SUPPORTING INFORMATION

The Oxidation of Phytocannabinoids to Cannabinoquinoids

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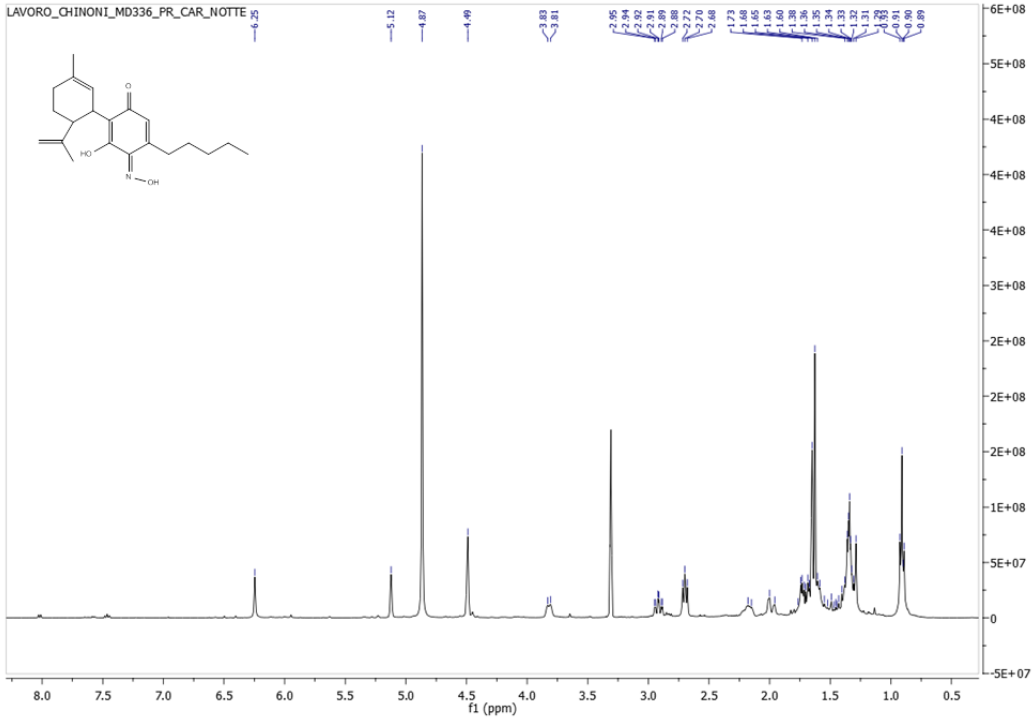

Figure S1. ^{1}H NMR spectrum (400 MHz) of compound **11** in CD_3OD

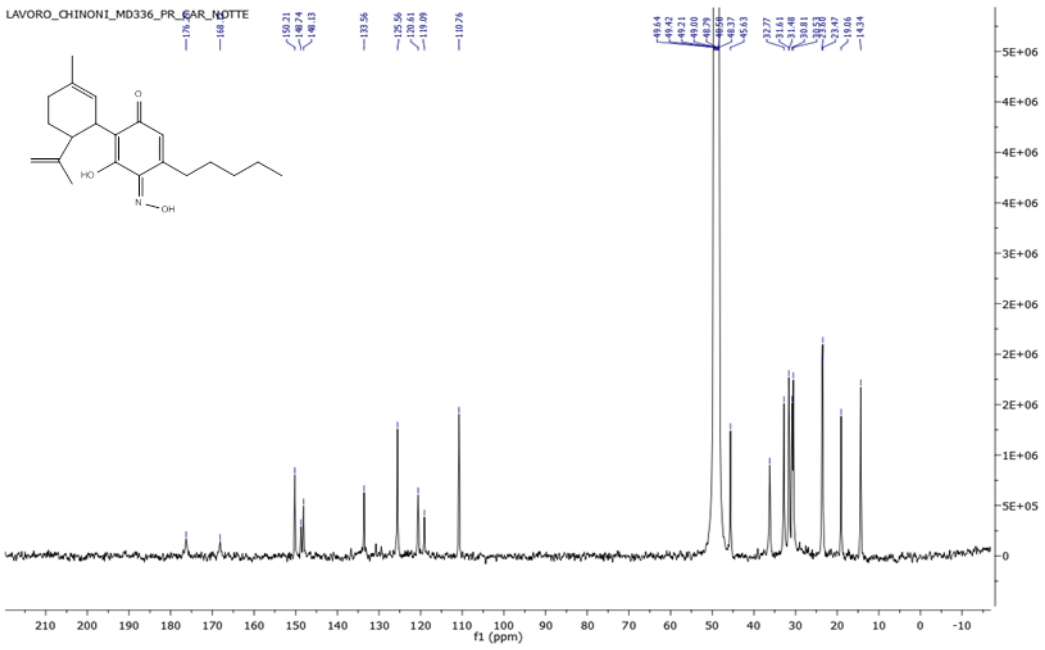

Figure S2. ^{13}C NMR spectrum (100 MHz) of compound **11** in CD_3OD

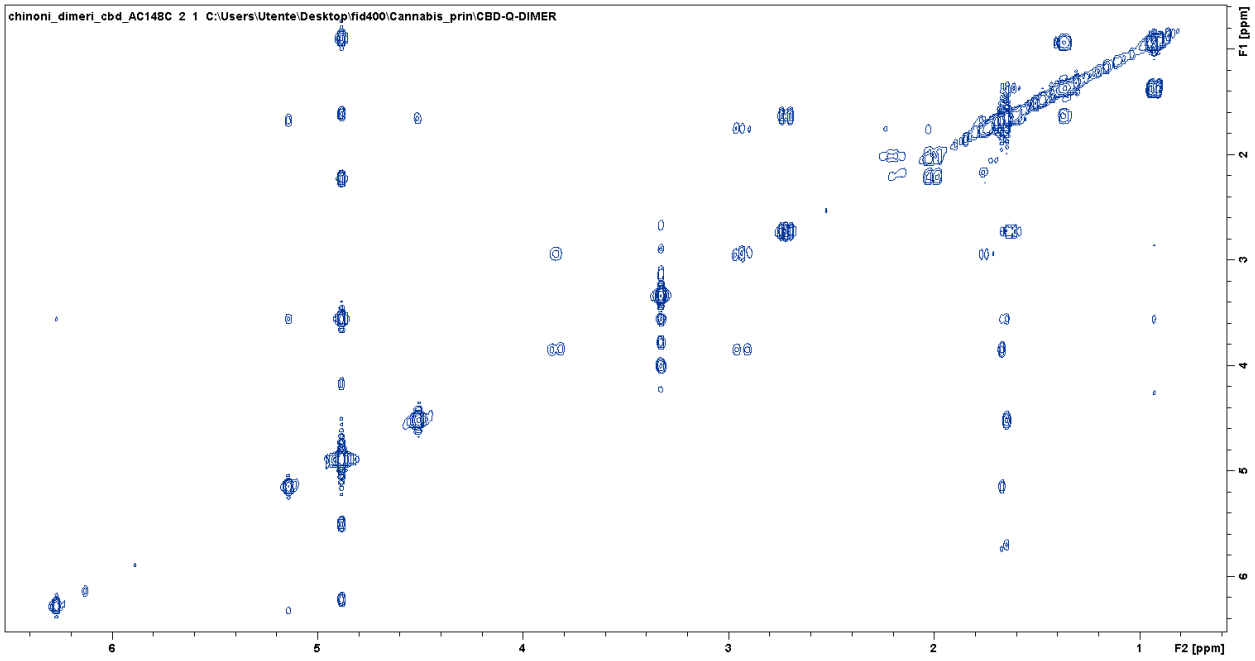

Figure S3. ^{1}H-^{1}H COSY spectrum of compound **11**

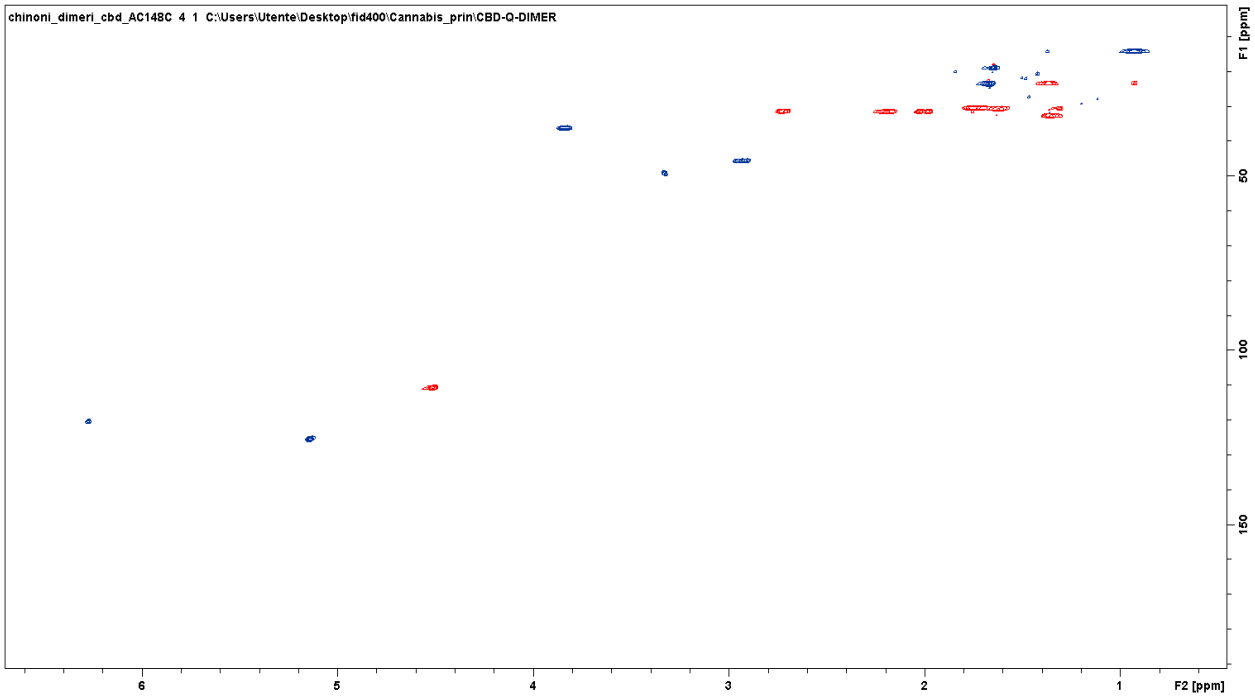

Figure S4. 2D NMR HSQC spectrum of compound **11**

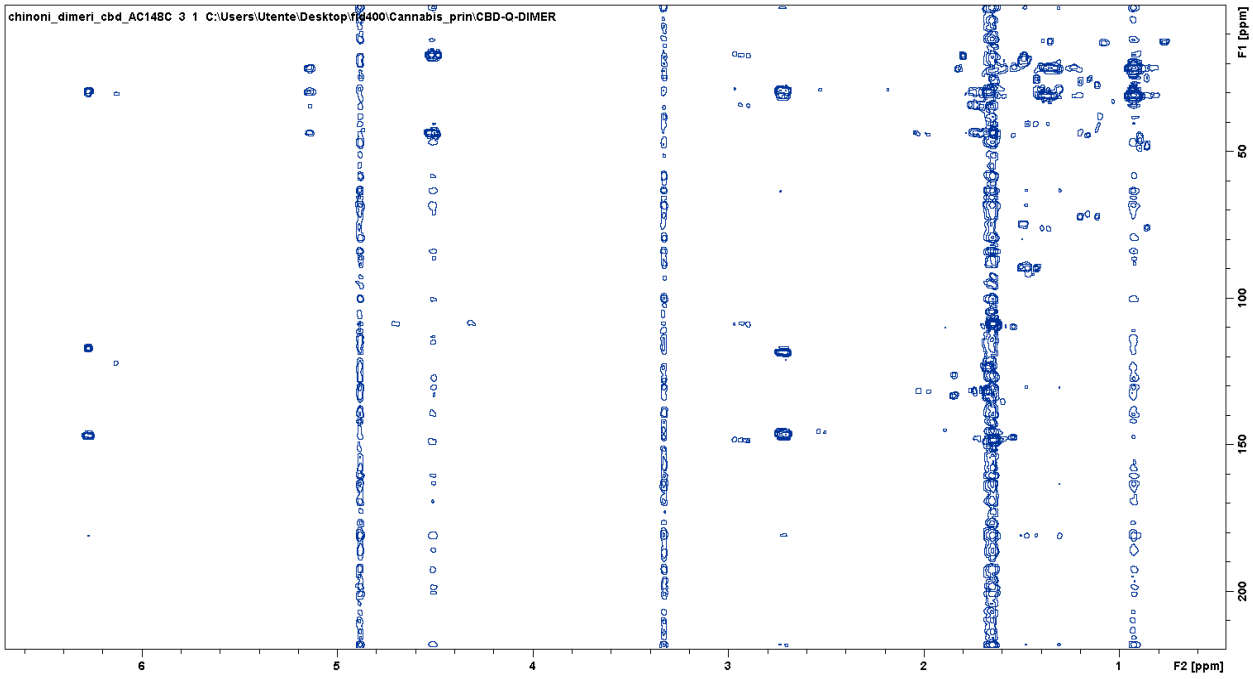

Figure S5. 2D NMR HMBC spectrum of compound **11**

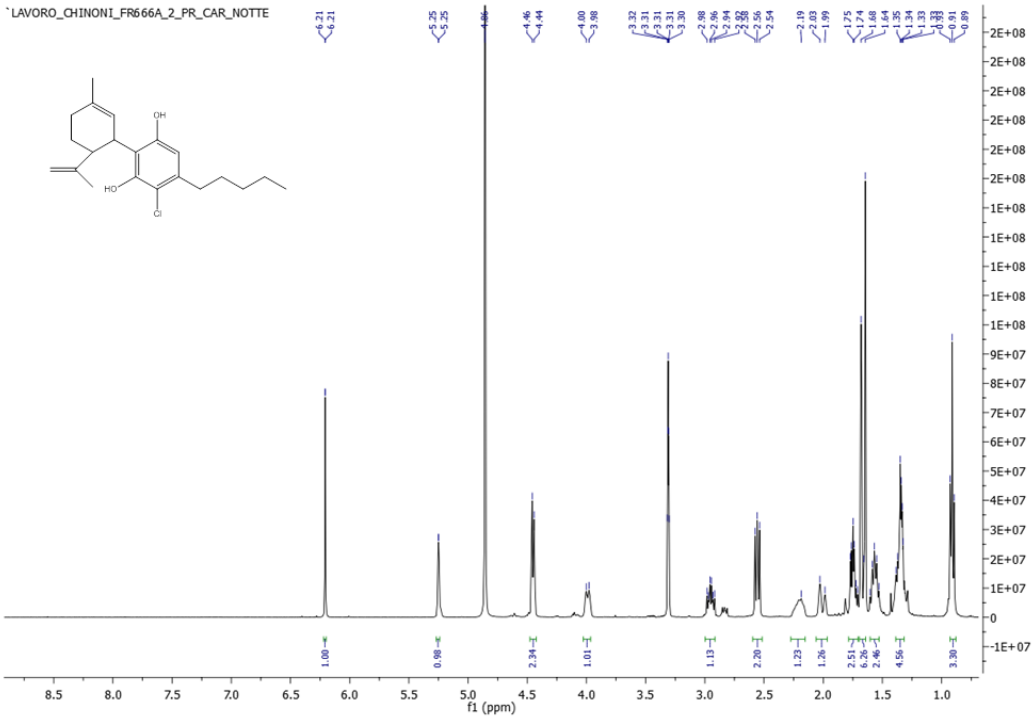

Figure S6. ^{1}H NMR spectrum (400 MHz) of compound **12** in CD_3OD

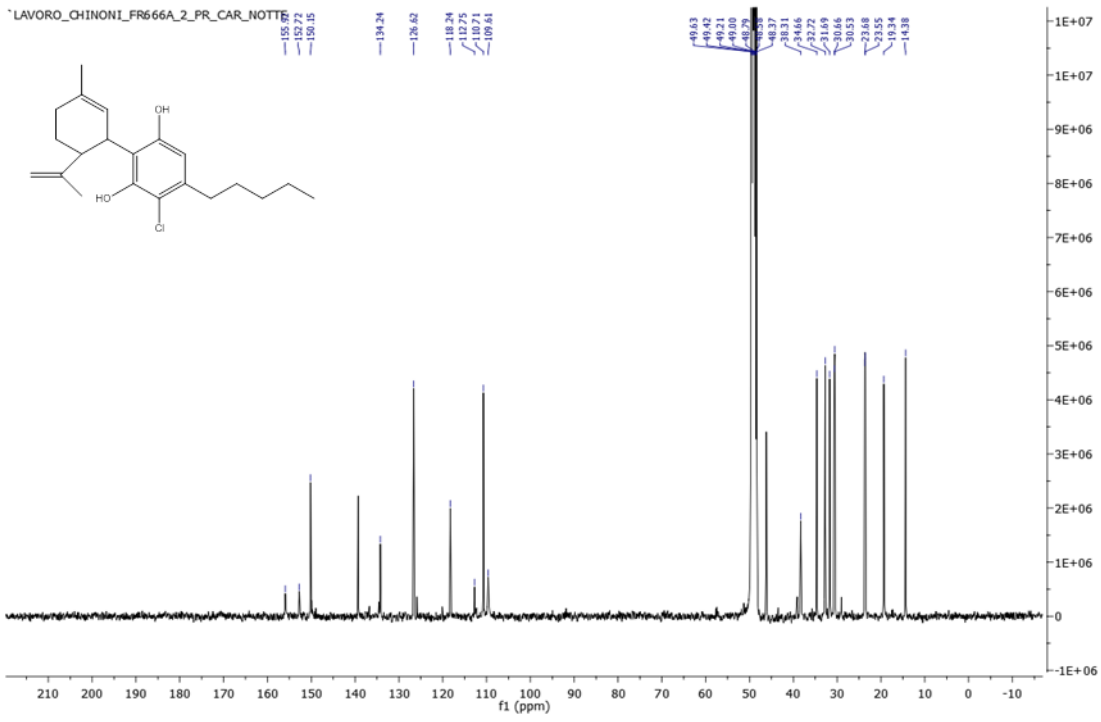

Figure S7. ^{13}C NMR spectrum of compound **12** in CD_3OD

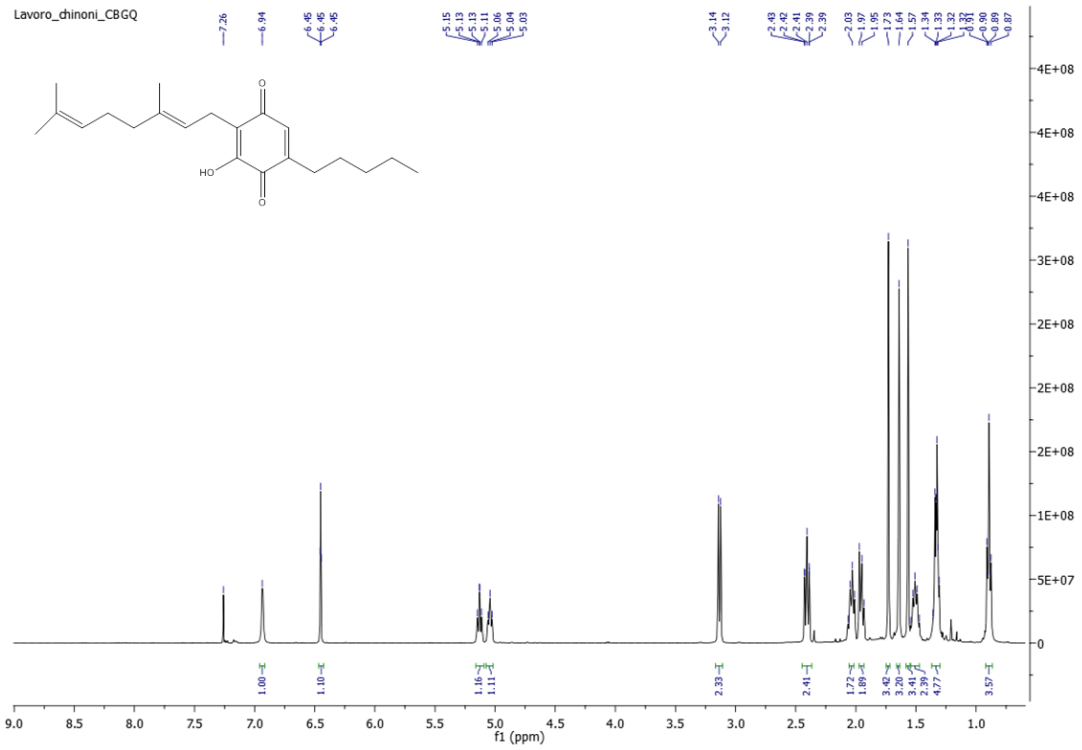

Figure S8. ^{1}H NMR spectrum (500 MHz) of compound **20** in $CDCl_3$

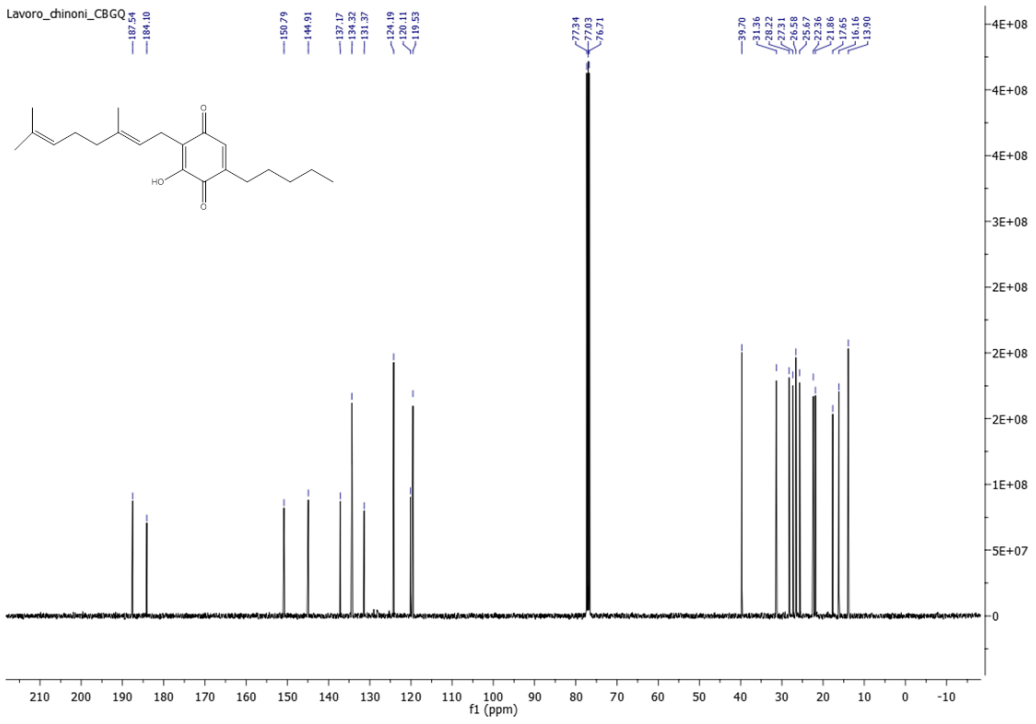

Figure S9. ^{13}C NMR spectrum of compound **20** in $CDCl_3$

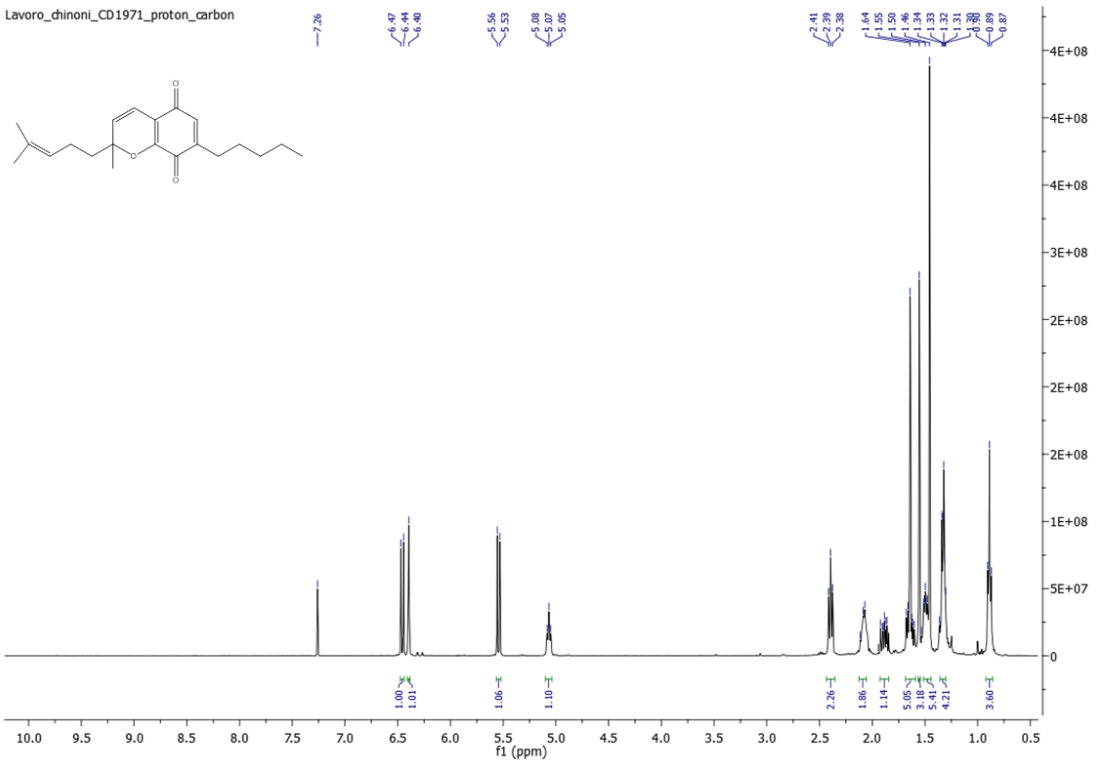

Figure S10. ^{1}H NMR spectrum (400 MHz) of compound **21** in $CDCl_3$

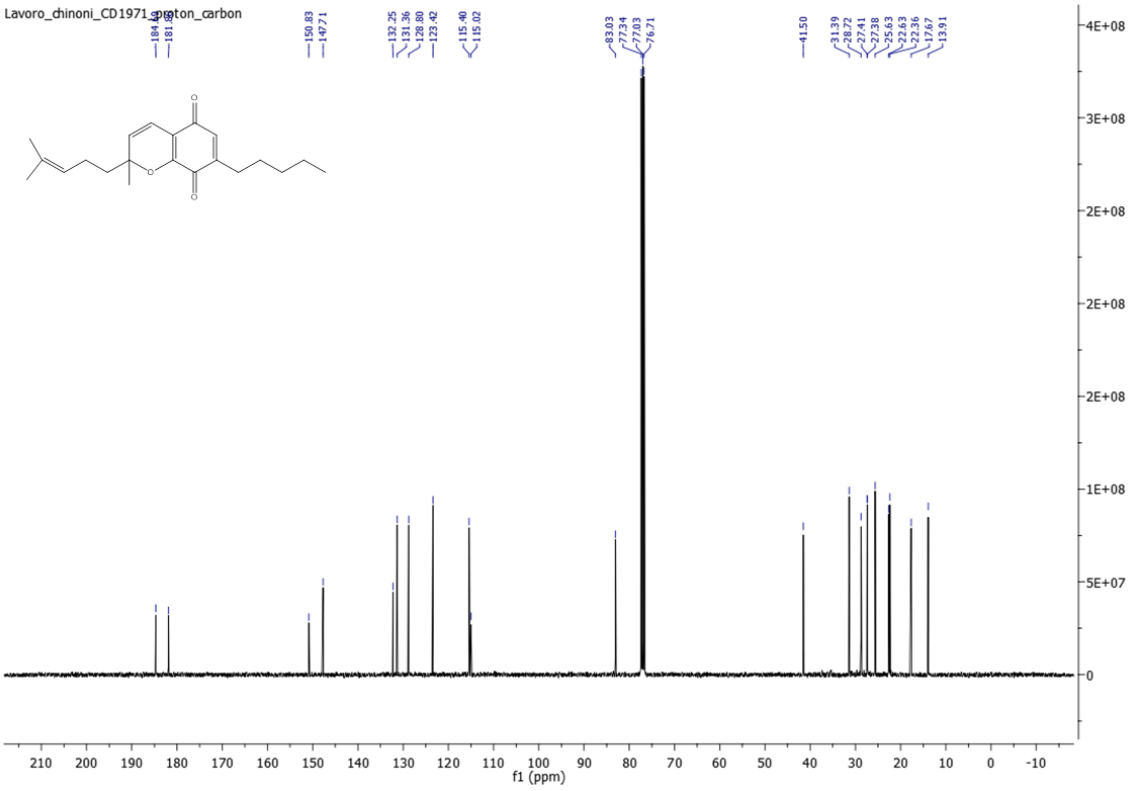

Figure S11. ^{13}C NMR spectrum of compound **21** in $CDCl_3$

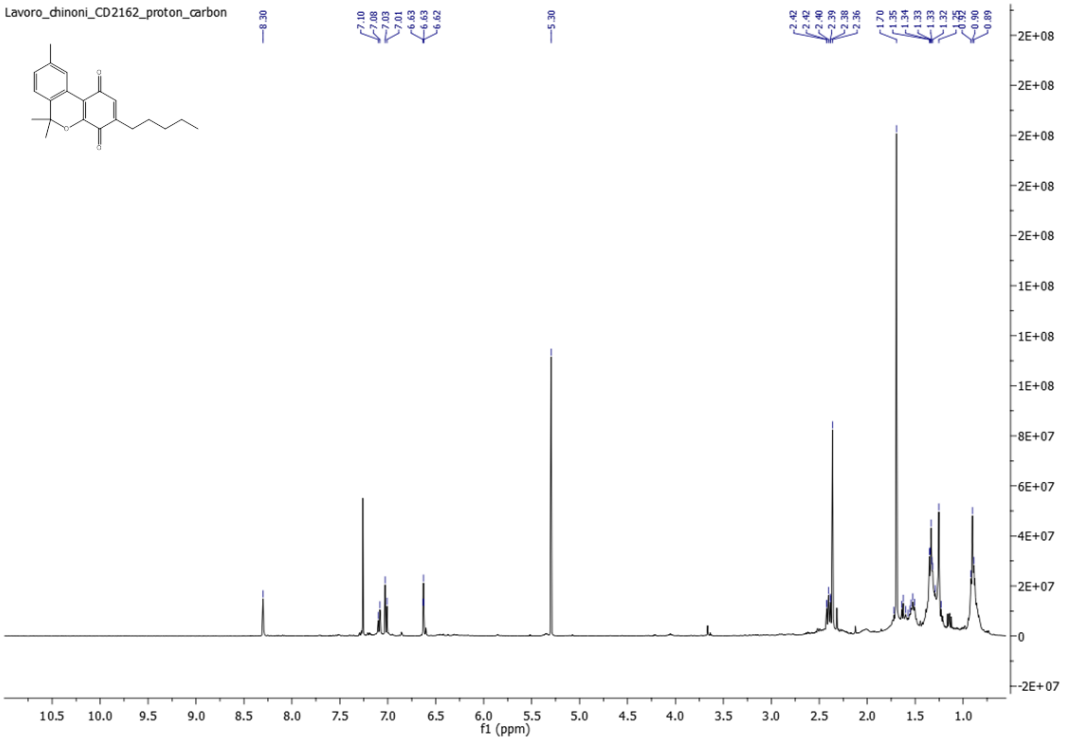

Figure S12. ^{1}H NMR spectrum (400 MHz) of compound **22** in $CDCl_3$

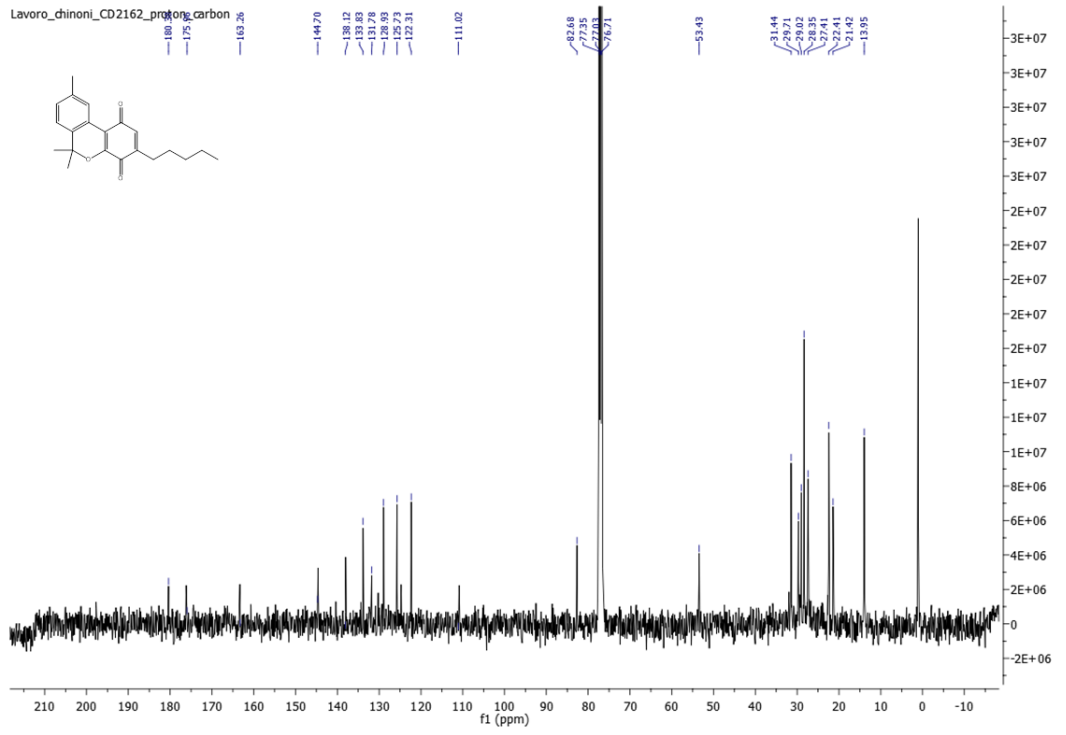

Figure S13. ^{13}C NMR spectrum of compound **22**

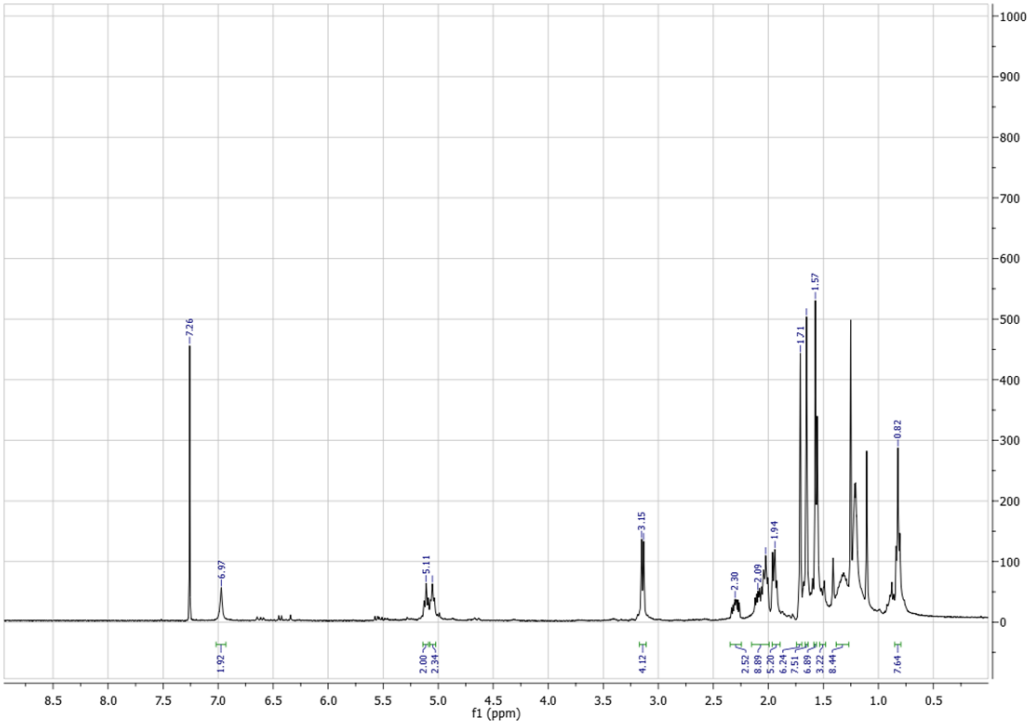

Figure S14. ^{1}H NMR spectrum (400 MHz) of compound **23** in $CDCl_3$

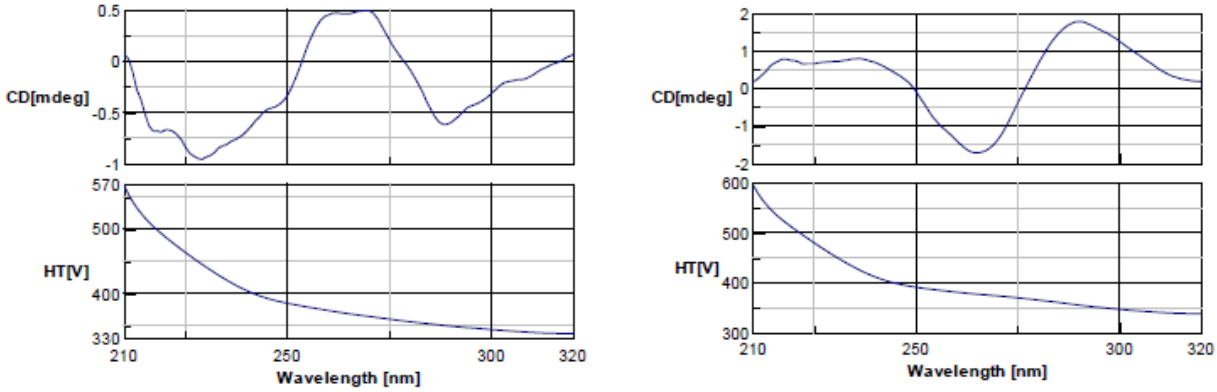

Figure S15. CD spectra of the two peaks obtained by chiral chromatography of compound **23**