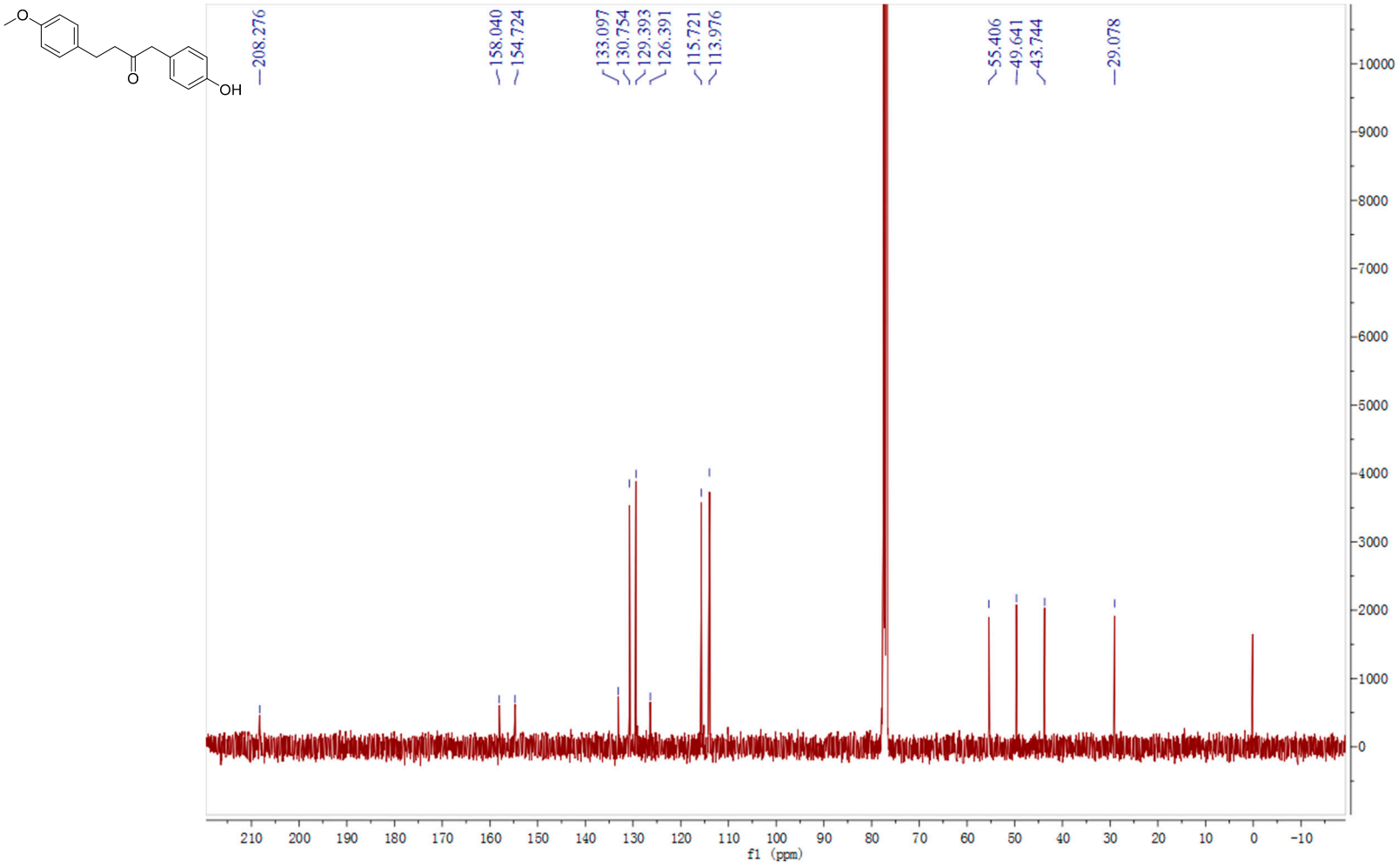


Figure S11. DEPT 135 spectrum of dichotone B (**2**) in $CDCl_3$ (100MHz)

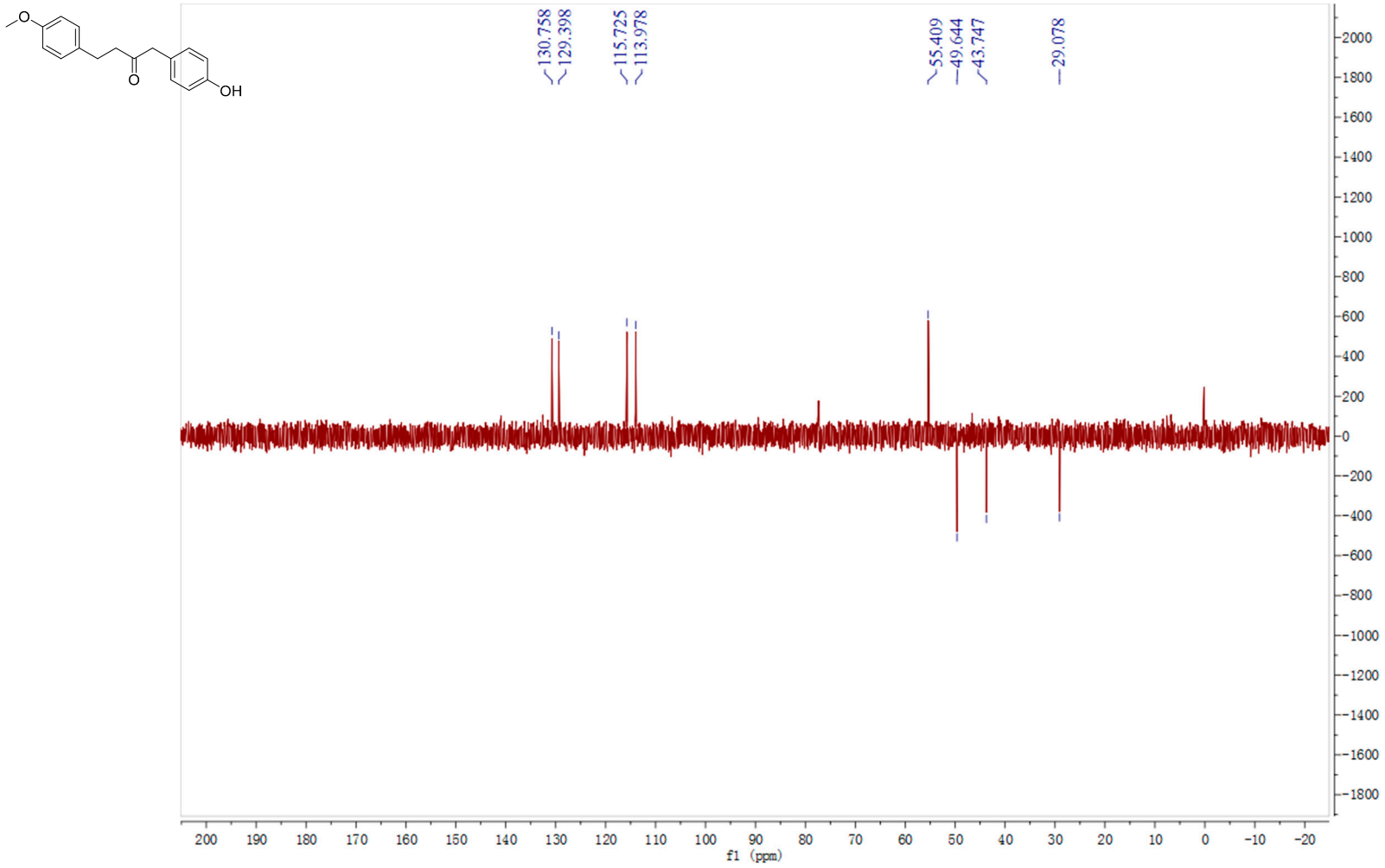


Figure S12. HMQC spectrum of dichotone B (**2**) in $CDCl_3$

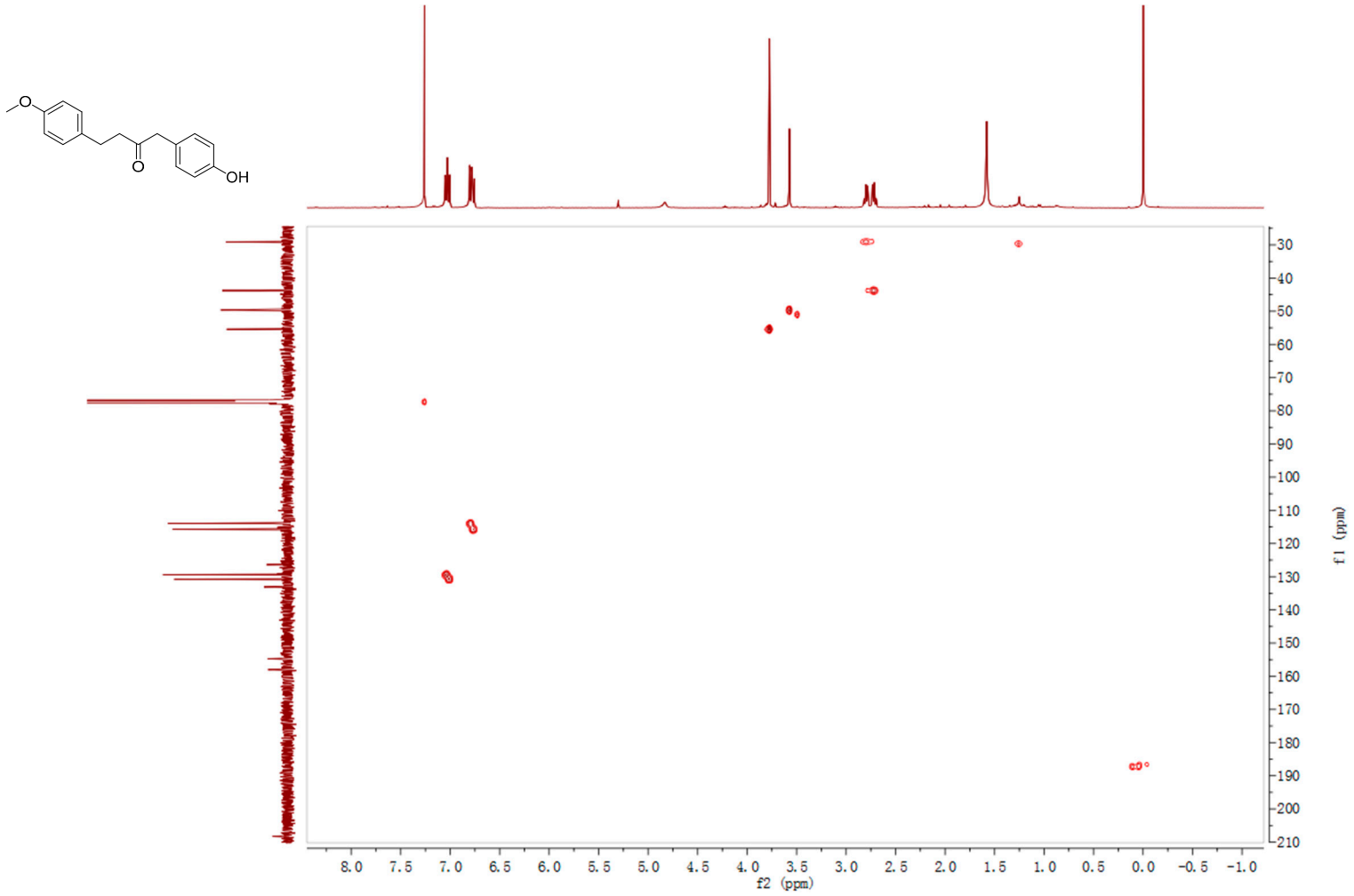


Figure S13. ^{1}H-^{1}H COSY spectrum of dichotone B (**2**) in $CDCl_3$

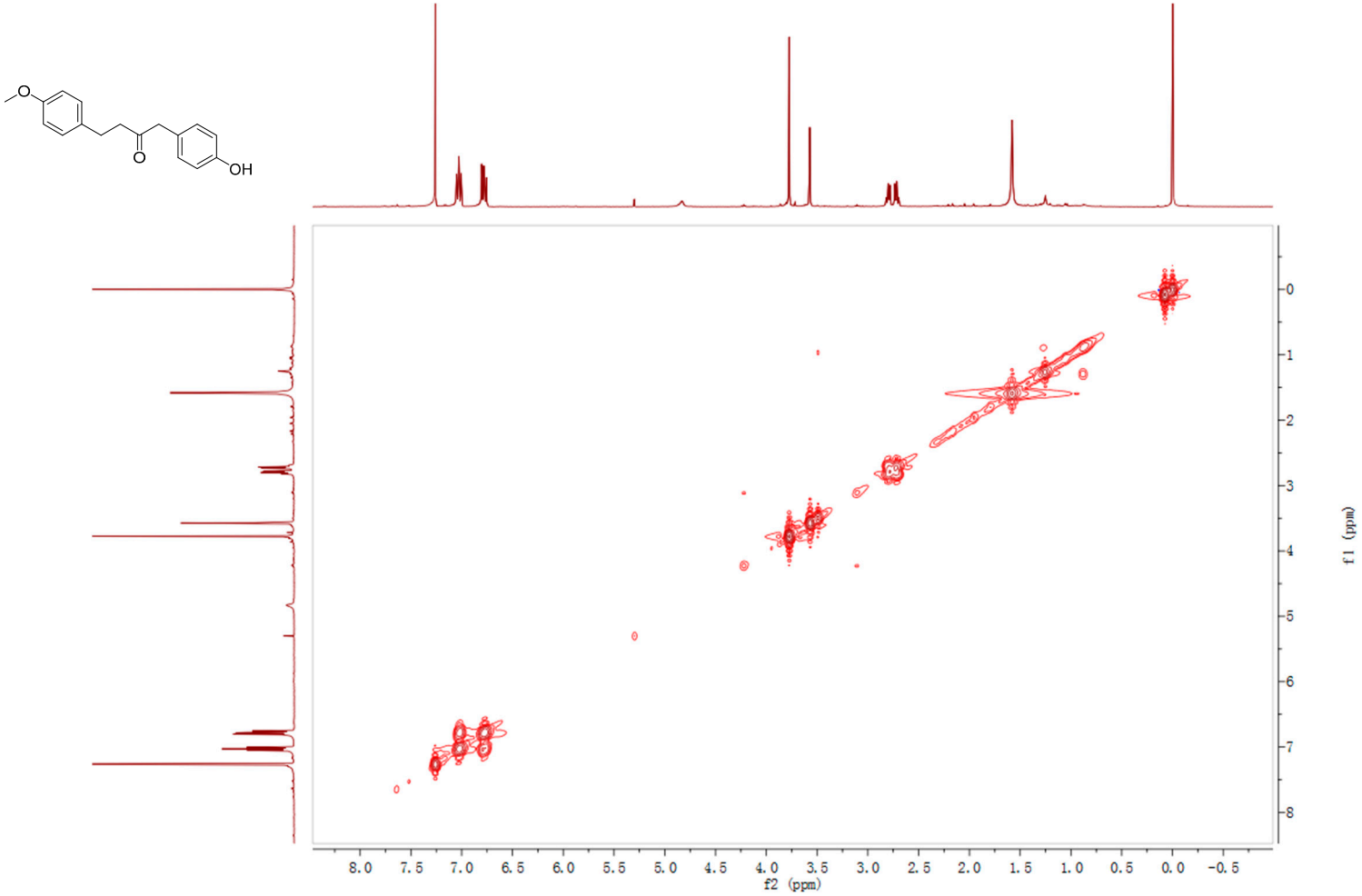


Figure S14. HMBC spectrum of dichotone B (**2**) in $CDCl_3$

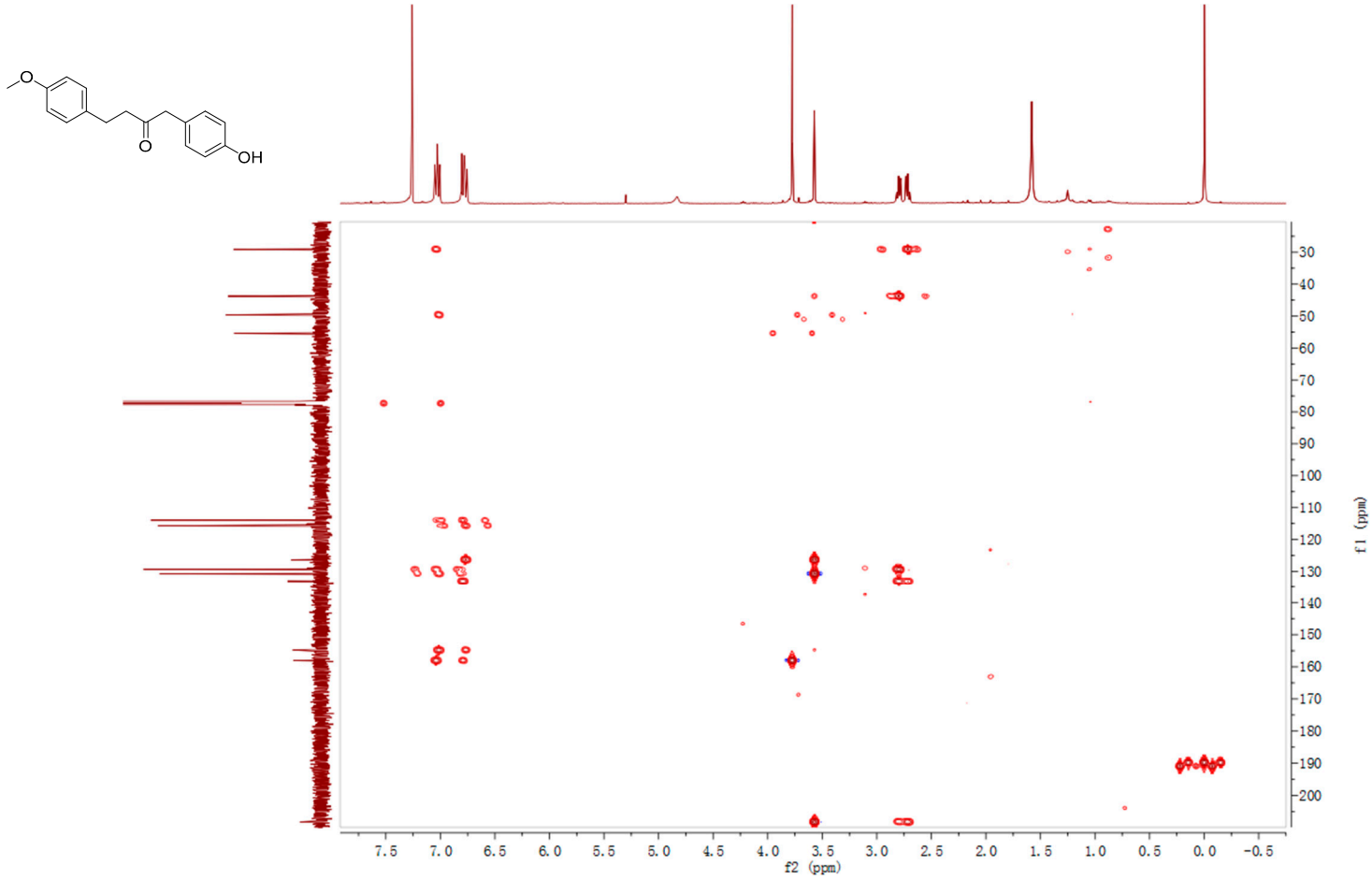


Figure S15. ^{1}H NMR spectrum of dichotocejpin C (**3**) in acetone-d_6 (400MHz)

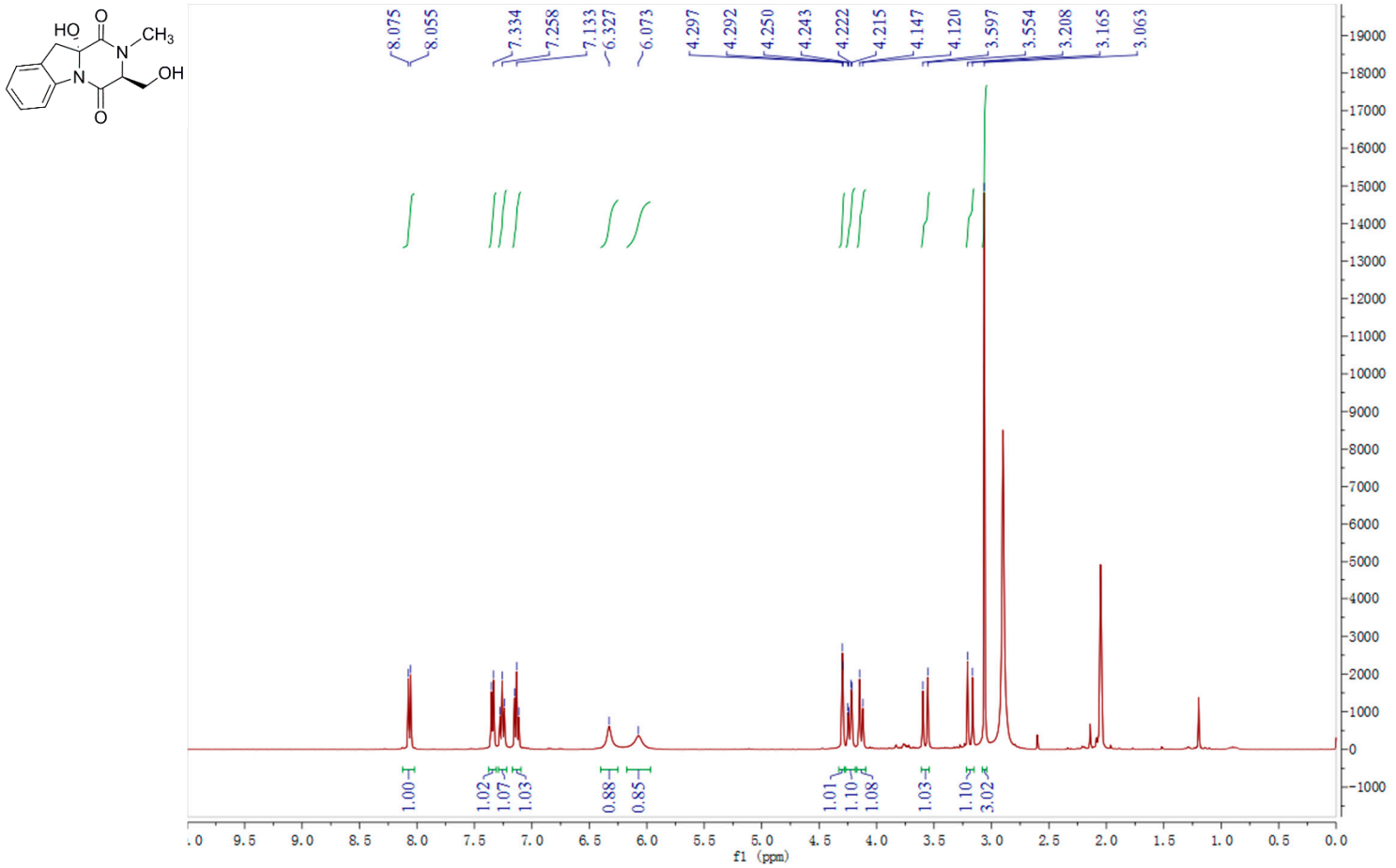


Figure S16. ^{13}C NMR spectrum of dichotocejpin C (**3**) in acetone-d_6 (100MHz)

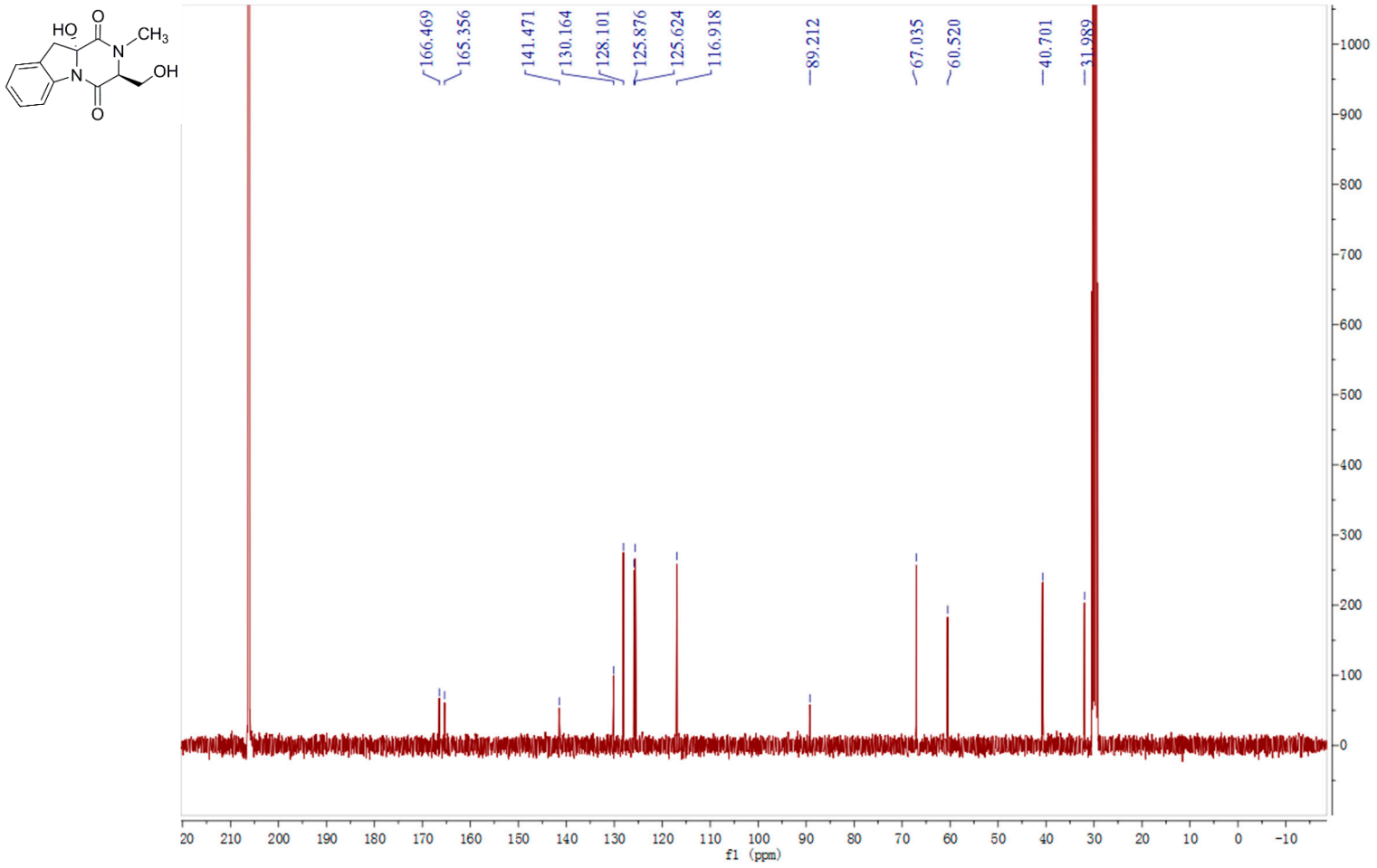


Figure S17. ^{1}H NMR spectrum of bis-*N*-norgliovictin (**4**) in DMSO-d_6 (400MHz)

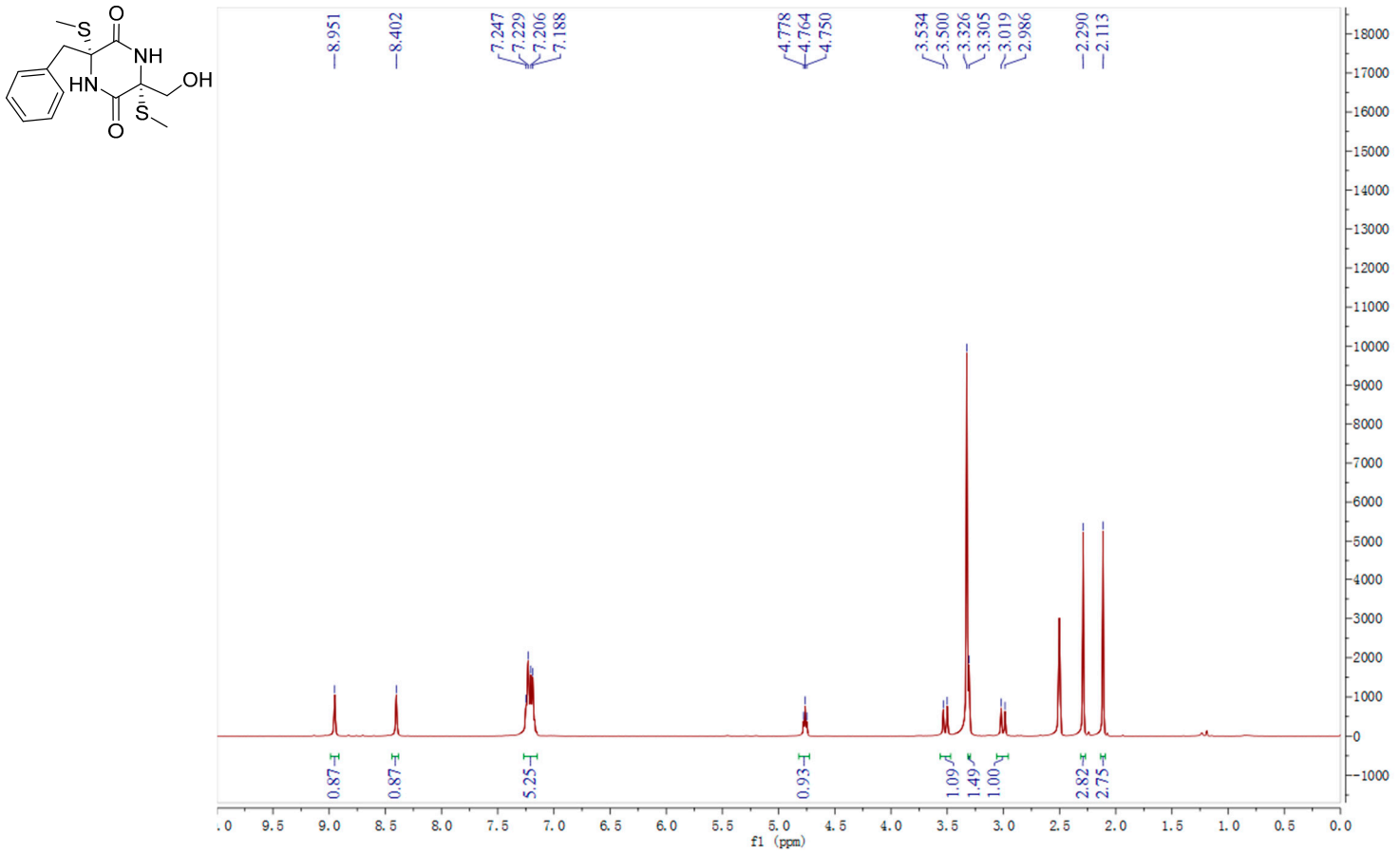


Figure S18. ^{13}C NMR spectrum of bis-*N*-norgliovictin (**4**) in DMSO-d_6 (100MHz)

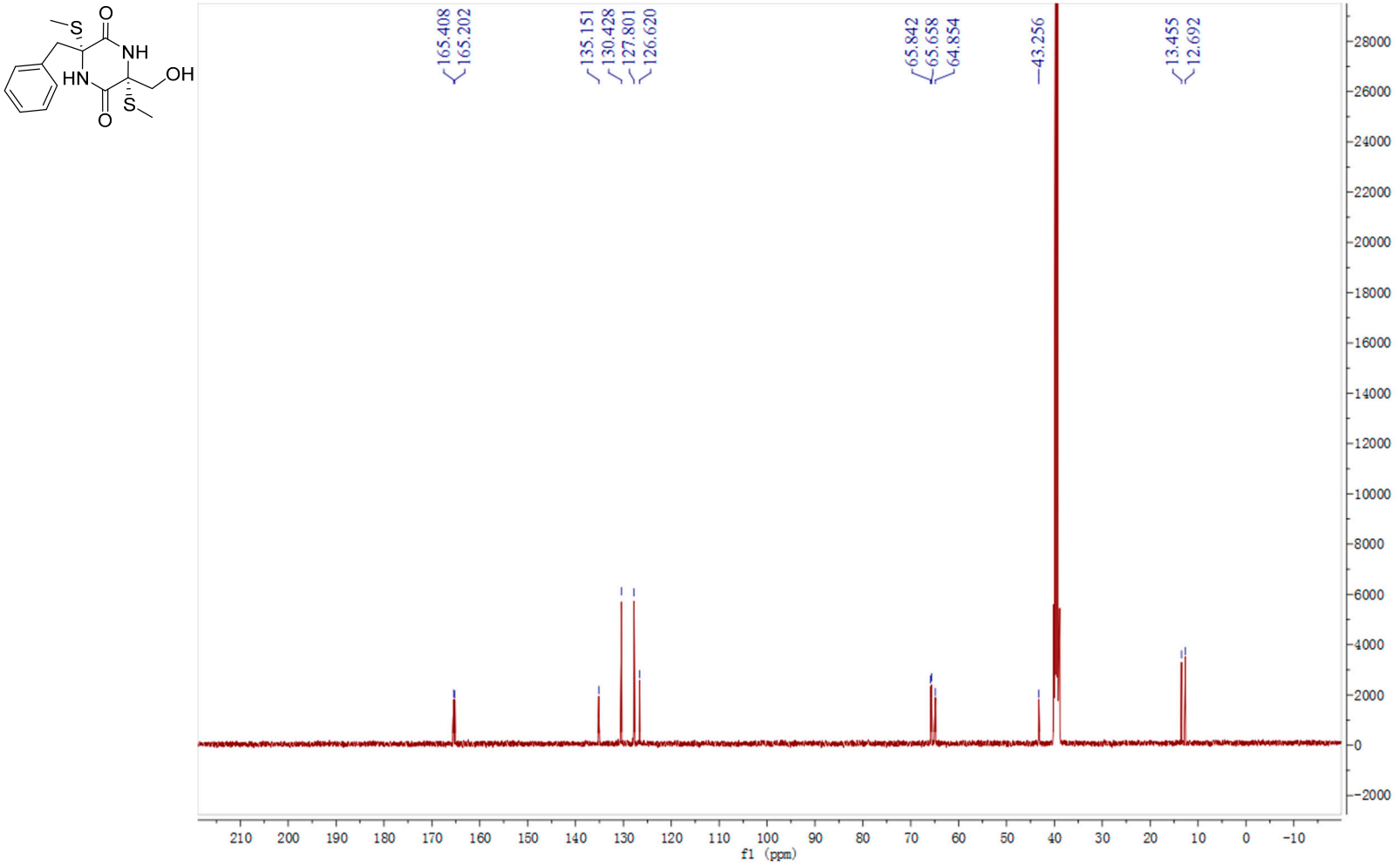


Figure S19. ^{1}H NMR spectrum of bassiatin (**5**) in $CDCl_3$ (400MHz)

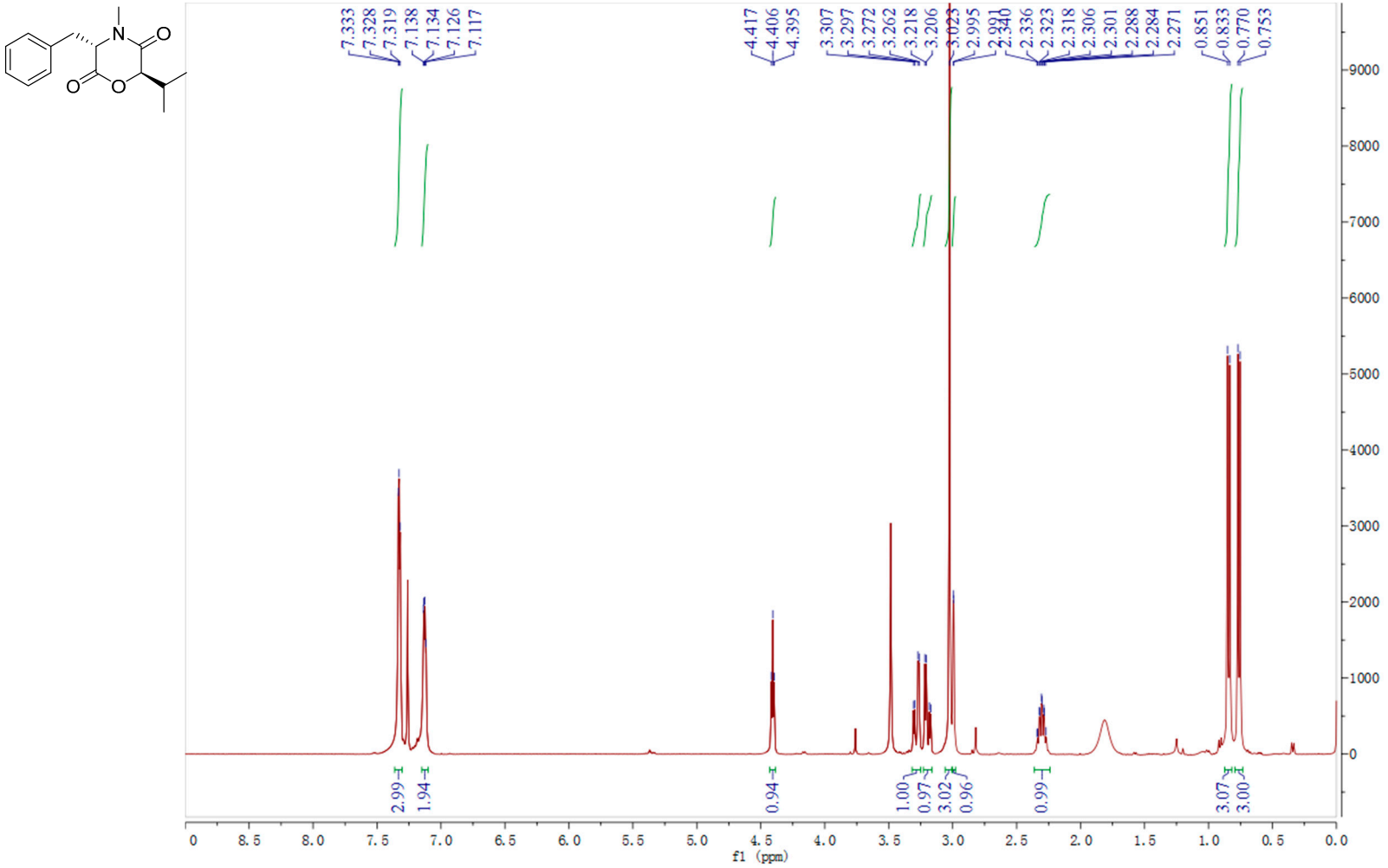


Figure S20. ^{13}C NMR spectrum of bassiatin (**5**) in $CDCl_3$ (100MHz)

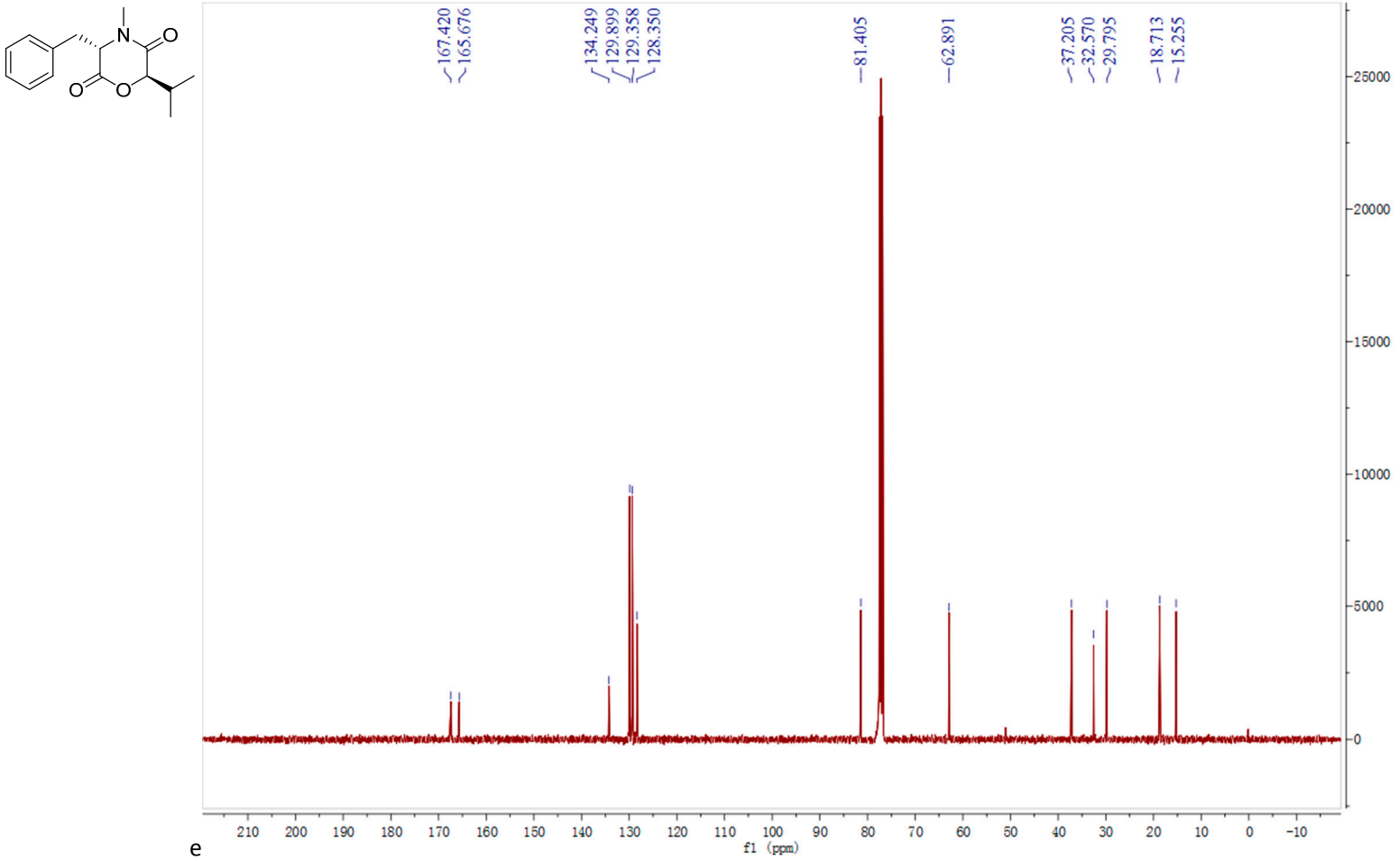


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Figure S21. ^{1}H NMR spectrum of 3*R*, 6*R*-bassiatin (**6**) in $CDCl_3$ (400MHz)

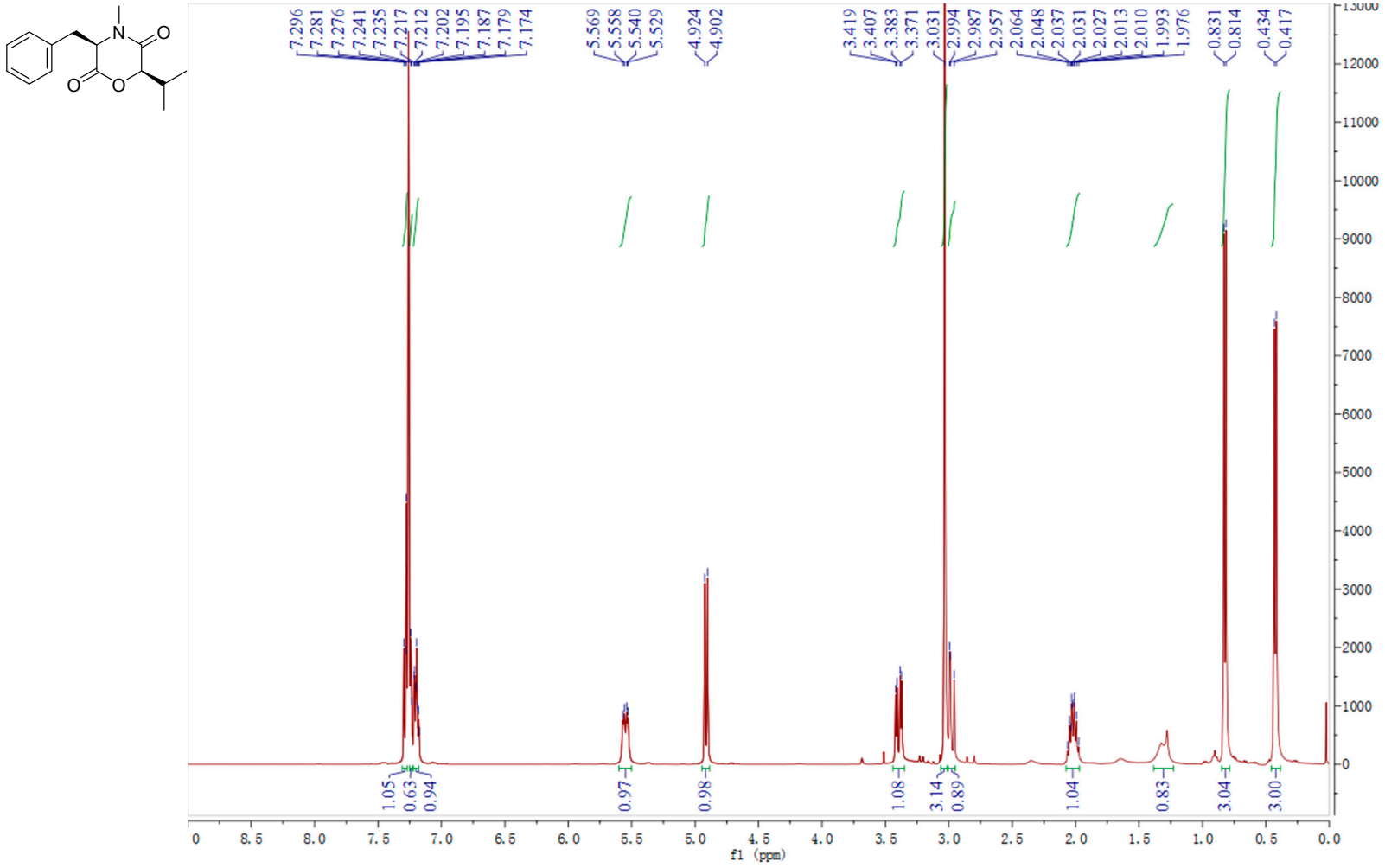

Figure S22. ^{13}C NMR spectrum of 3*R*, 6*R*-bassiatin (**6**) in $CDCl_3$ (100MHz)