Supporting Information

***Rec. Nat. Prod*. X:X (202X) XX-XX**

Diterpenoids from the Roots of *Clerodendrum bungei*

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[2]Department of Food and Drugs, Shandong Institute of Commerce & Technology, Jinan 250103, China
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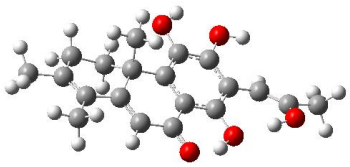
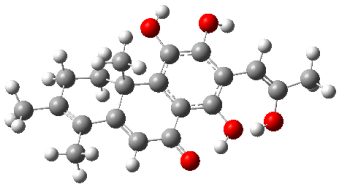
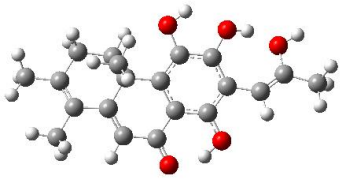
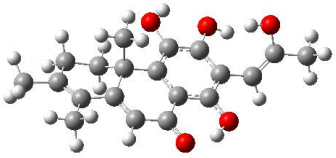
Table S1. Re-optimized conformers, energies and proportions for **1**.

No.	Conformer	Energy (hartree)	Energy (Kcal/mol)	Proportion (%)
1		-1151.8059374	-722769.743777874	52.57
2		-1151.8058152	-722769.667096152	46.18
3		-1151.8022875	-722767.453429125	1.10
4		-1151.7997953	-722765.889548703	0.08
5		-1151.7996883	-722765.822405133	0.07

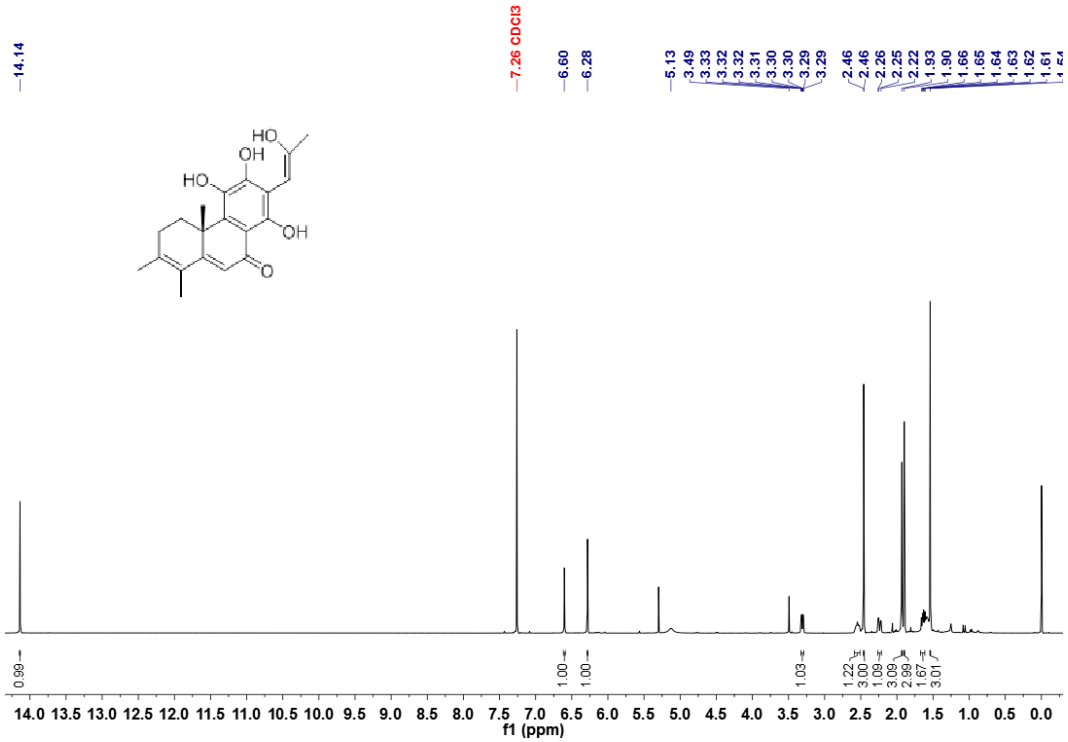


Figure S1: ^{1}H NMR spectrum of **1** in $CDCl_3$.

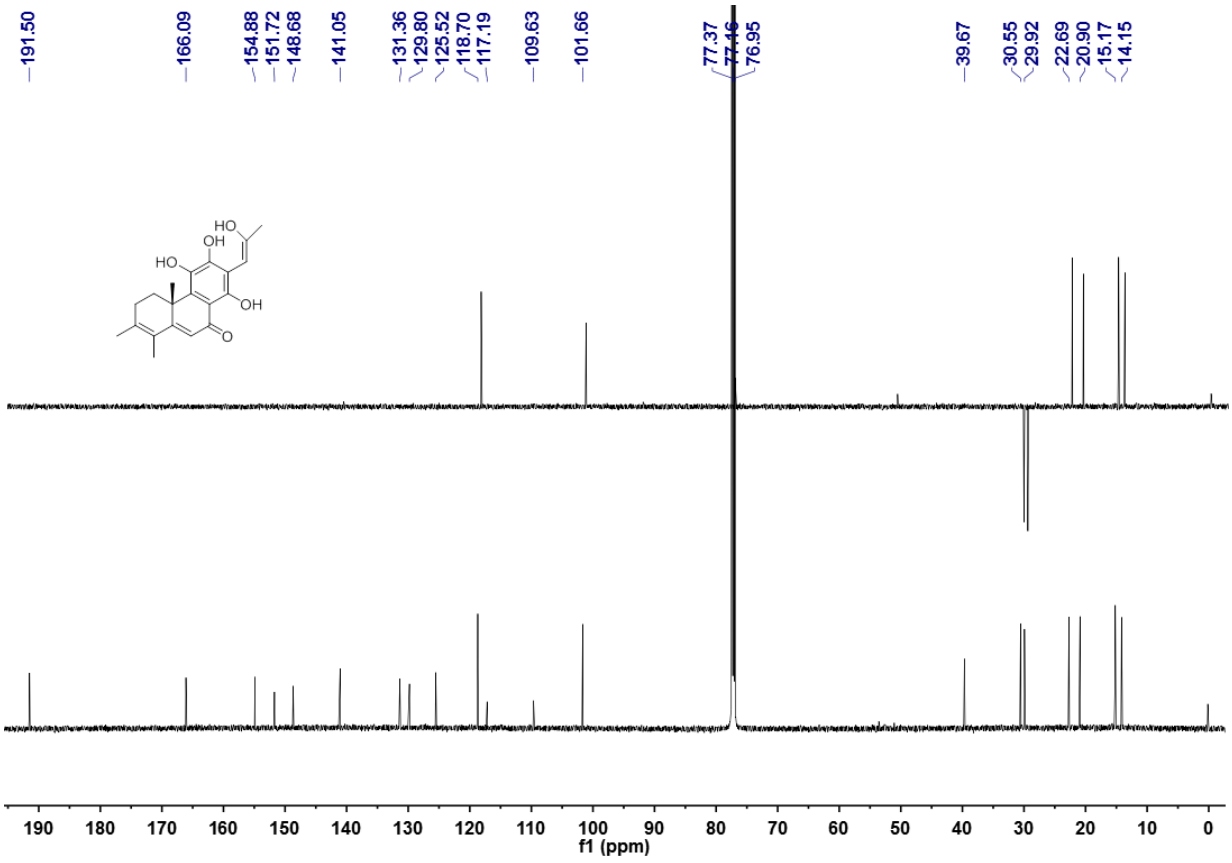


Figure S2: ^{13}C and DEPT NMR spectra of **1** in $CDCl_3$.

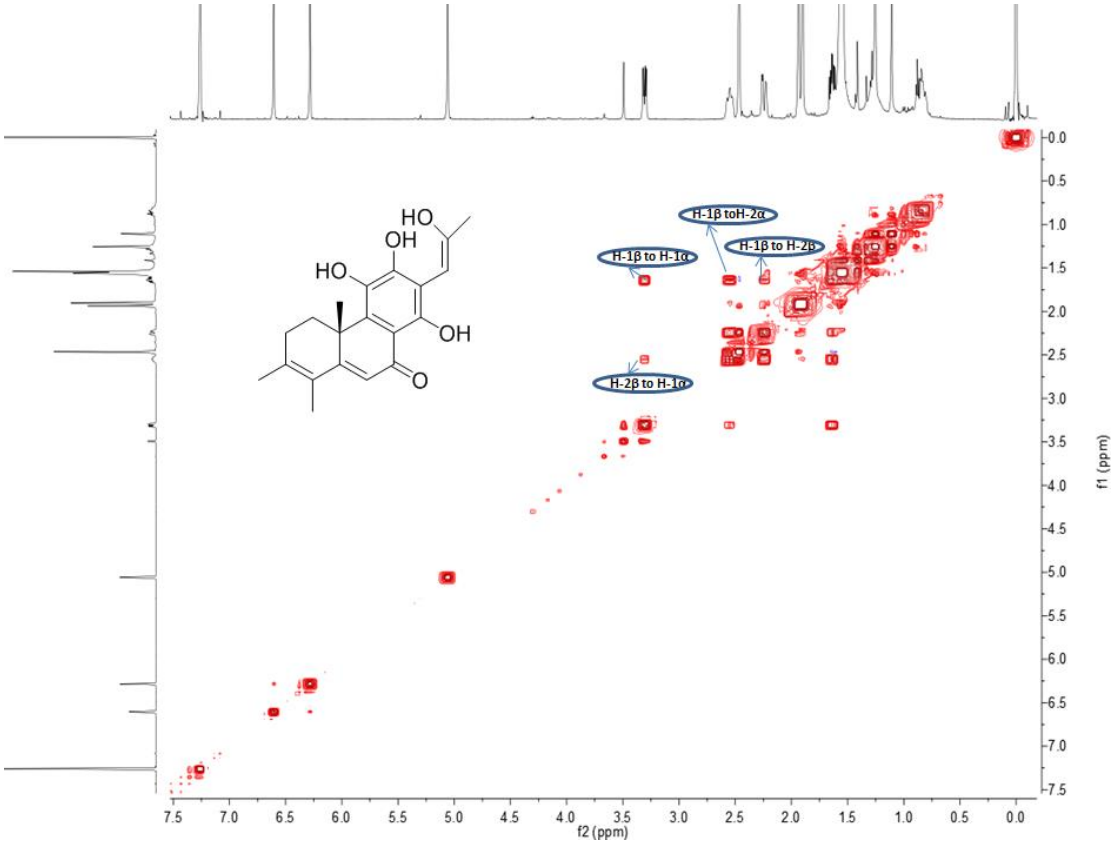


Figure S3: ^{1}H-^{1}H COSY spectrum of **1** in $CDCl_3$.

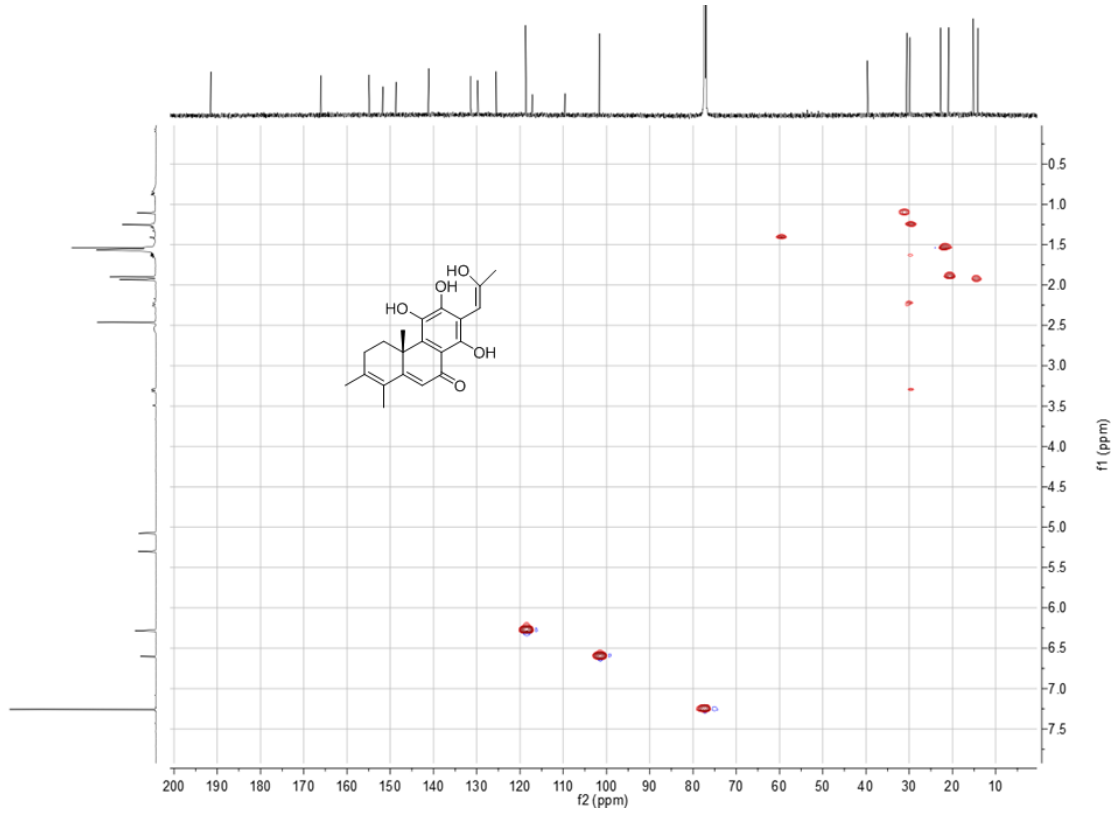


Figure S4: HSQC spectrum of **1** in $CDCl_3$.

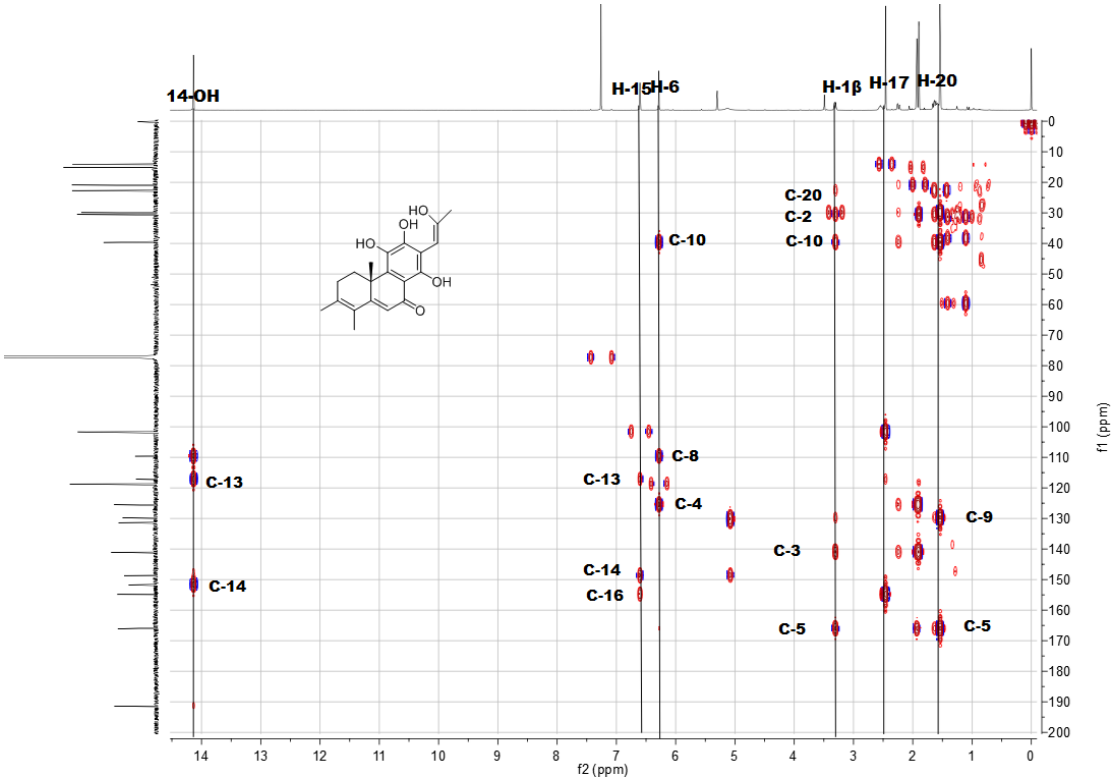


Figure S5: HMBC spectrum of **1** in $CDCl_3$.

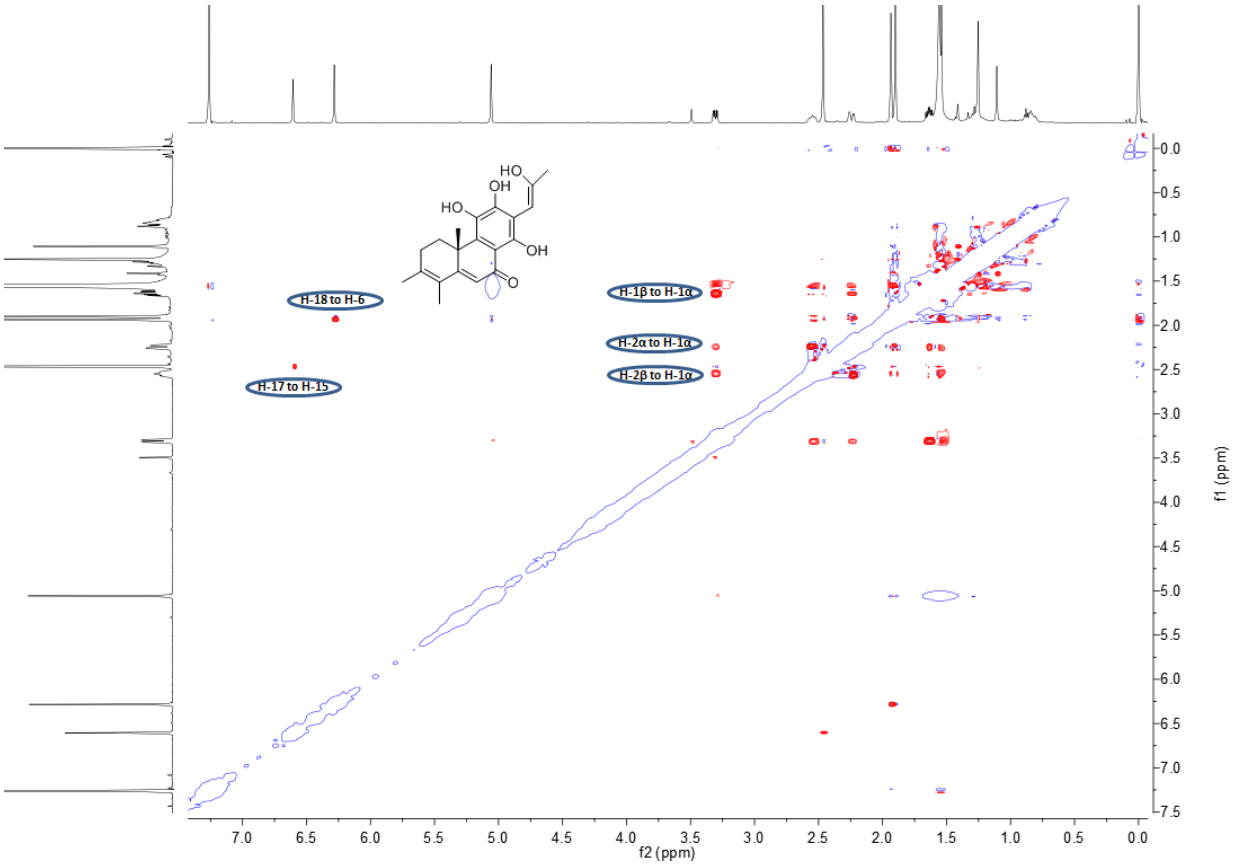


Figure S6: NOESY spectrum of **1** in $CDCl_3$

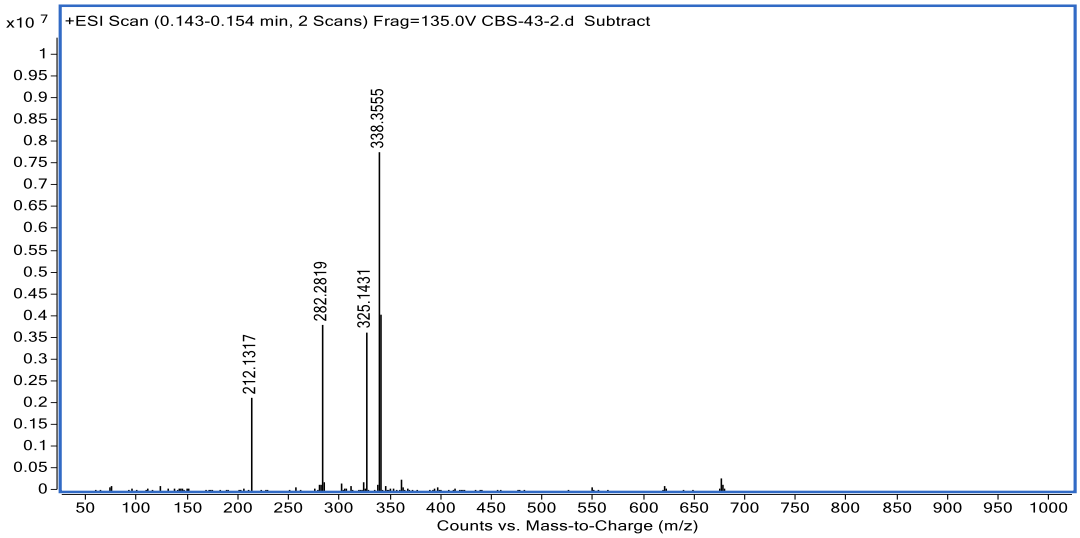


Figure S7: (+)-HR-ESIMS spectrum of **1**.

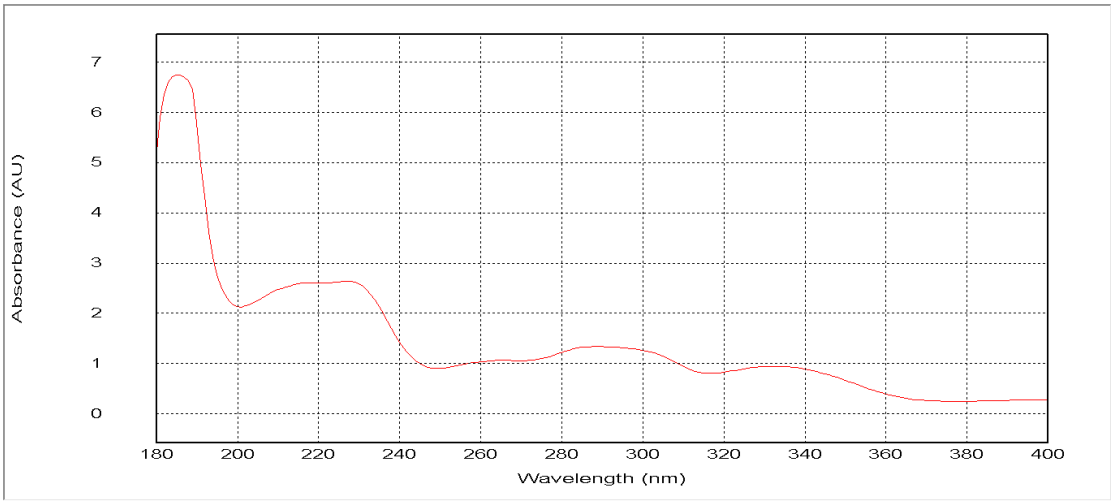


Figure S8: The **UV** spectrum of **1**.

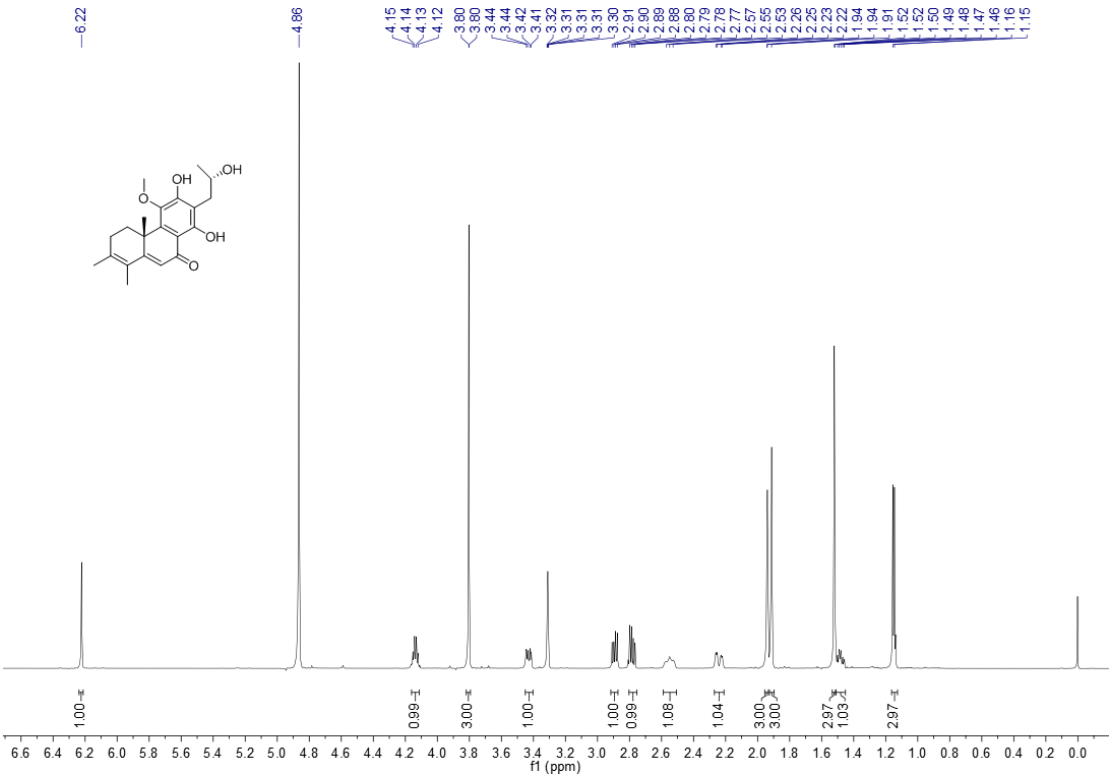


Figure S9: ^{1}H NMR spectrum of **2** in CD_3OD.

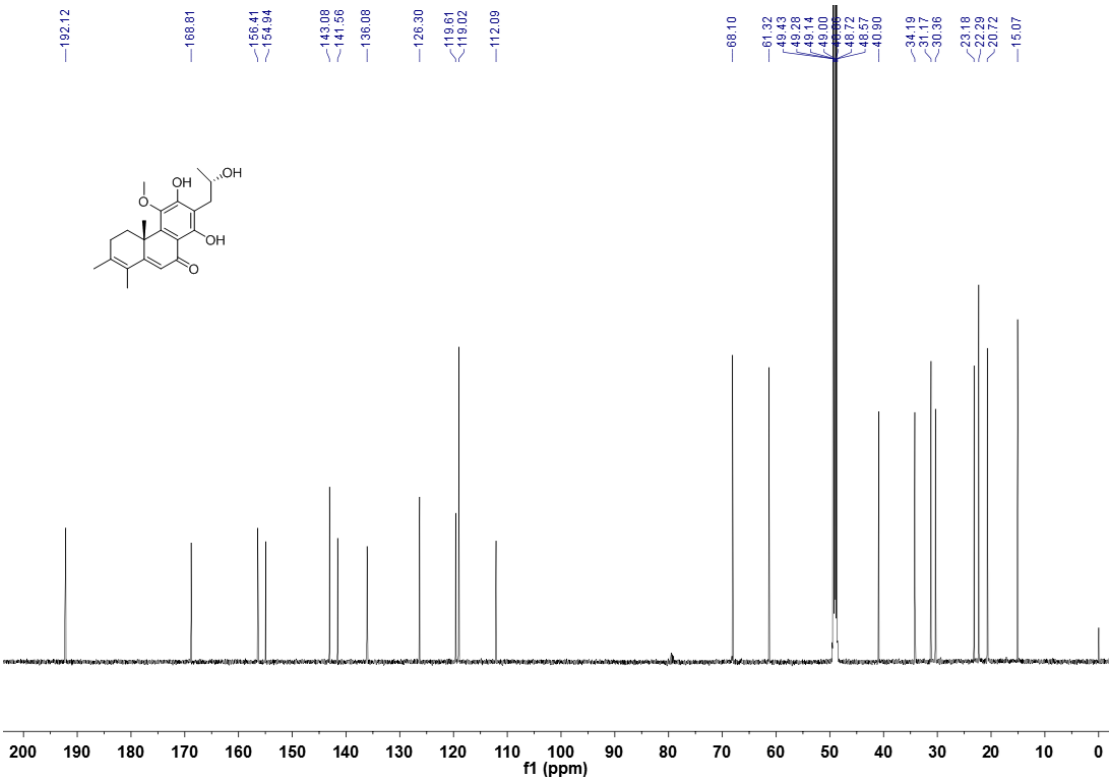


Figure S10: ^{13}C NMR spectrum of **2** in CD_3OD.

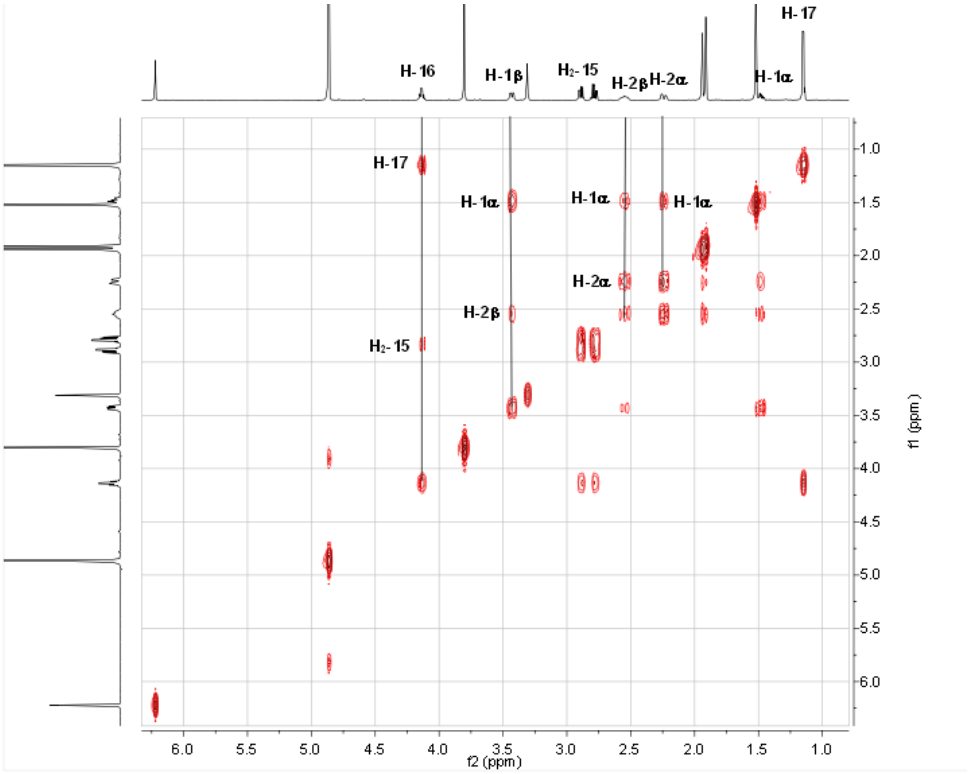


Figure S11: ^{1}H-^{1}H COSY spectrum of **2** in CD_3OD.

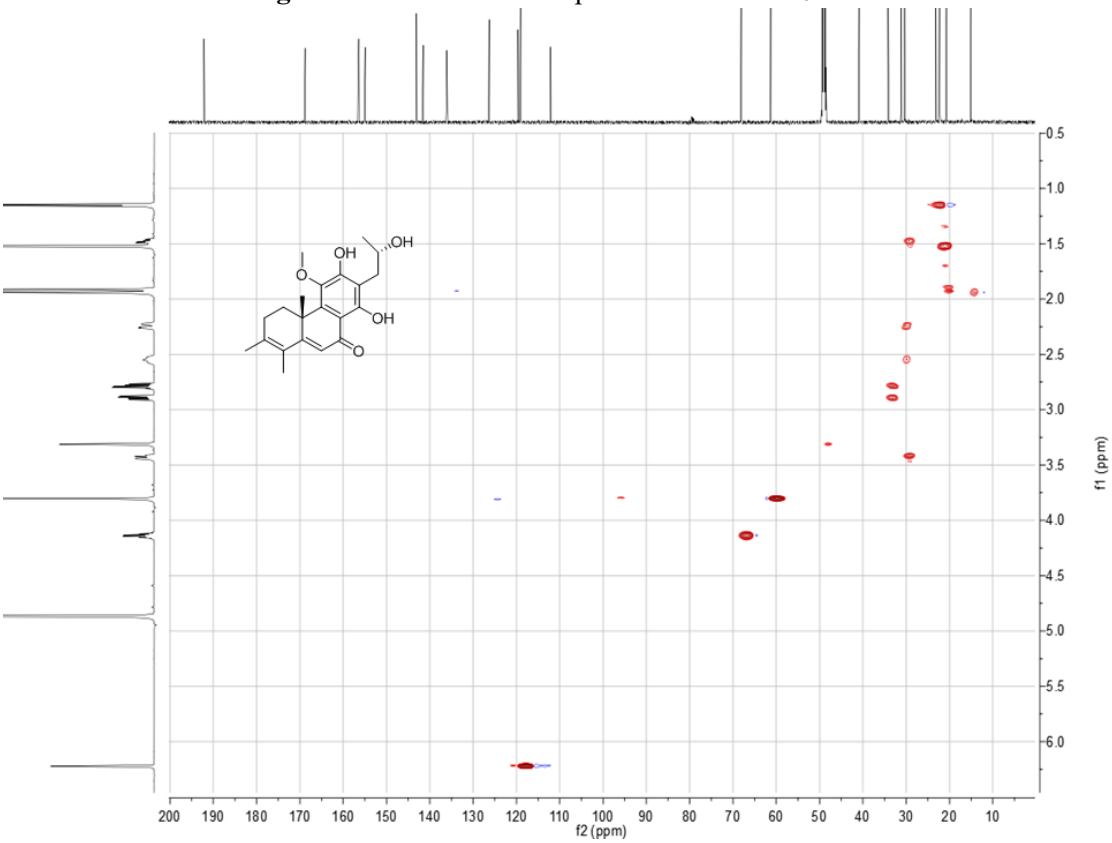


Figure S12: HSQC spectrum of **2** in CD_3OD.

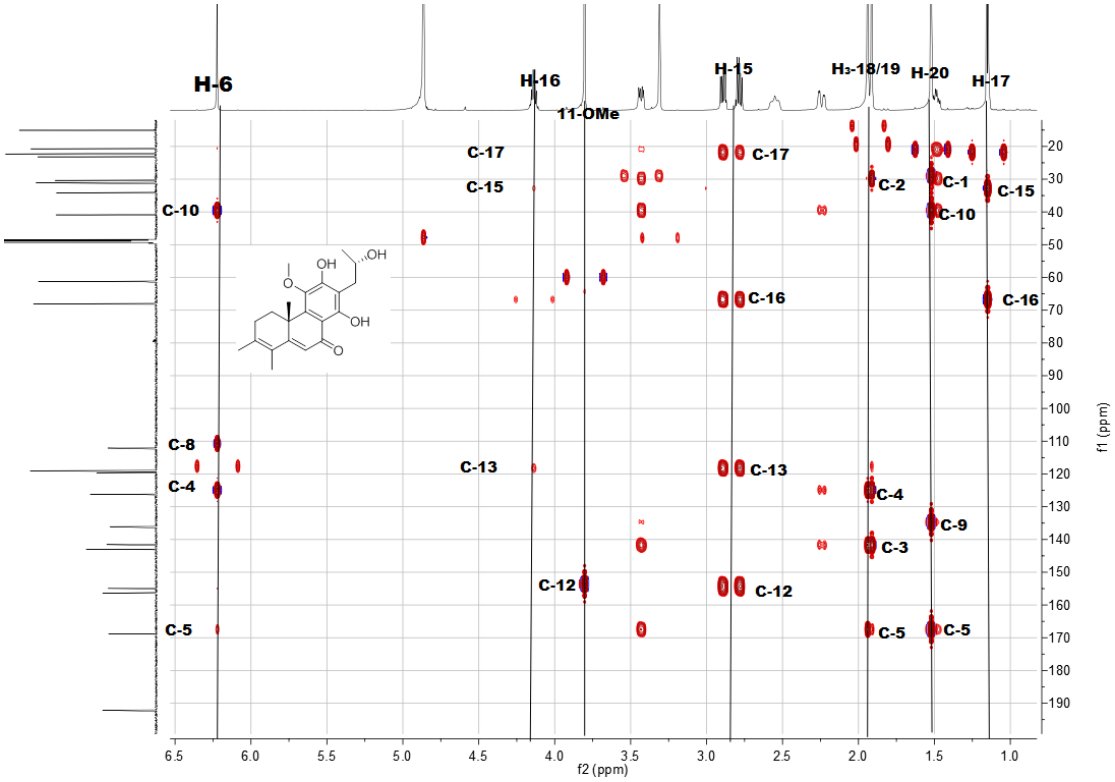


Figure S13: HMBC spectrum of **2** in CD_3OD.

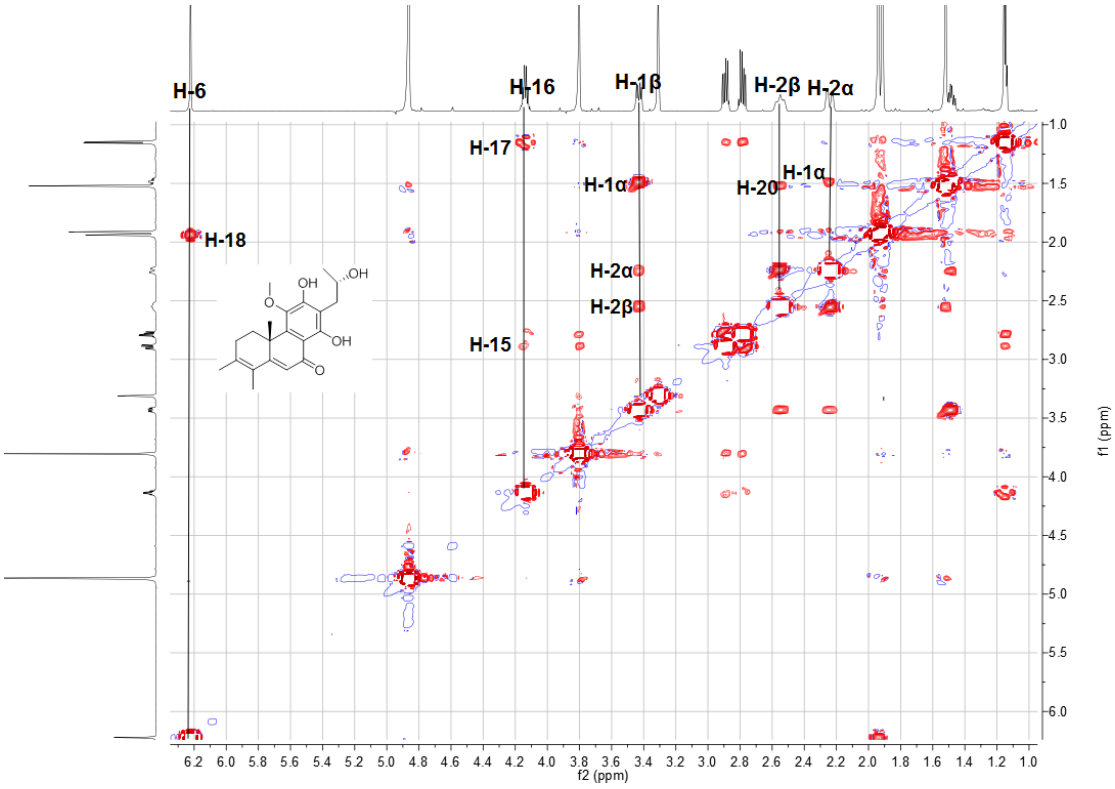


Figure S14: NOESY spectrum of **2** in CD_3OD.

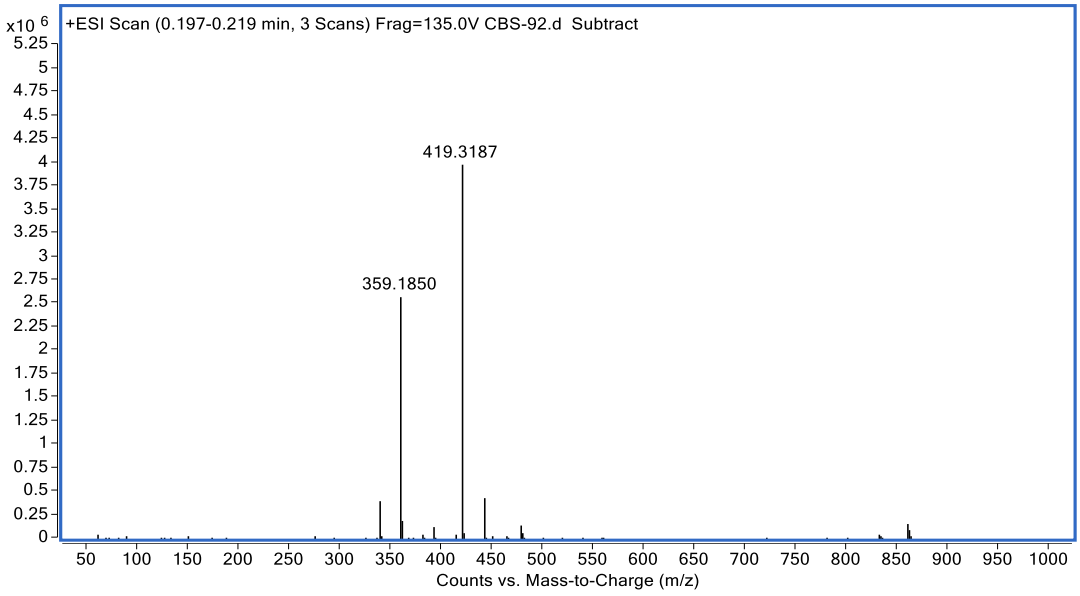


Figure S15: (+)-HR-ESIMS spectrum of **2**.

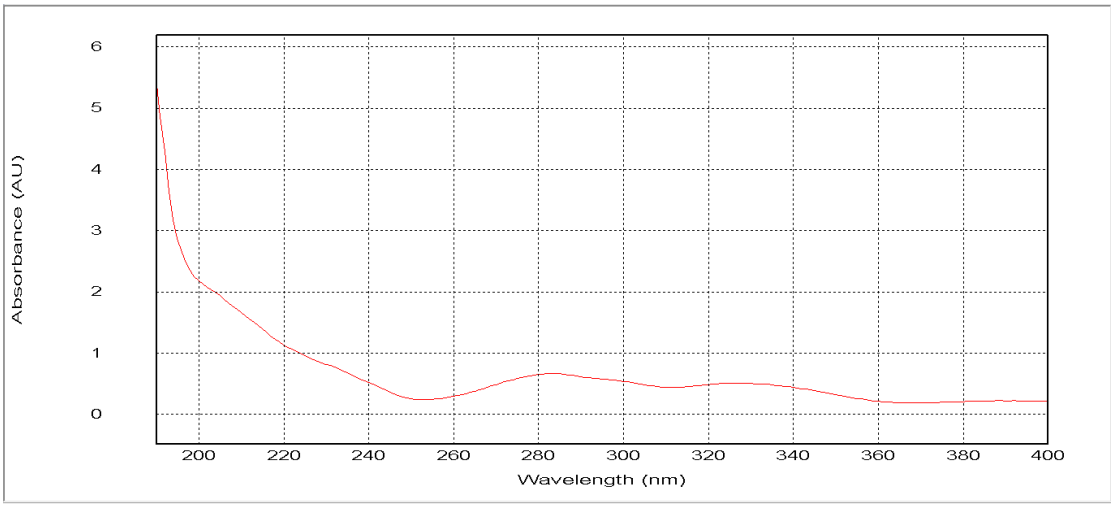


Figure S16: The UV spectrum of **2**.

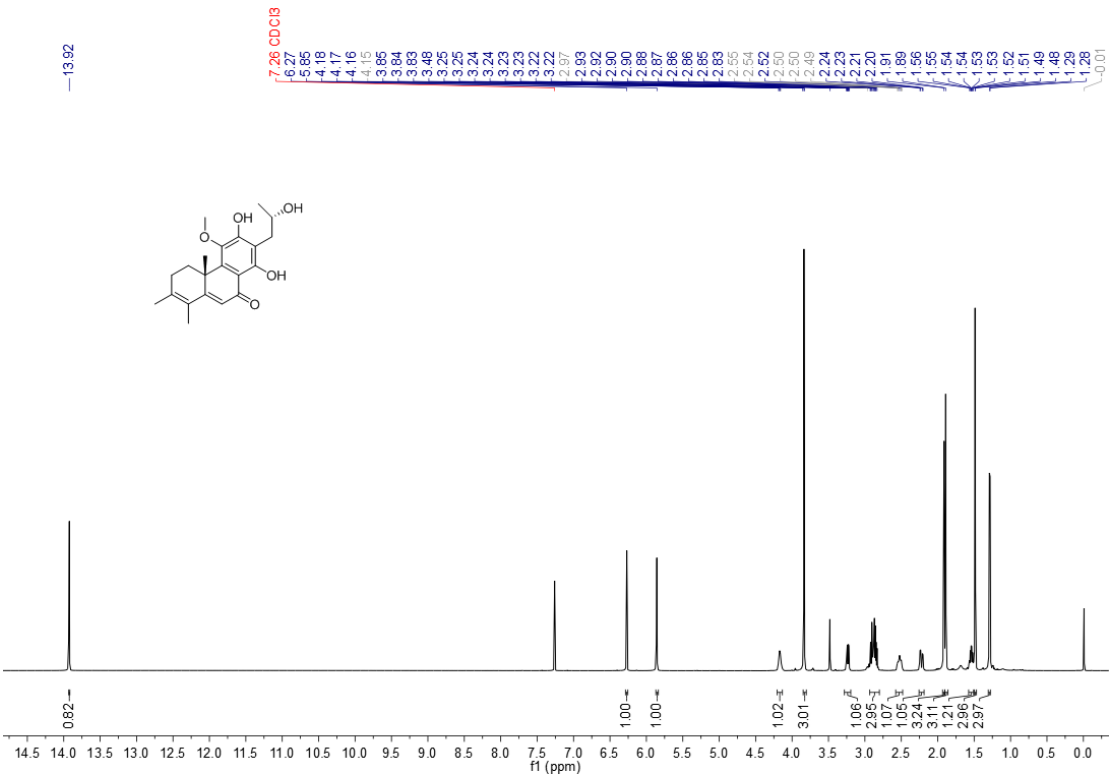


Figure S17: ^{1}H NMR spectrum of **2** in $CDCl_3$.

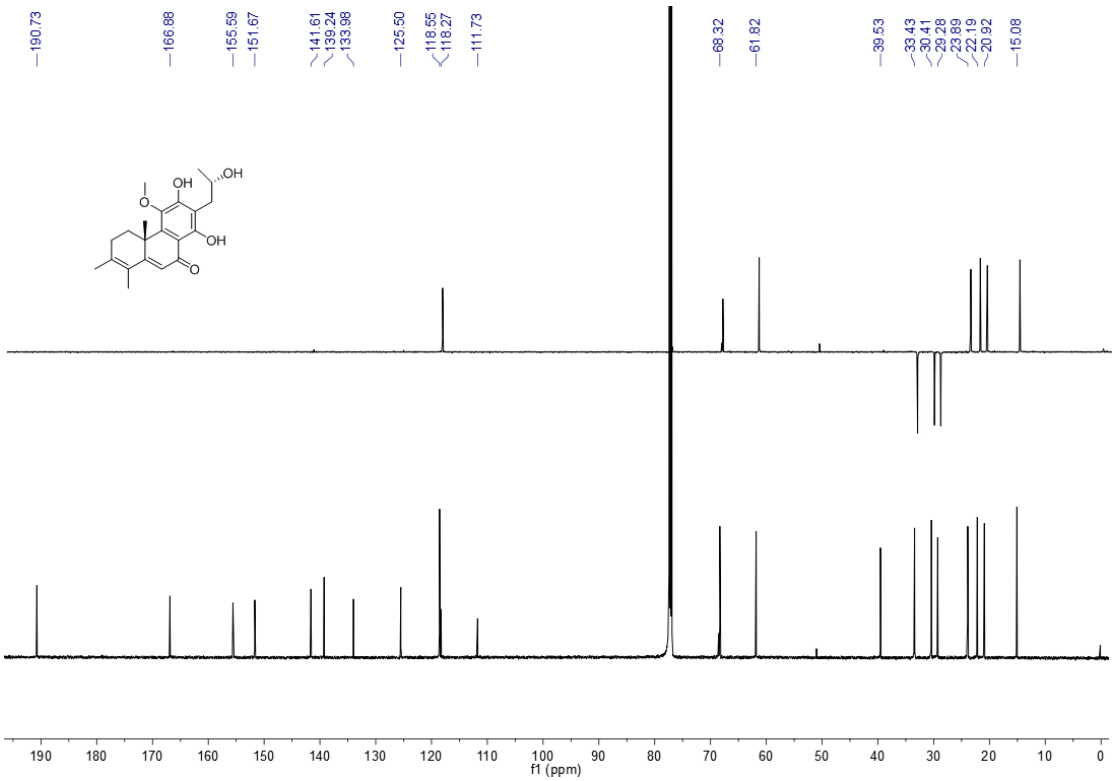


Figure S18: ^{13}C and DEPT NMR spectra of **2** in $CDCl_3$.

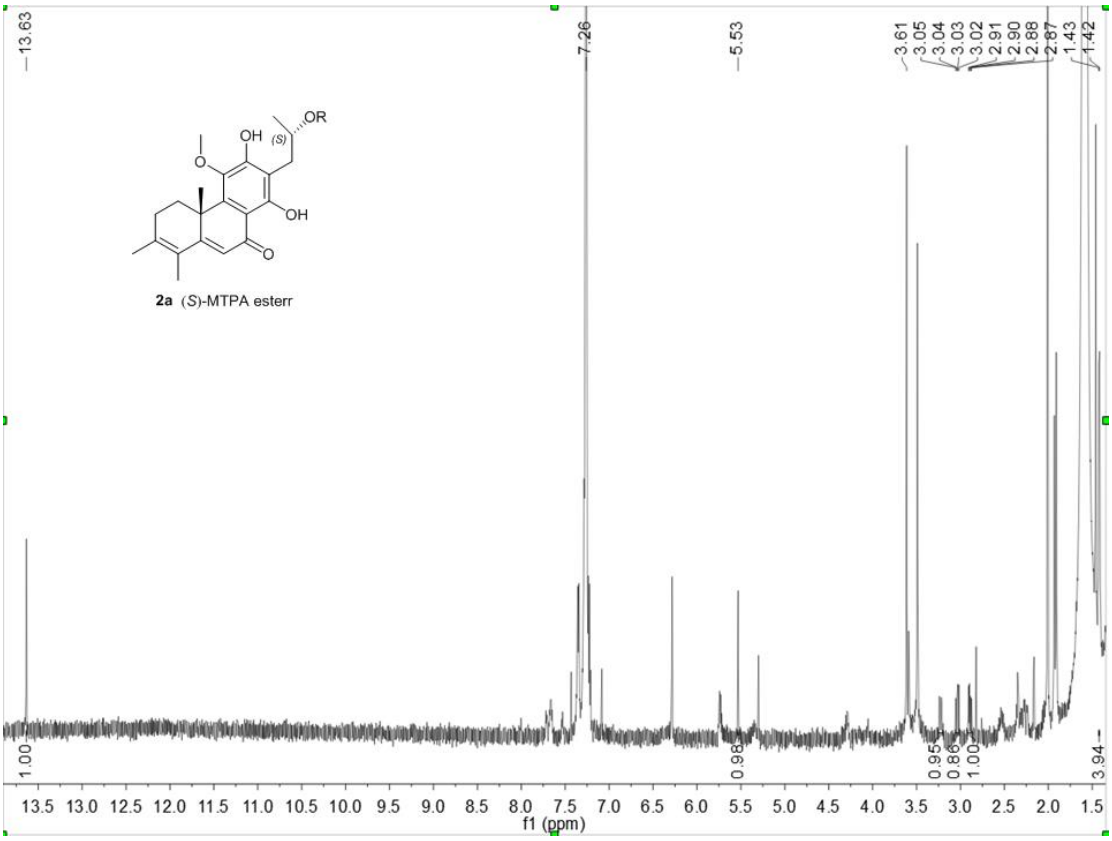


Figure S19: ^{1}H NMR spectrum of **2a** in $CDCl_3$.

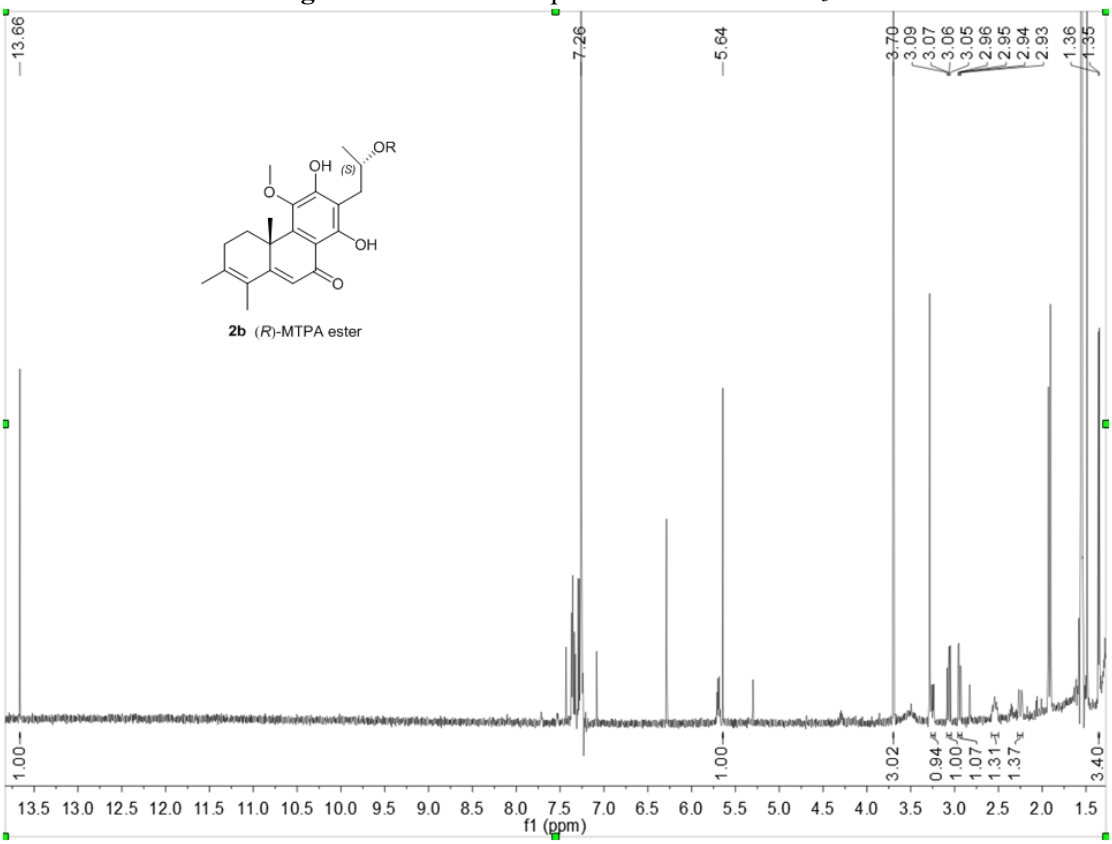


Figure S20: ^{1}H NMR spectrum of **2b** in $CDCl_3$.

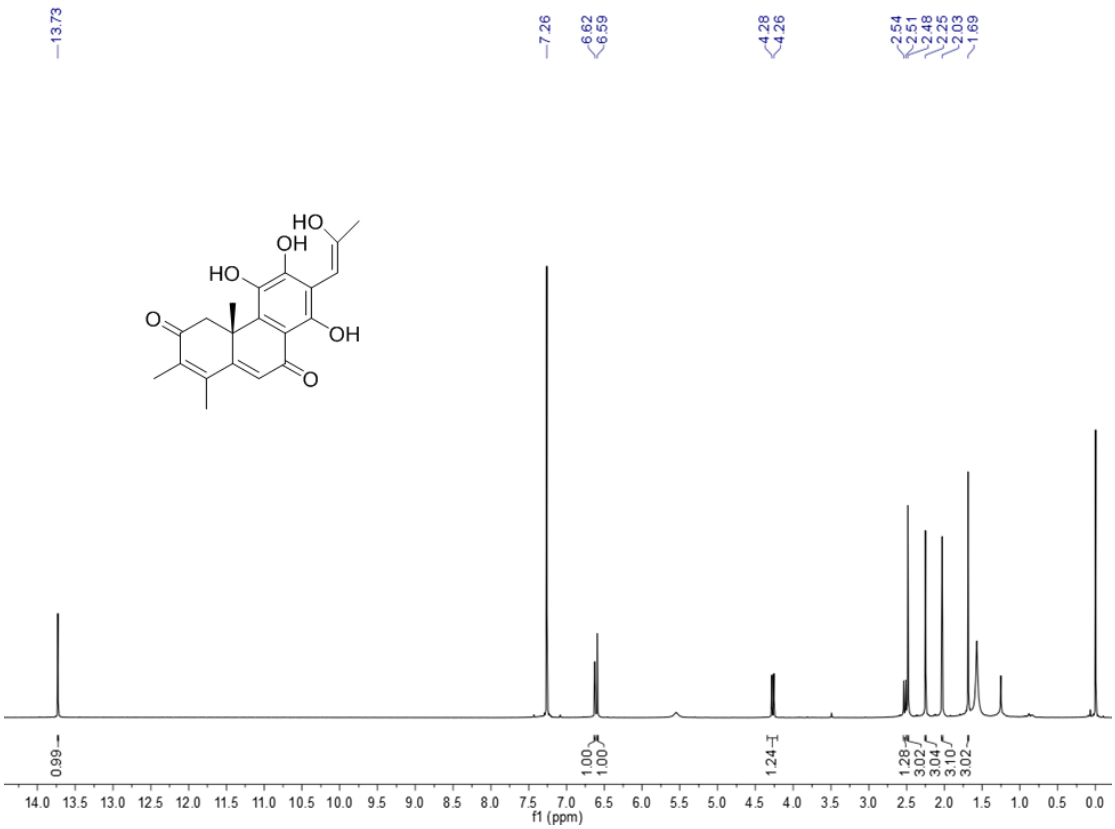


Figure S21: ^{1}H NMR spectrum of **3** in $CDCl_3$.

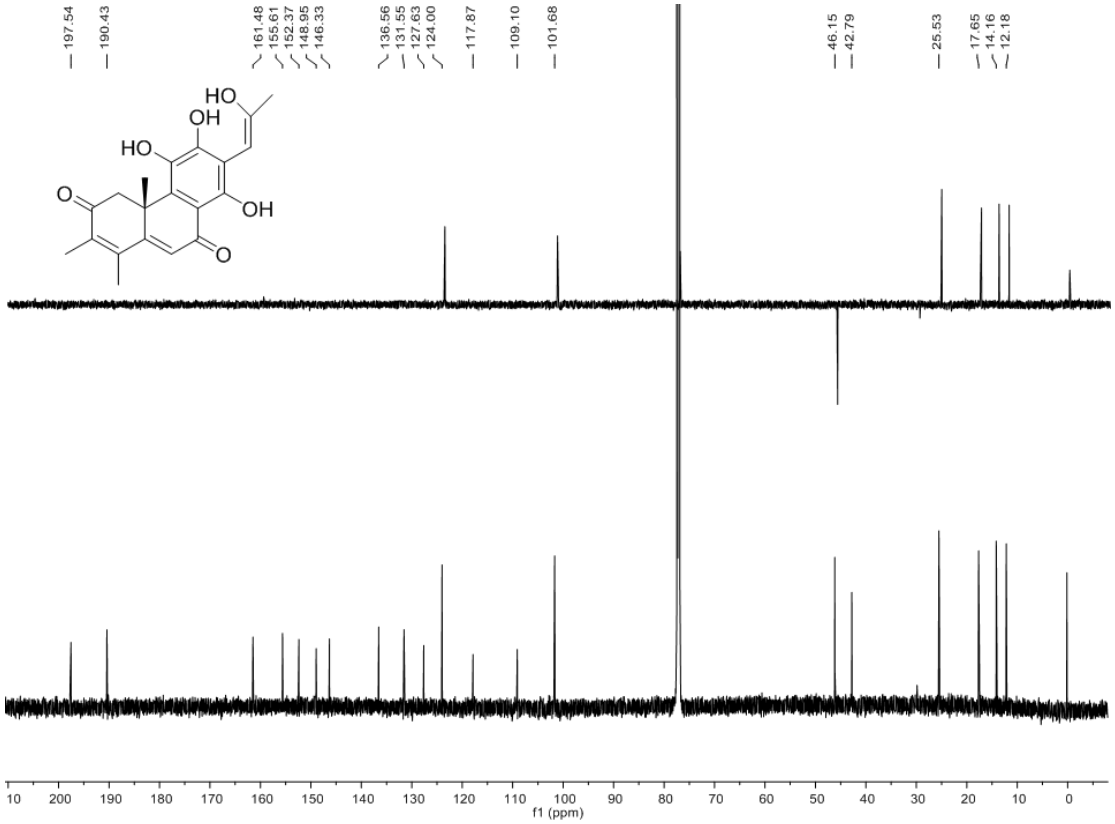


Figure S22: ^{13}C and DEPT NMR spectra of **3** in $CDCl_3$.

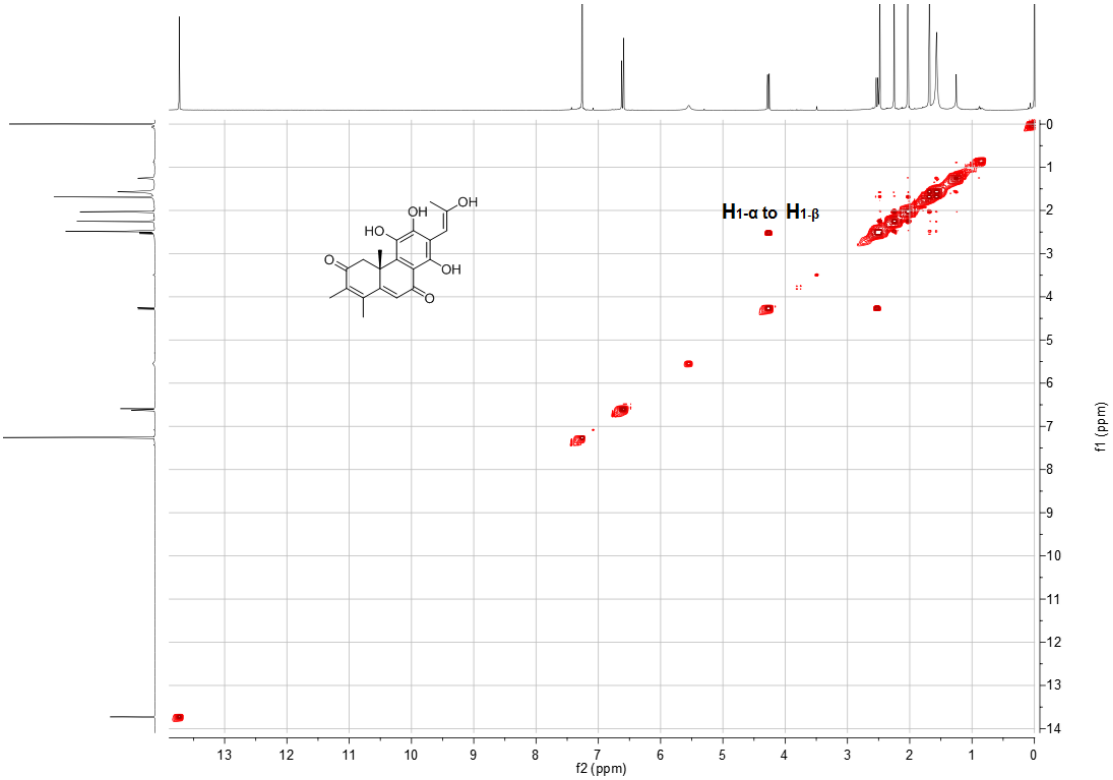


Figure S23: ^{1}H-^{1}H COSY spectrum of **3** in $CDCl_3$.

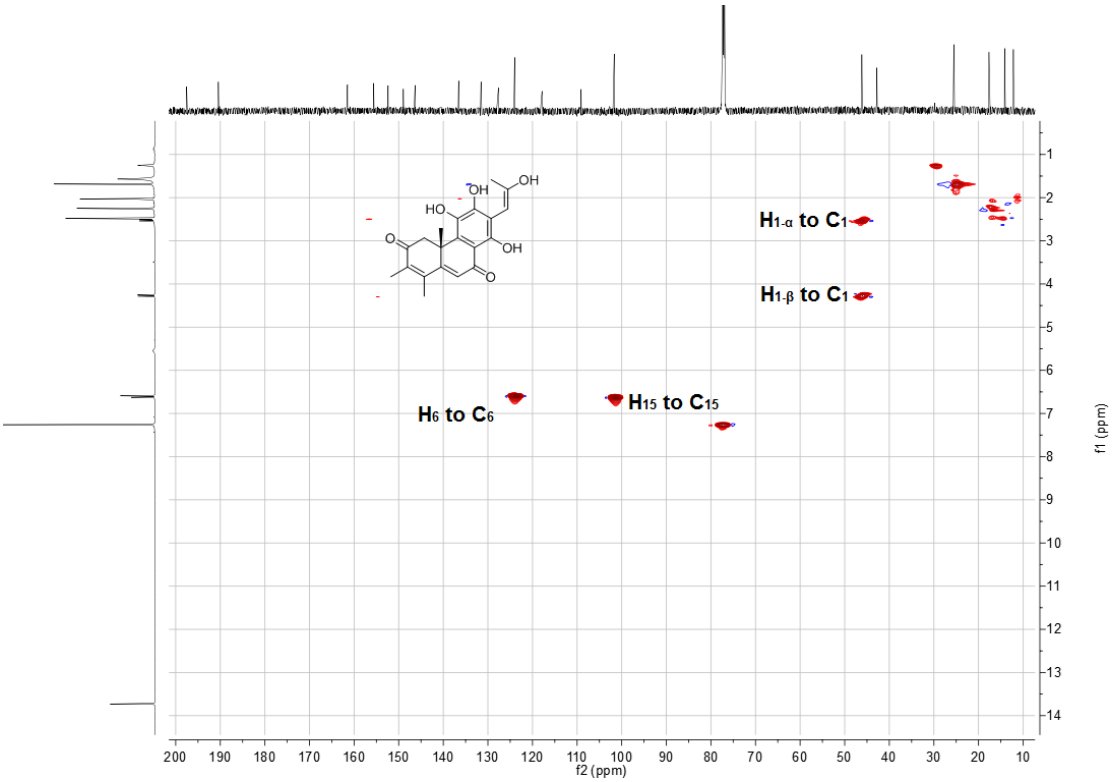


Figure S24: HSQC spectrum of **3** in $CDCl_3$.

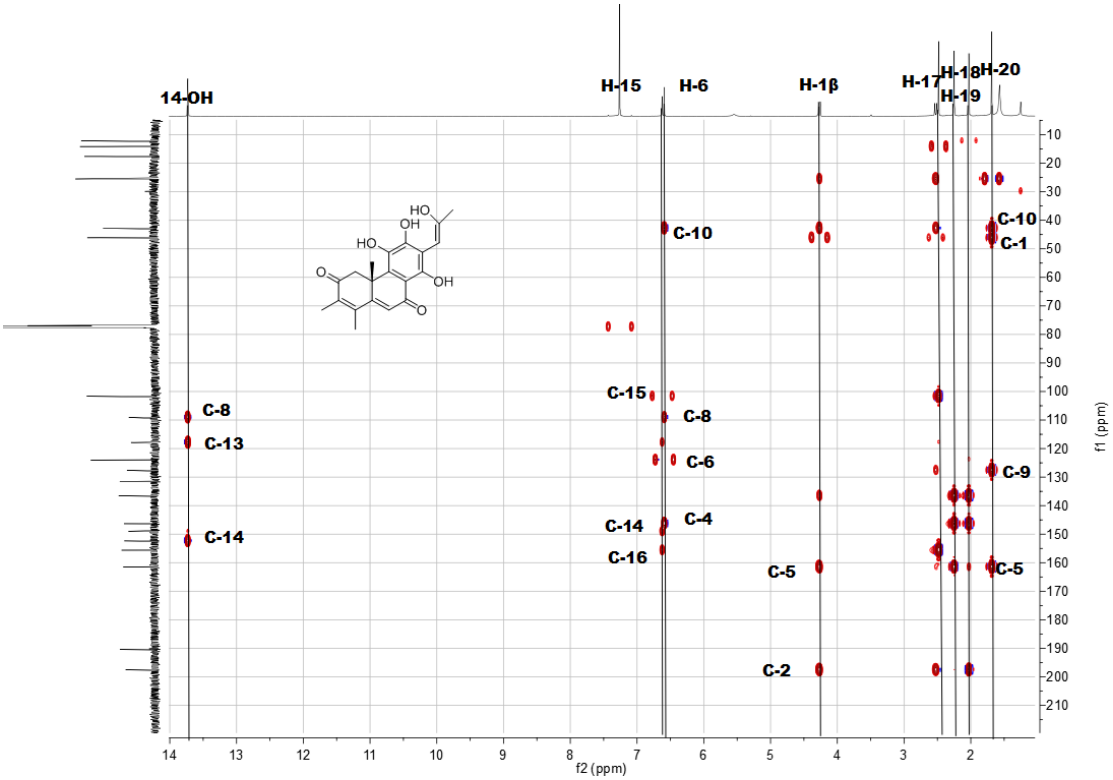


Figure S25: HMBC spectrum of **3** in $CDCl_3$.

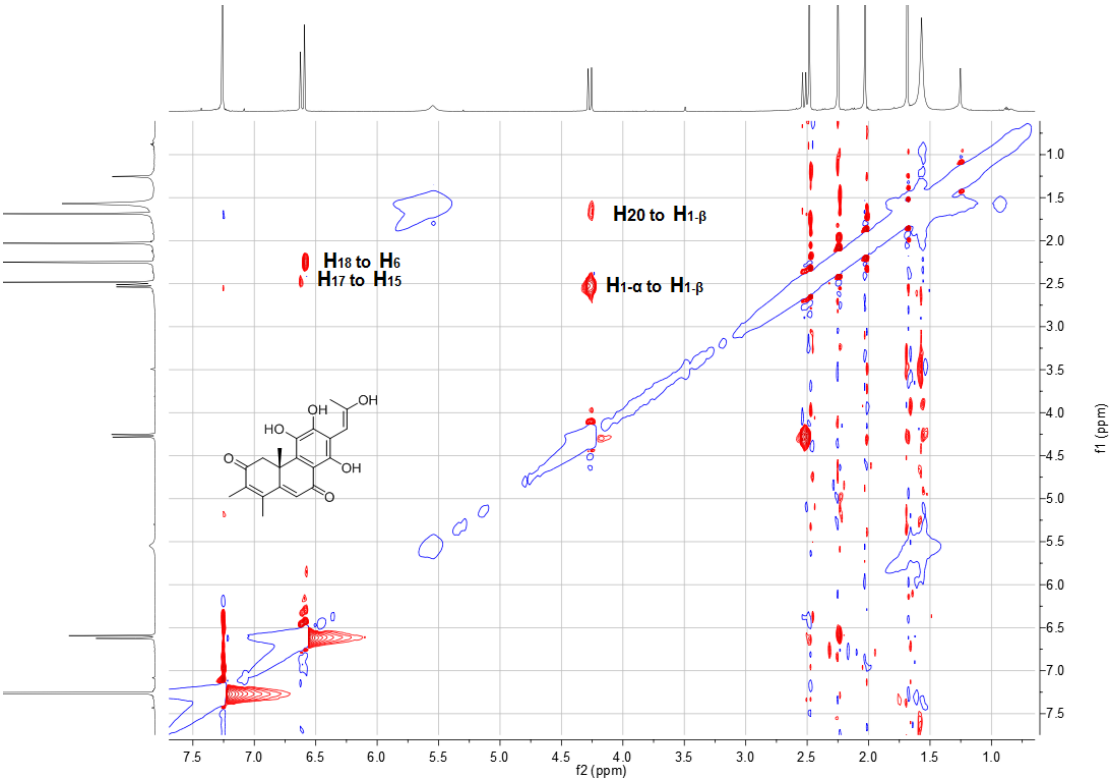


Figure S26: NOESY spectrum of **3** in $CDCl_3$.

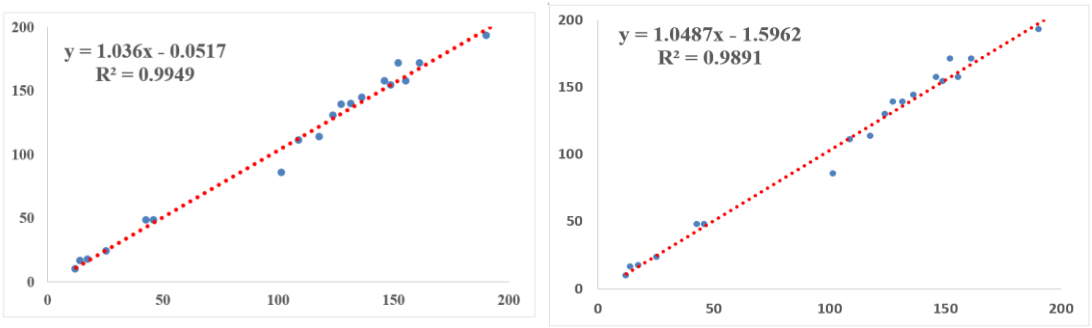


Figure S27: Linear correlation between the experimental ^{13}C NMR data for **3** and the calculated data for (*Z*)-Δ^{15} (left) and (*E*)-Δ^{15} (right) isomers, respectively.

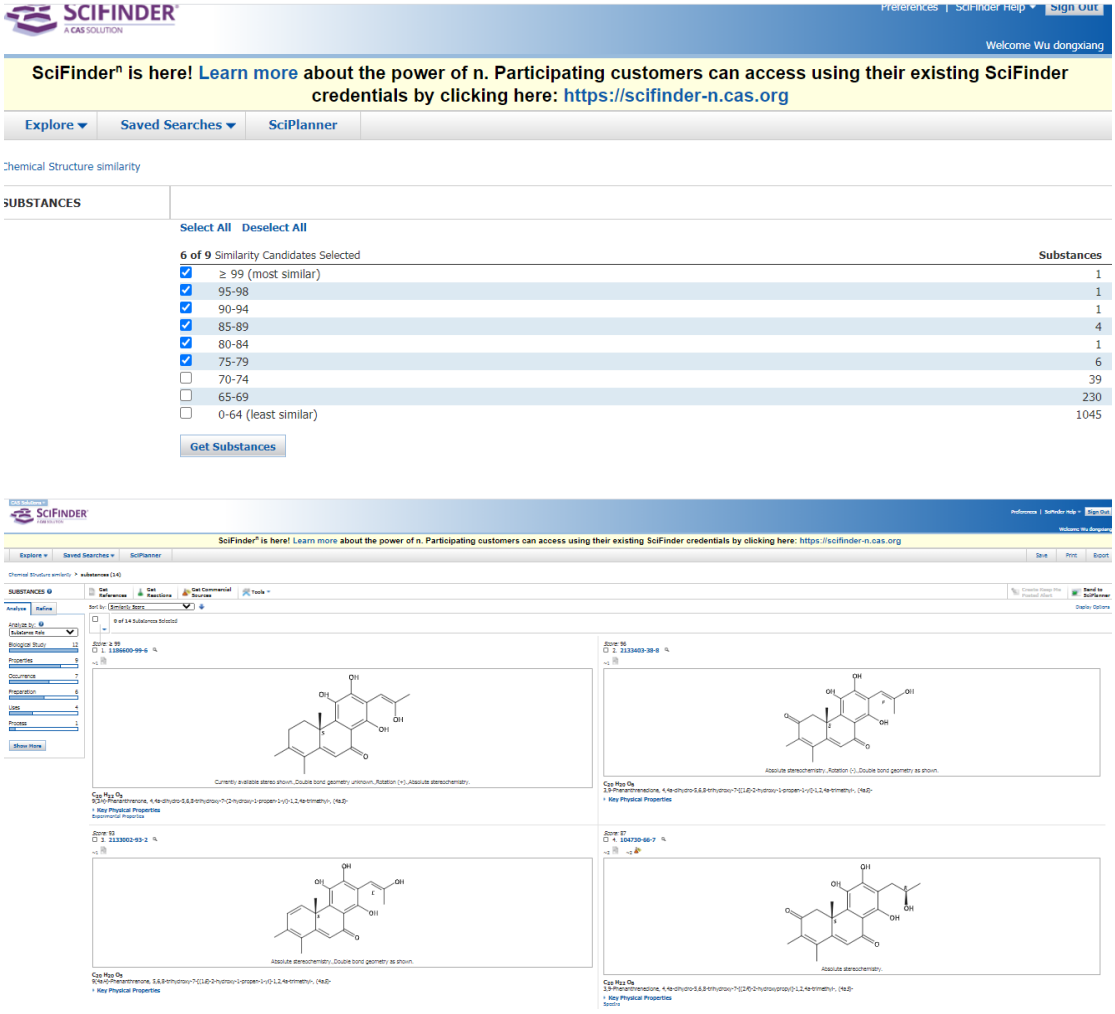


Figure S28: SciFinder search report for compound **1**.

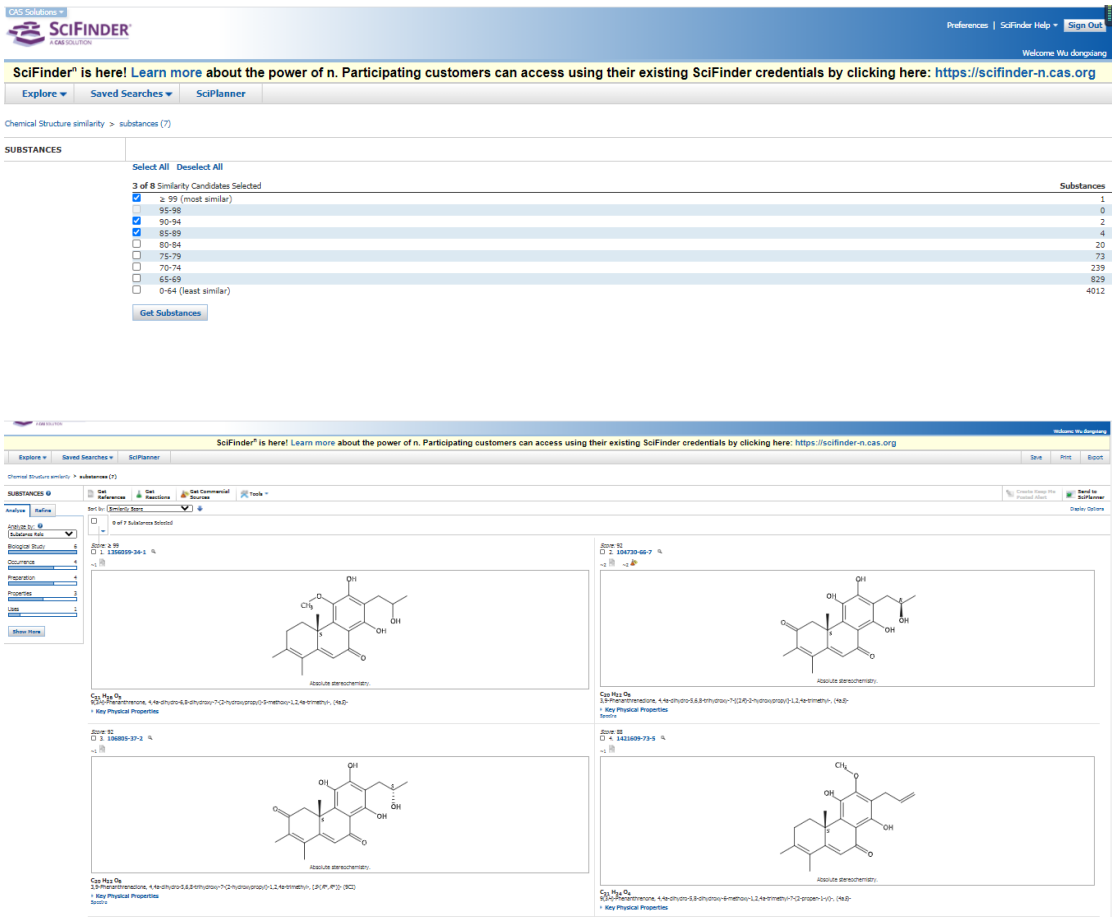


Figure S29: SciFinder search report for compound **2**.

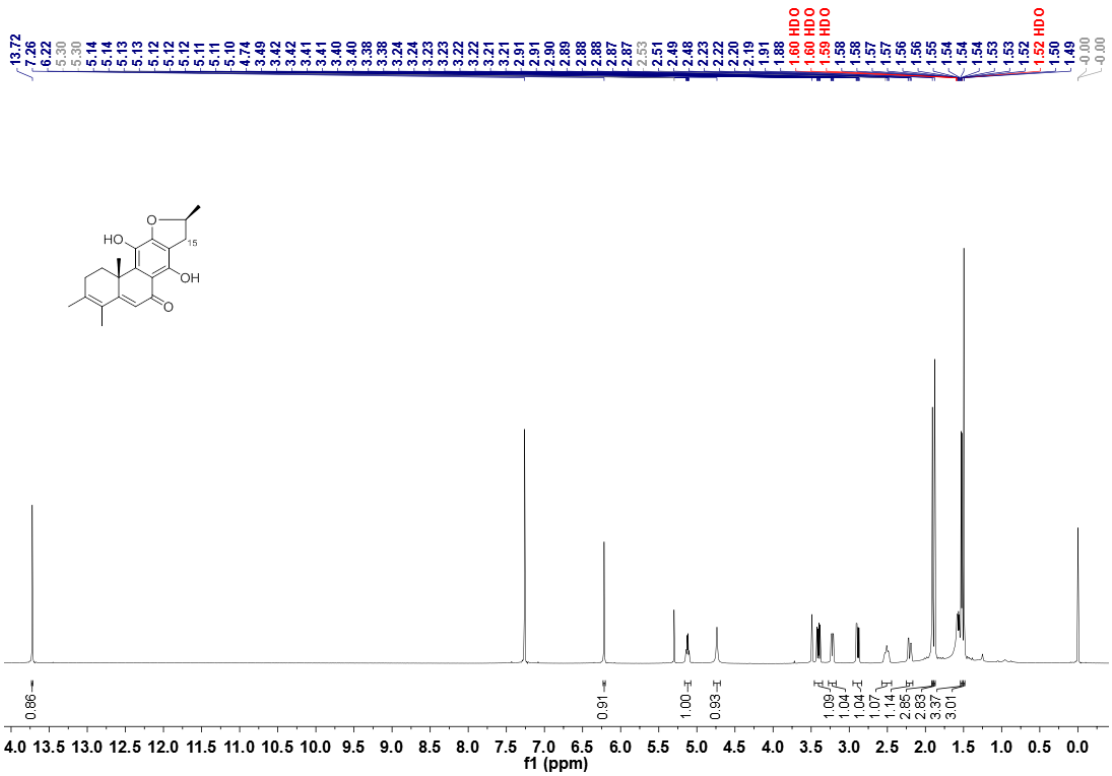


Figure S30: ^{1}H NMR spectrum of **4** in $CDCl_3$.

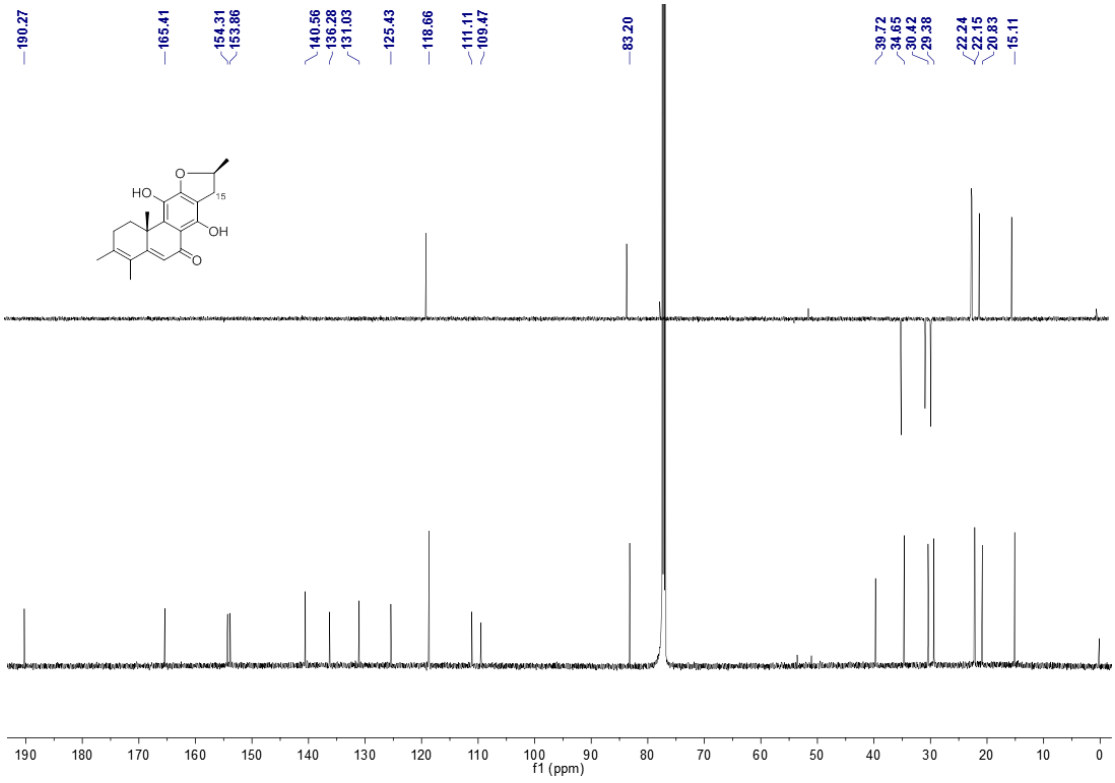


Figure S31: ^{13}C and DEPT NMR spectra of **4** in $CDCl_3$.

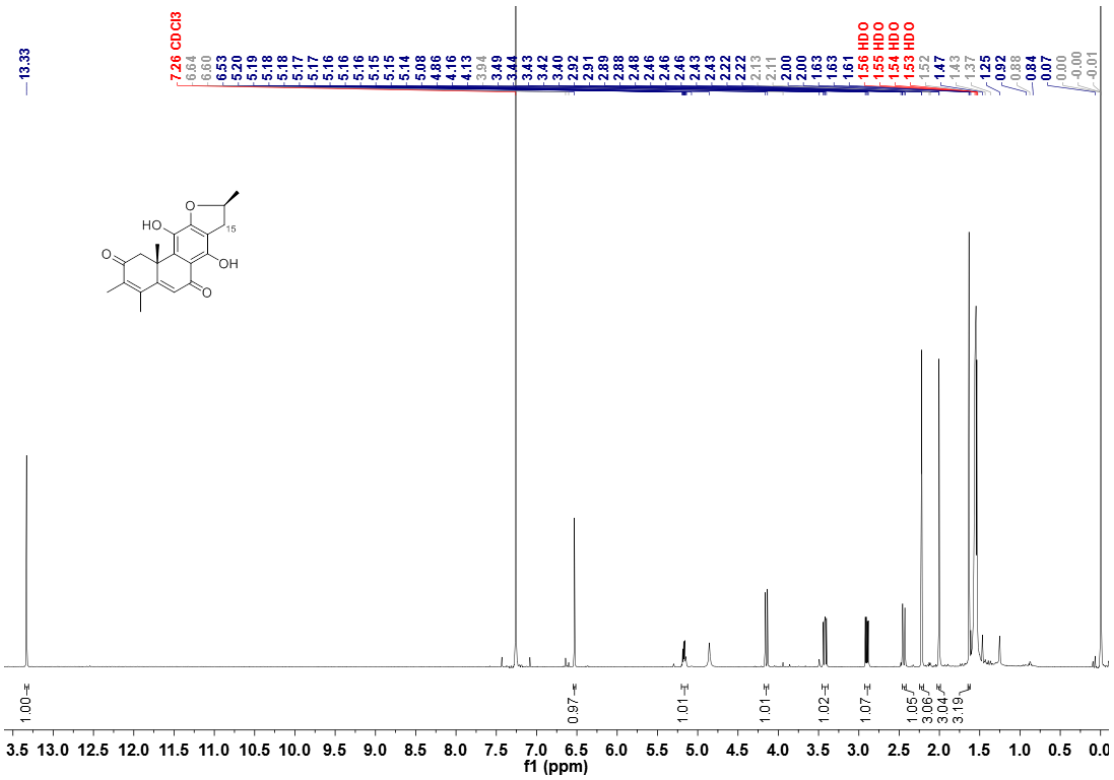


Figure S32: ^{1}H NMR spectrum of **5** in $CDCl_3$.

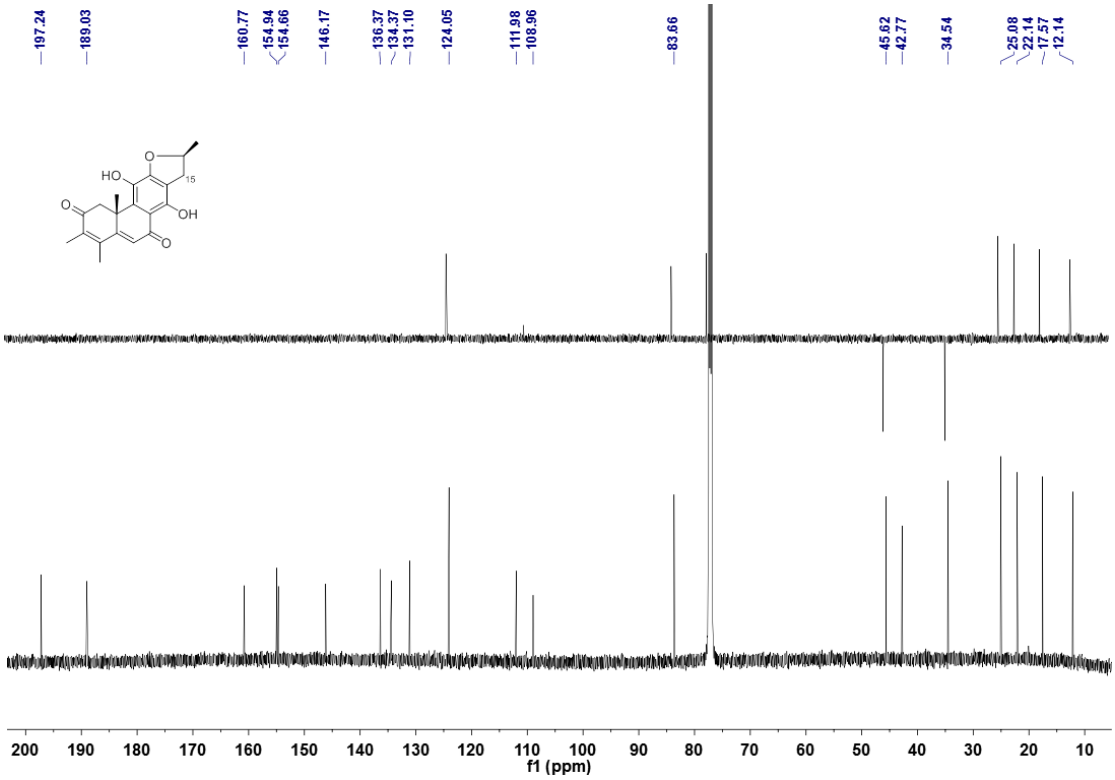


Figure S33: ^{13}C and DEPT NMR spectra of **5** in $CDCl_3$.

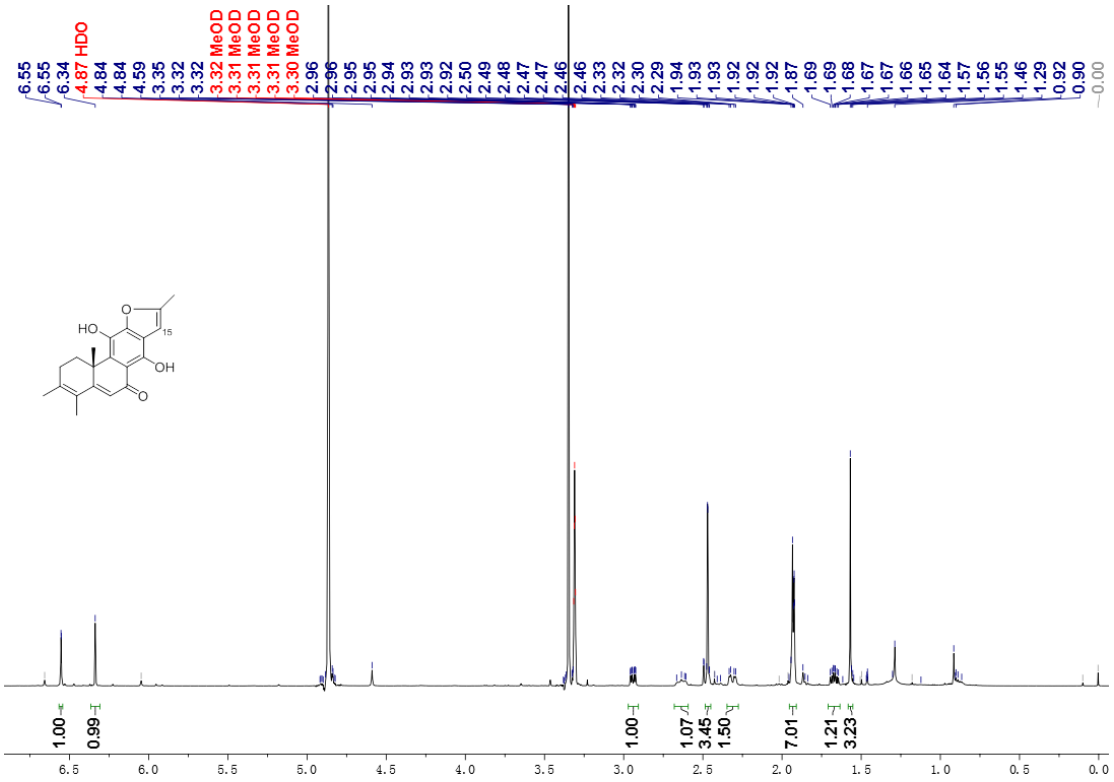


Figure S34: ^{1}H NMR spectrum of **6** in CD_3OD.

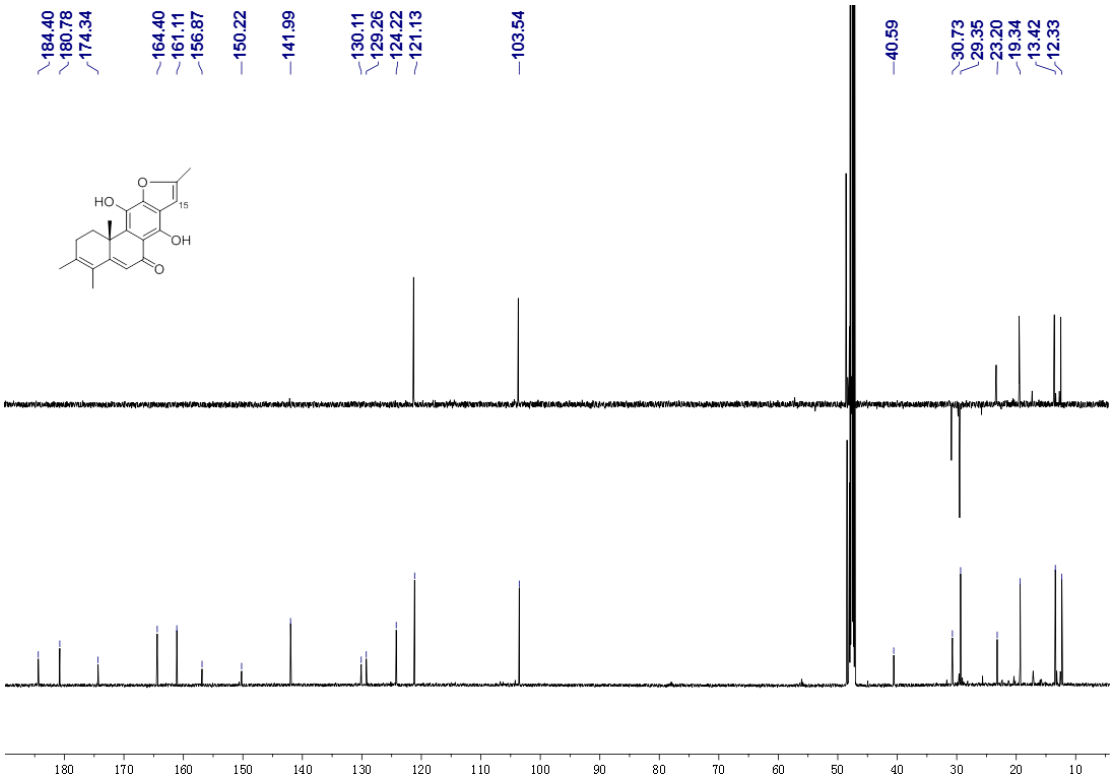


Figure S35: ^{13}C and DEPT NMR spectra of **6** in CD_3OD.

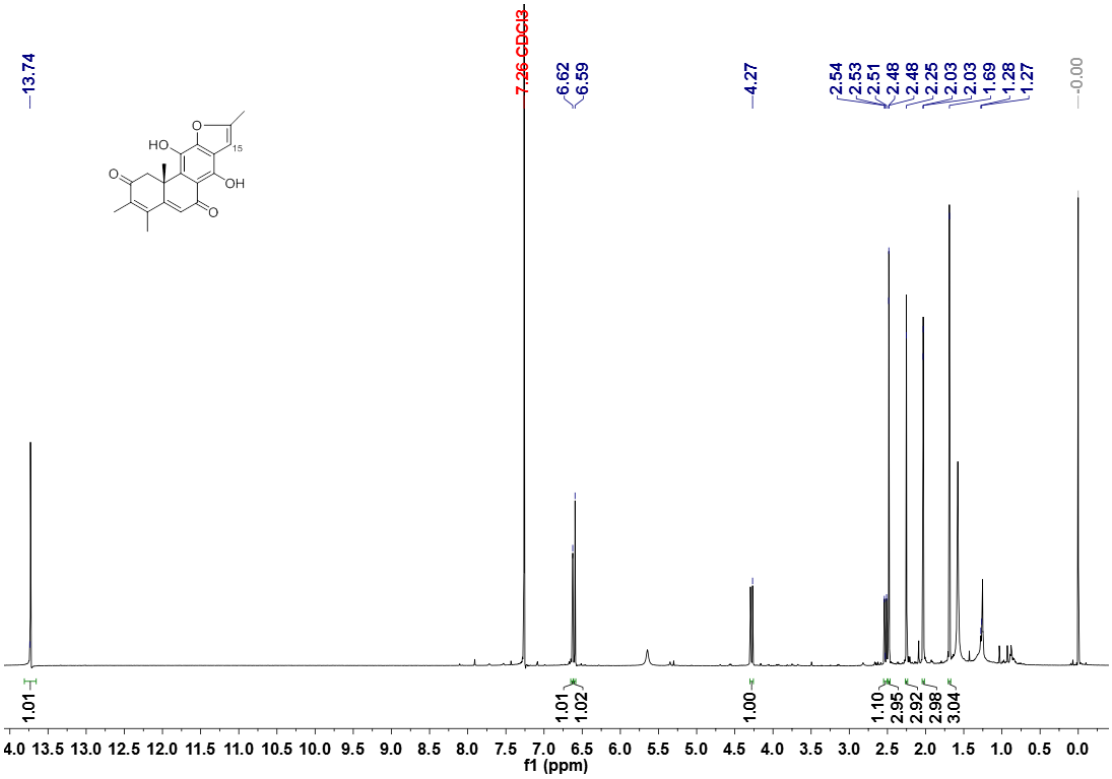


Figure S36: ^{1}H NMR spectrum of **7** in $CDCl_3$.

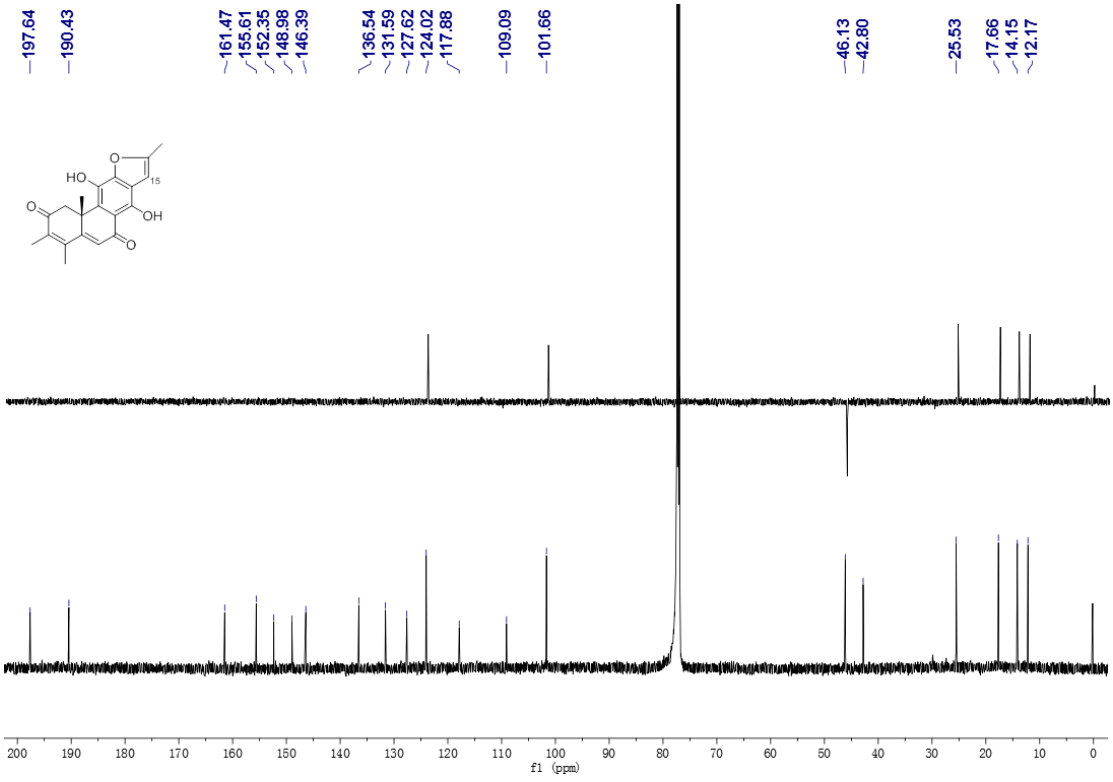


Figure S37: ^{13}C and DEPT NMR spectra of **7** in $CDCl_3$.

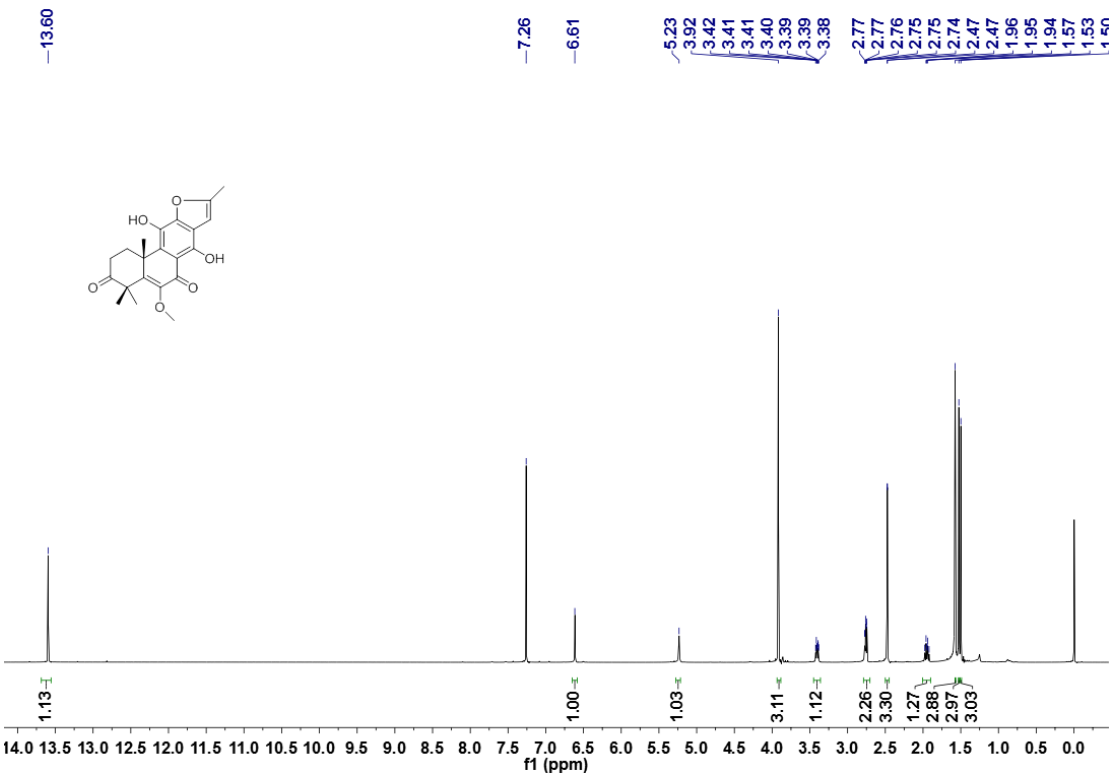


Figure S38: ^{1}H NMR spectrum of **8** in $CDCl_3$.

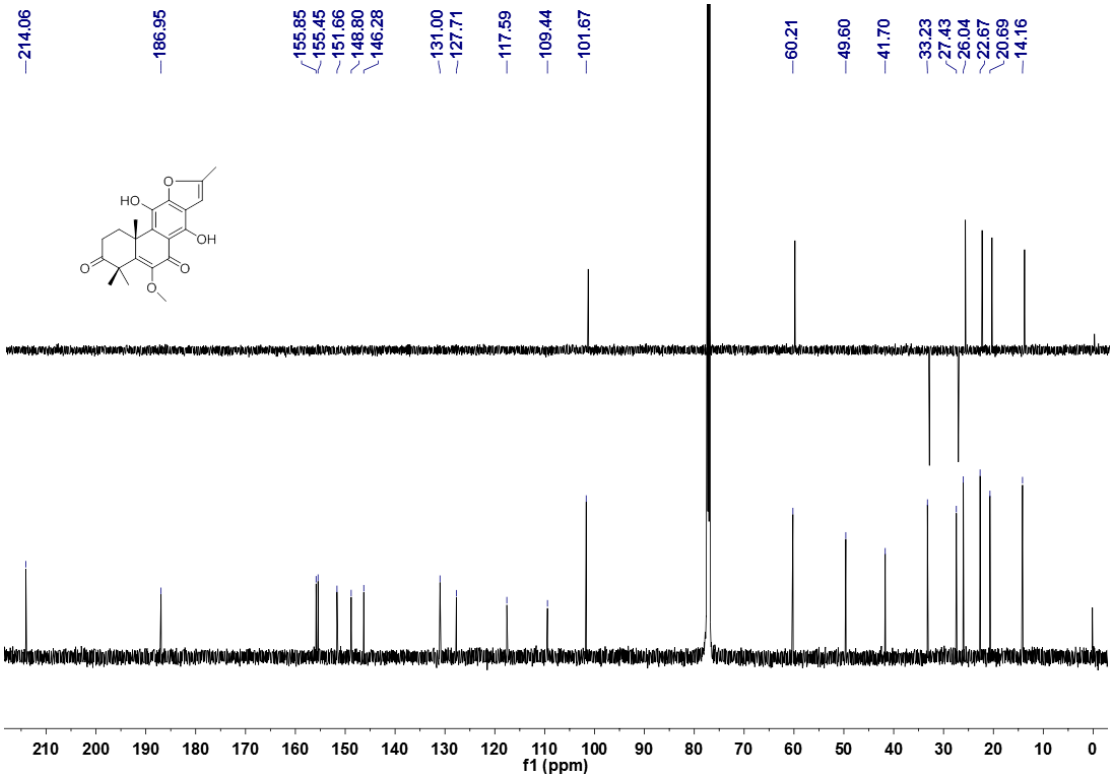


Figure S39: ^{13}C and DEPT NMR spectra of **8** in $CDCl_3$.

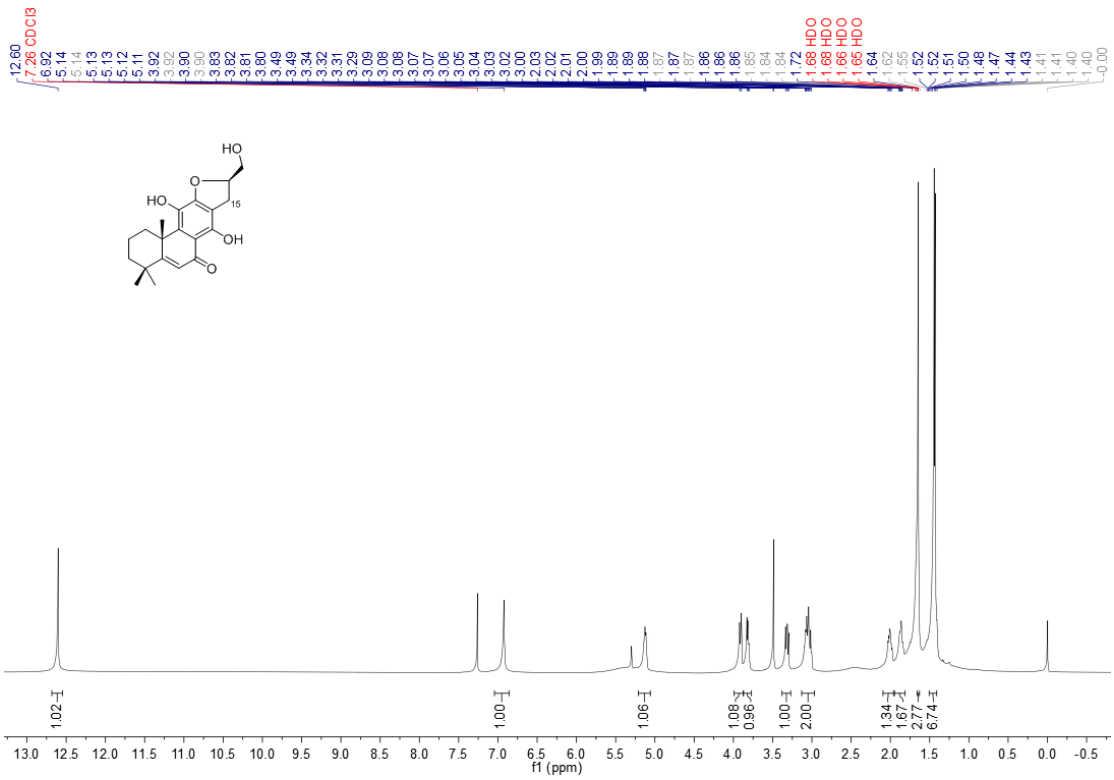


Figure S40: ^{1}H NMR spectrum of **9** in $CDCl_3$.

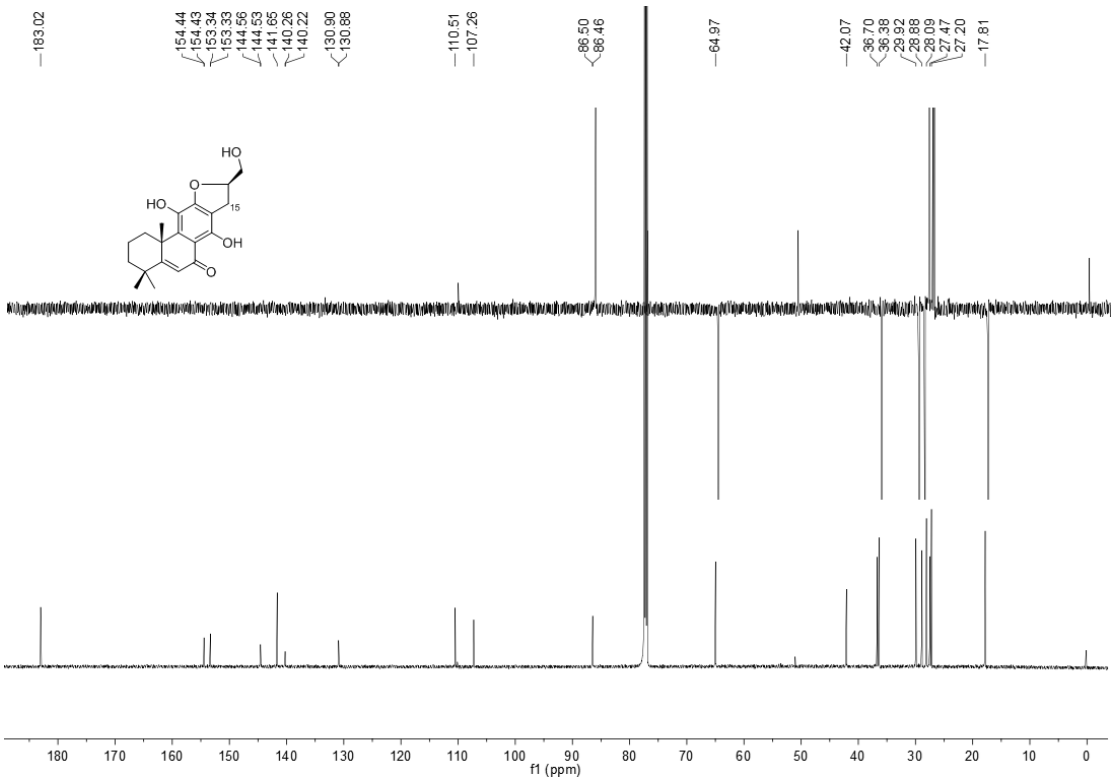


Figure S41: ^{13}C and DEPT NMR spectra of **9** in $CDCl_3$.

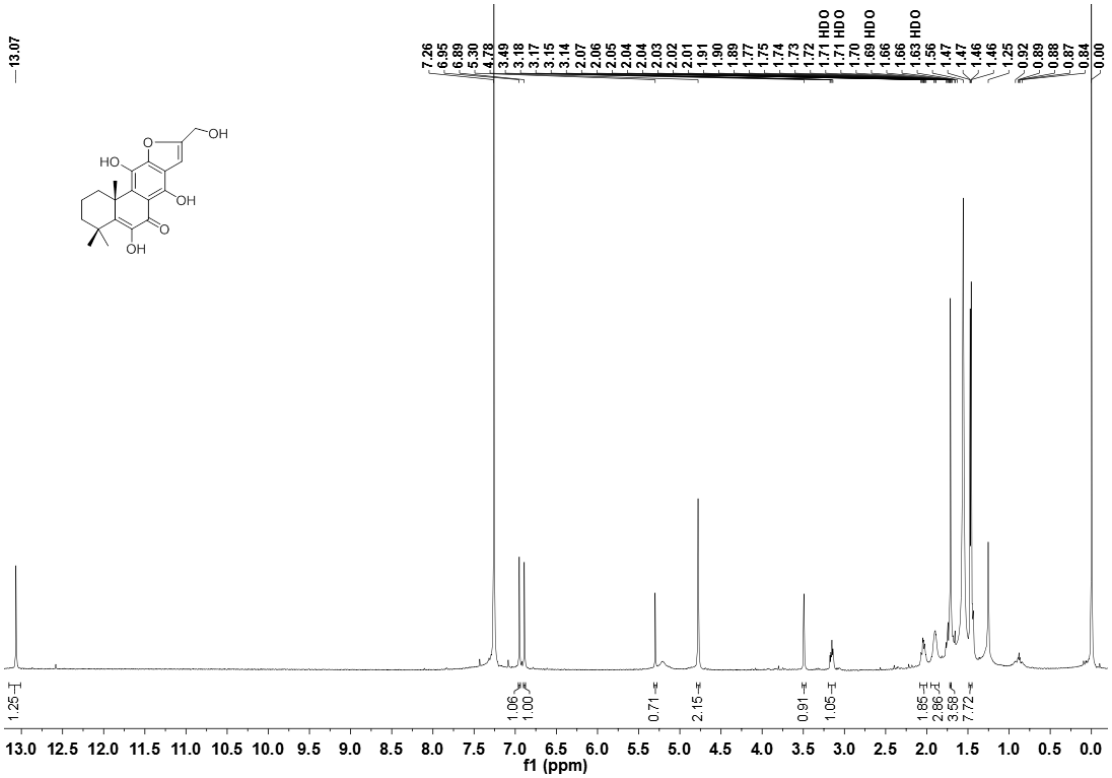


Figure S42: ^{1}H NMR spectrum of **10** in $CDCl_3$.

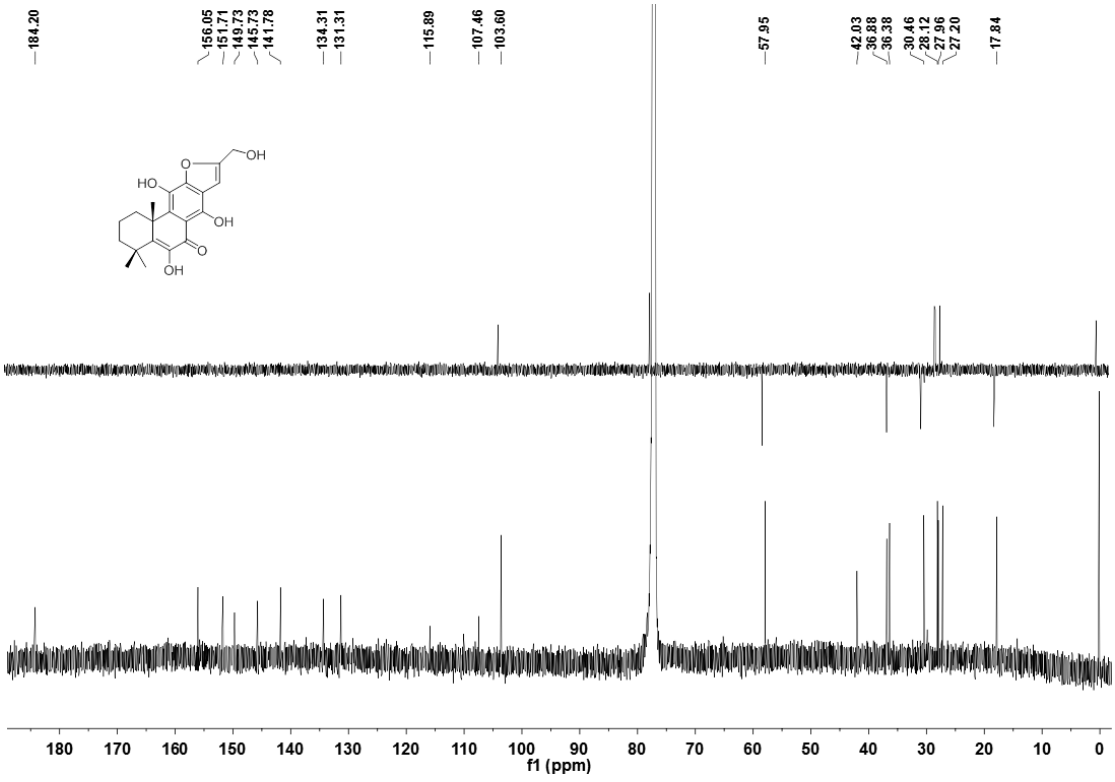


Figure S43: ^{13}C and DEPT NMR spectra of **10** in $CDCl_3$.

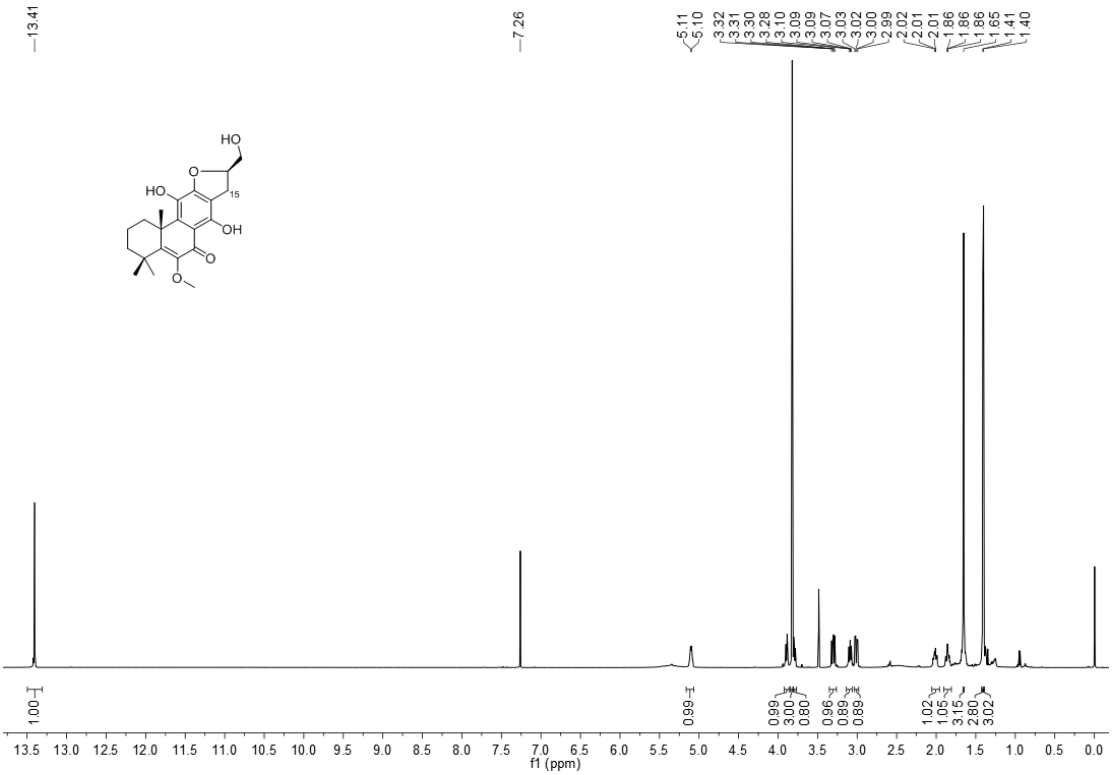


Figure S44: ^{1}H NMR spectrum of **11** in $CDCl_3$.

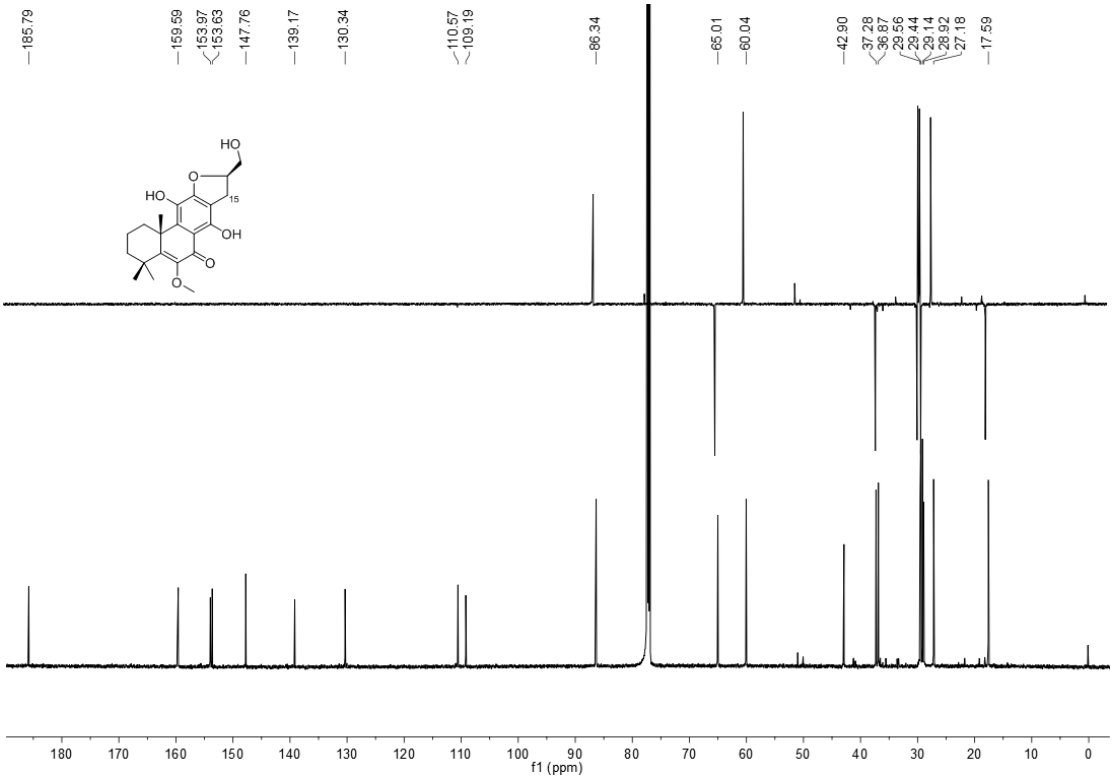


Figure S45: ^{13}C and DEPT NMR spectra of **11** in $CDCl_3$.

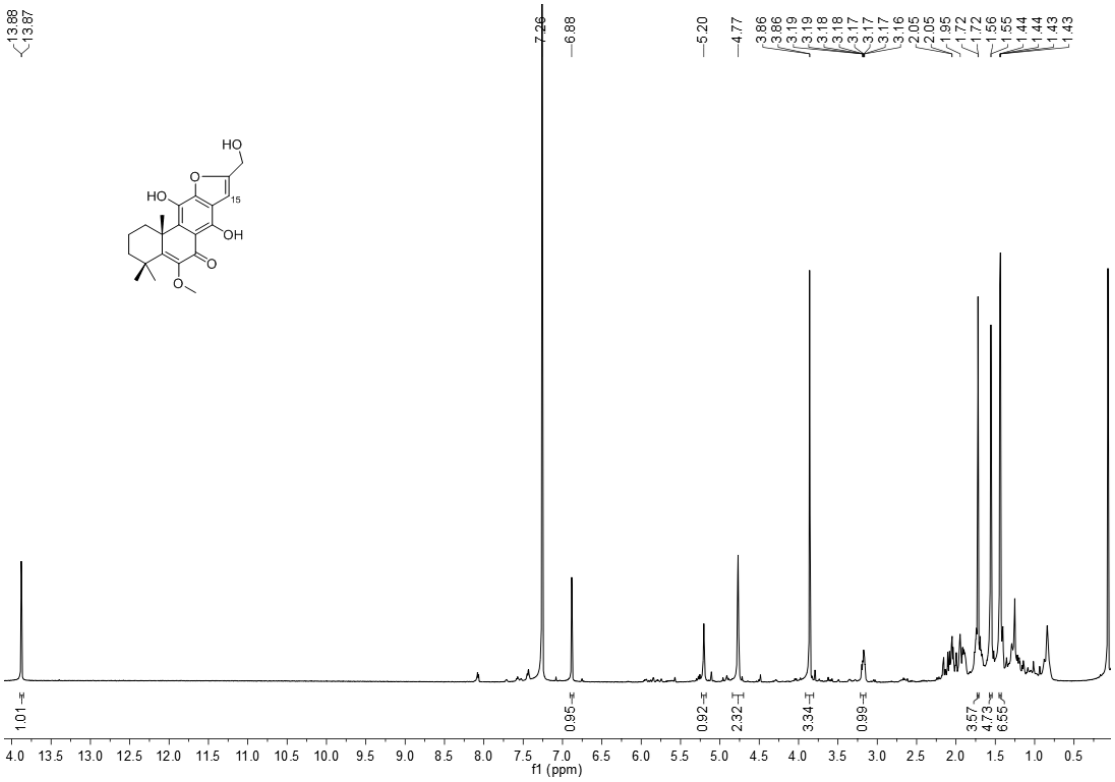


Figure S46: ^{1}H NMR spectrum of 1**2** in $CDCl_3$.

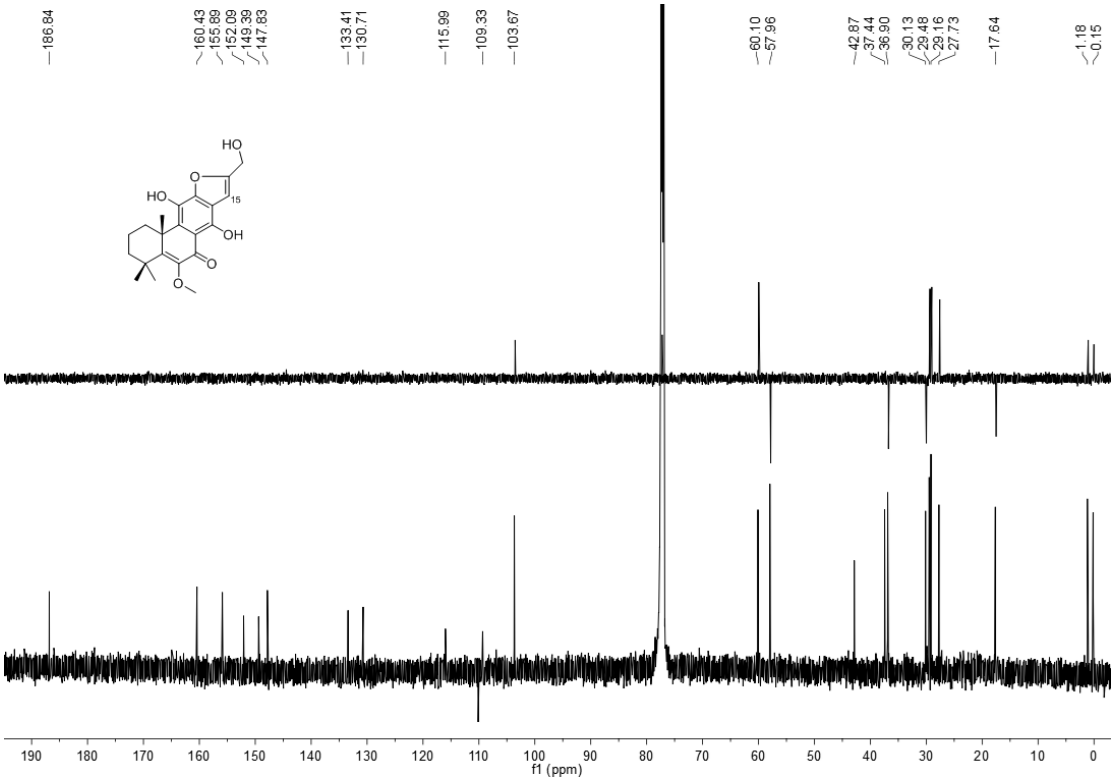


Figure S47: ^{13}C and DEPT NMR spectra of 1**2** in $CDCl_3$

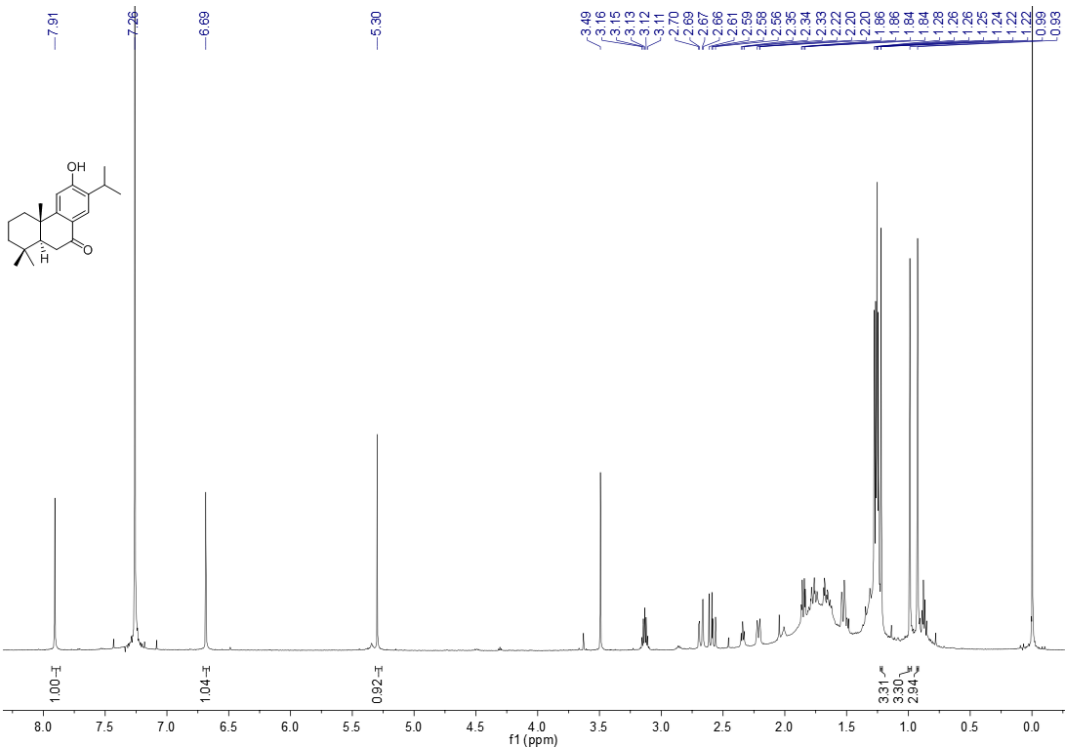


Figure S48: ^{1}H NMR spectrum of **13** in $CDCl_3$.

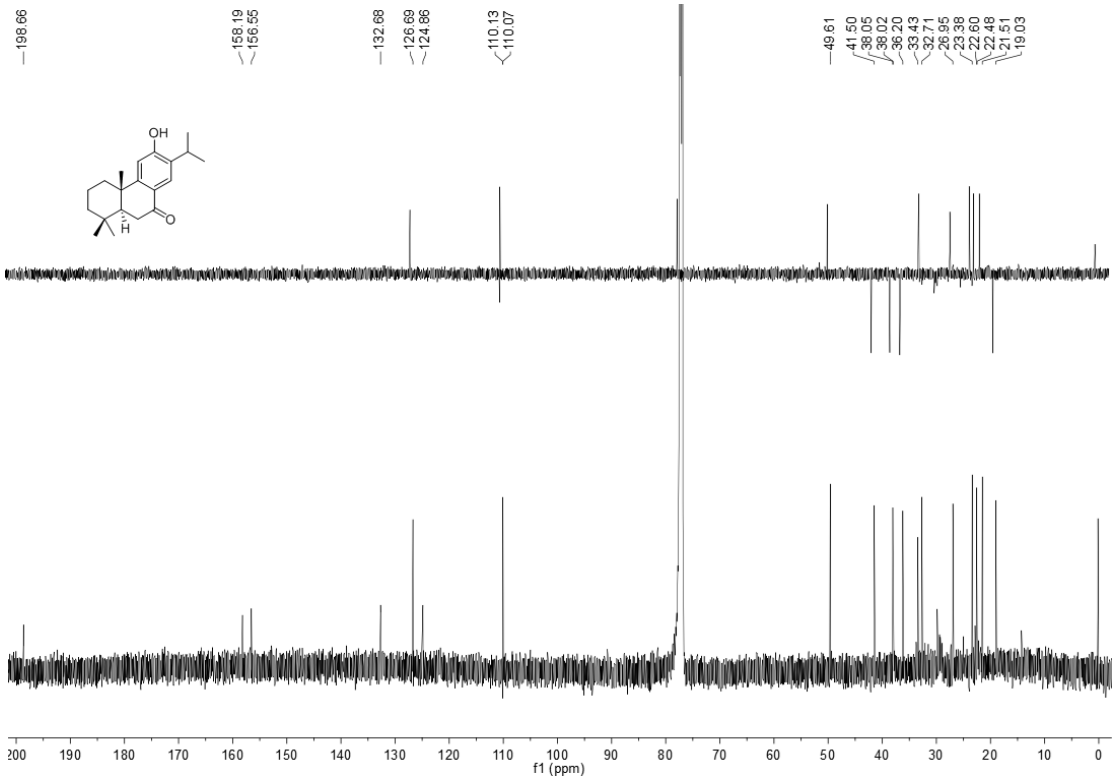


Figure S49: ^{13}C and DEPT NMR spectra of **13** in $CDCl_3$.