**Supporting Information**

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# Inhibitory Effects of Metabolites Isolated from *Artemisia dracunculus* L. Against the Human Carbonic Anhydrase I (hCA I) and II (hCA II)

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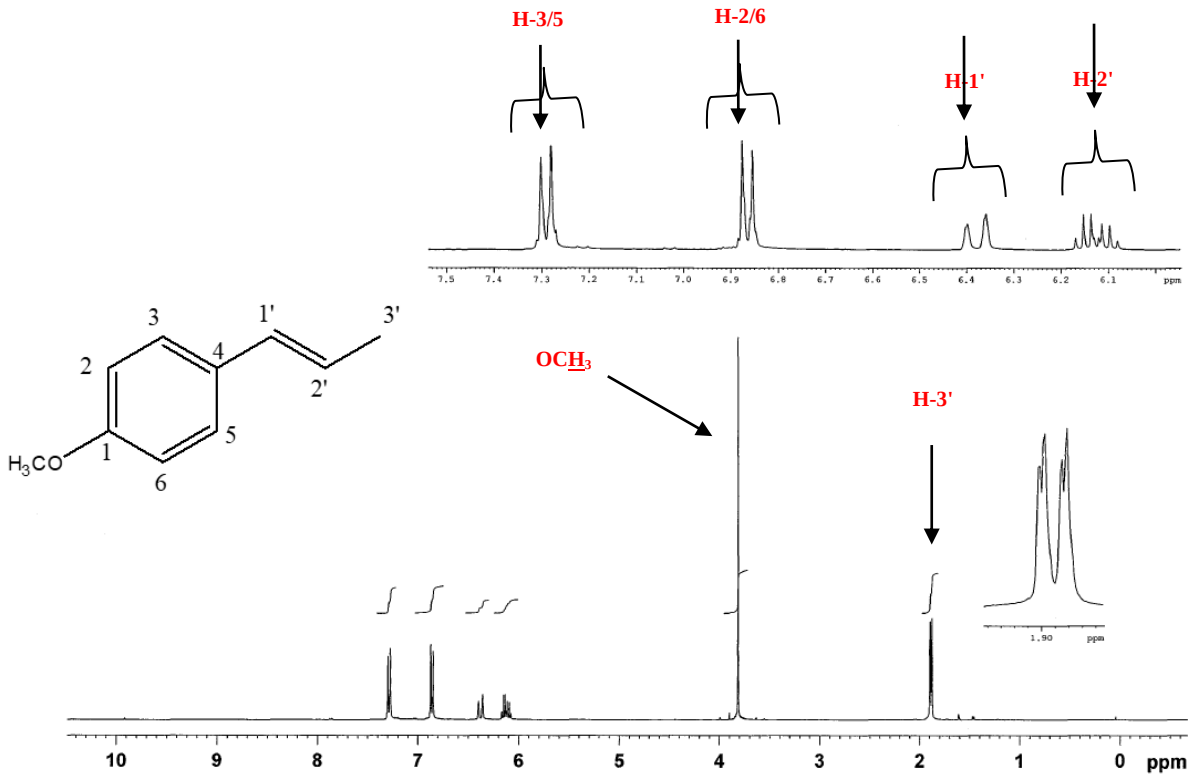


**Figure S1:** $^{1}$H-NMR (400 MHz, $CDCl_3$) Spectrum of Compound **1** (*trans*-Anethole)

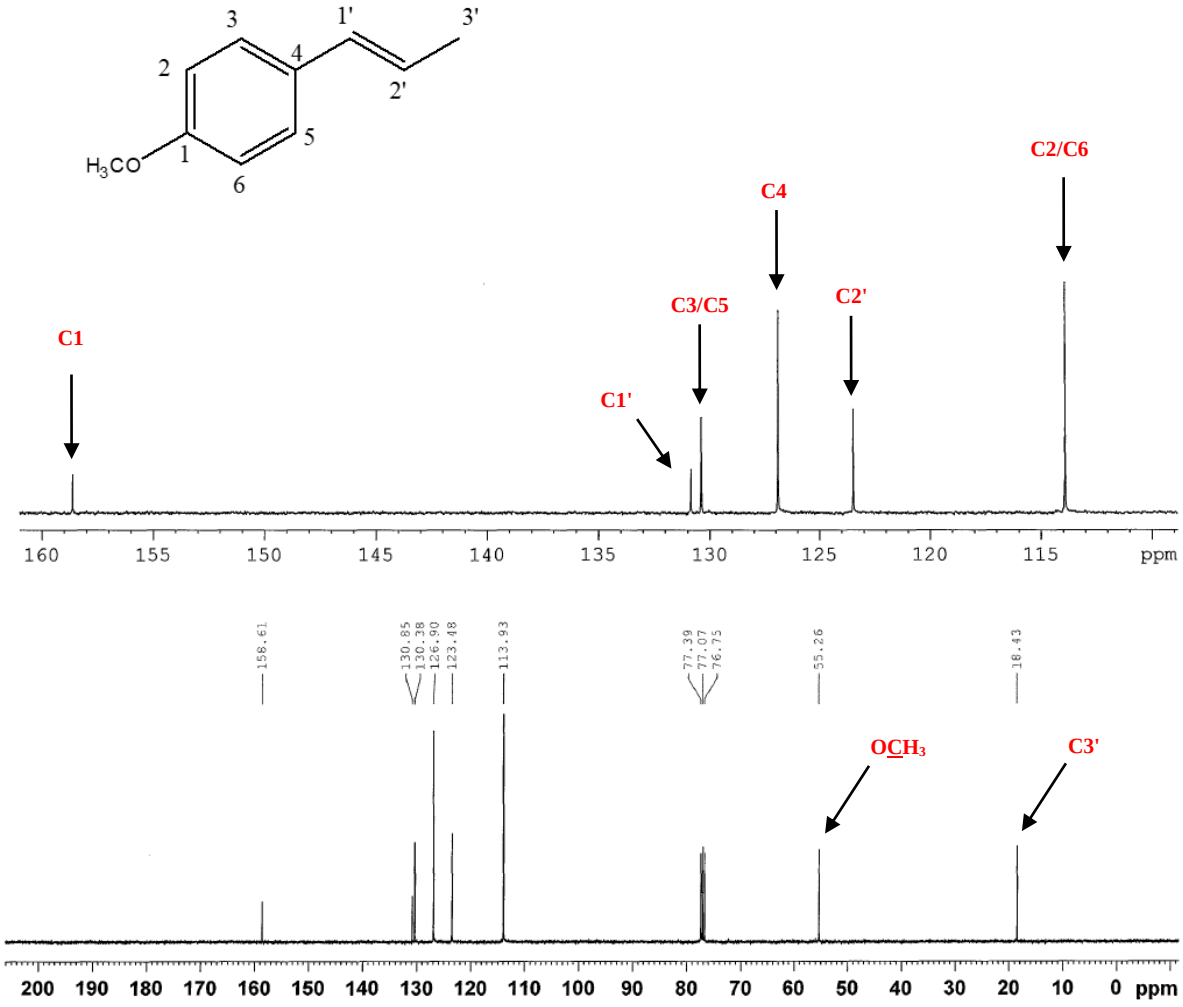


**Figure S2:** $^{13}$C-NMR (100 MHz, $CDCl_3$) Spectrum of Compound **1** (*trans*-Anethole)

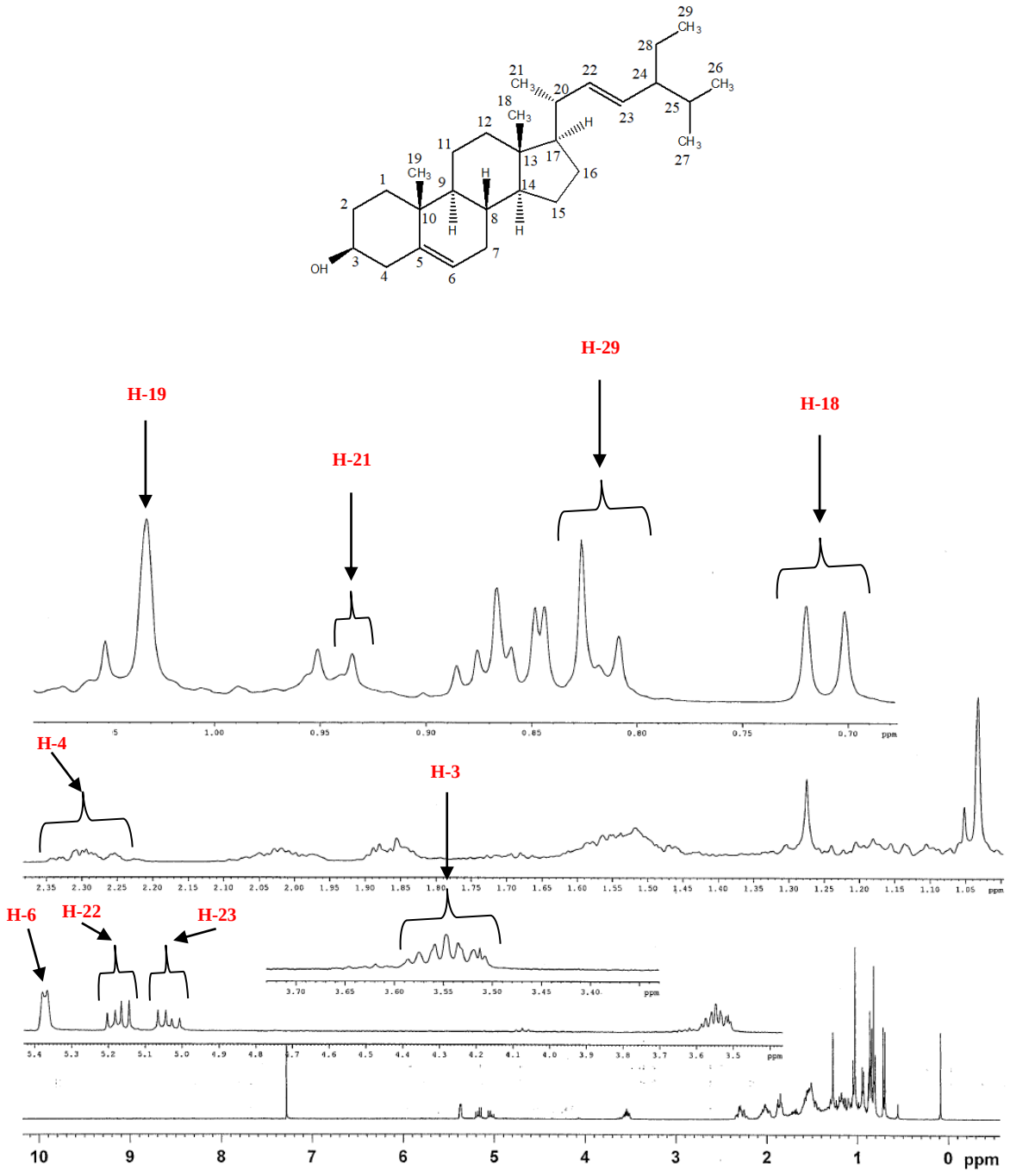


**Figure S3:** $^{1}$H-NMR (400 MHz, $CDCl_3$) Spectrum of Compound **2** (Stigmasterol)

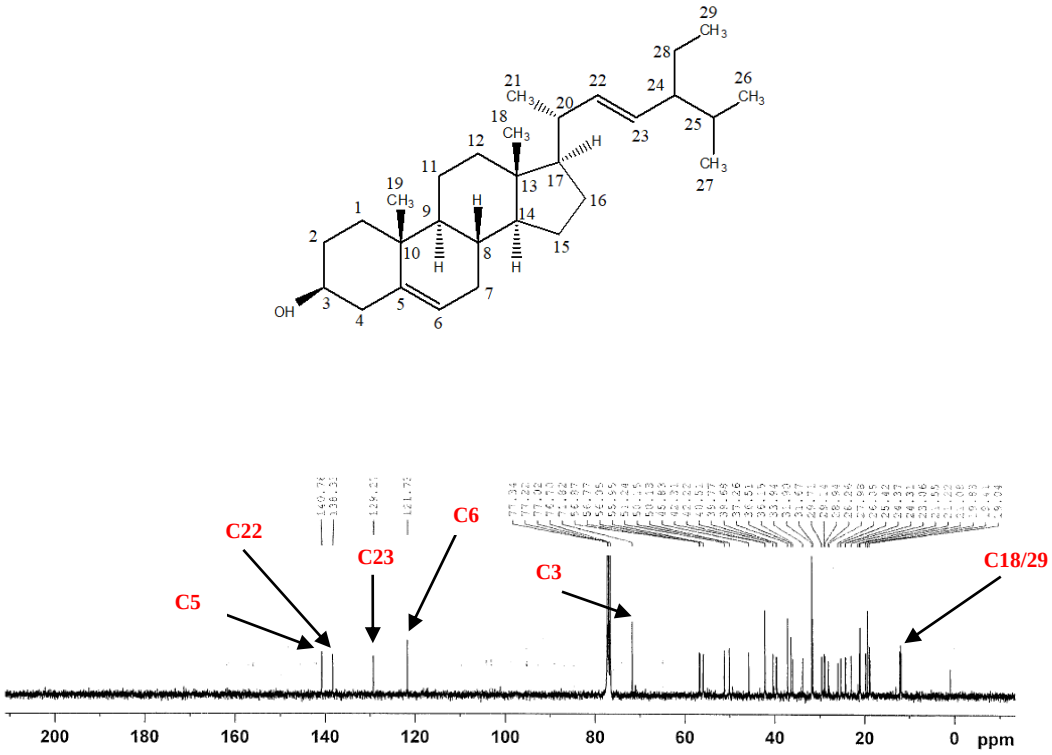


**Figure S4:** $^{13}$C-NMR (100 MHz, $CDCl_3$) Spectrum of Compound **2** (Stigmasterol)

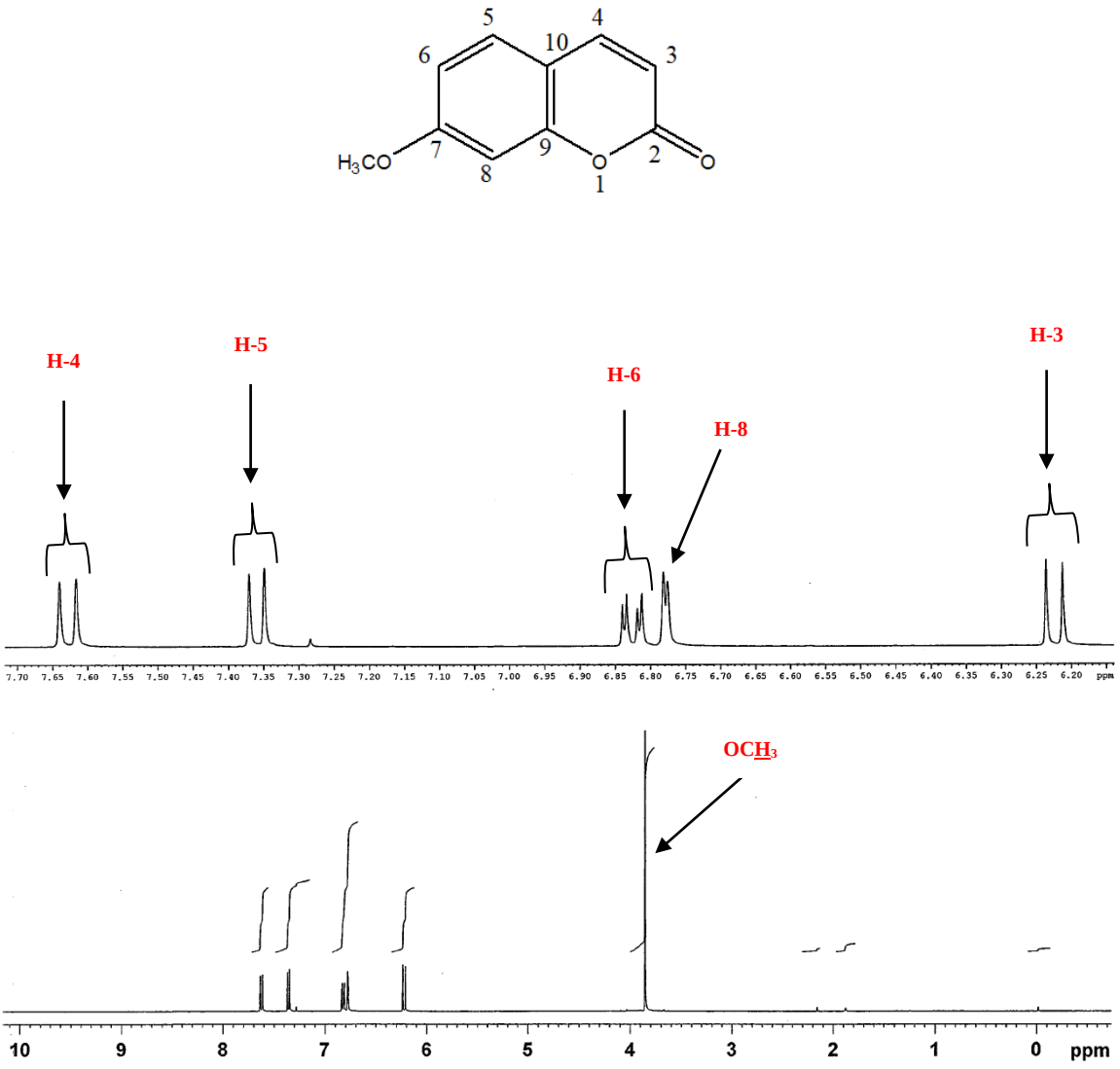


**Figure S5:** $^{1}$H-NMR (400 MHz, $CDCl_3$) Spectrum of Compound **3** (Herniarin)

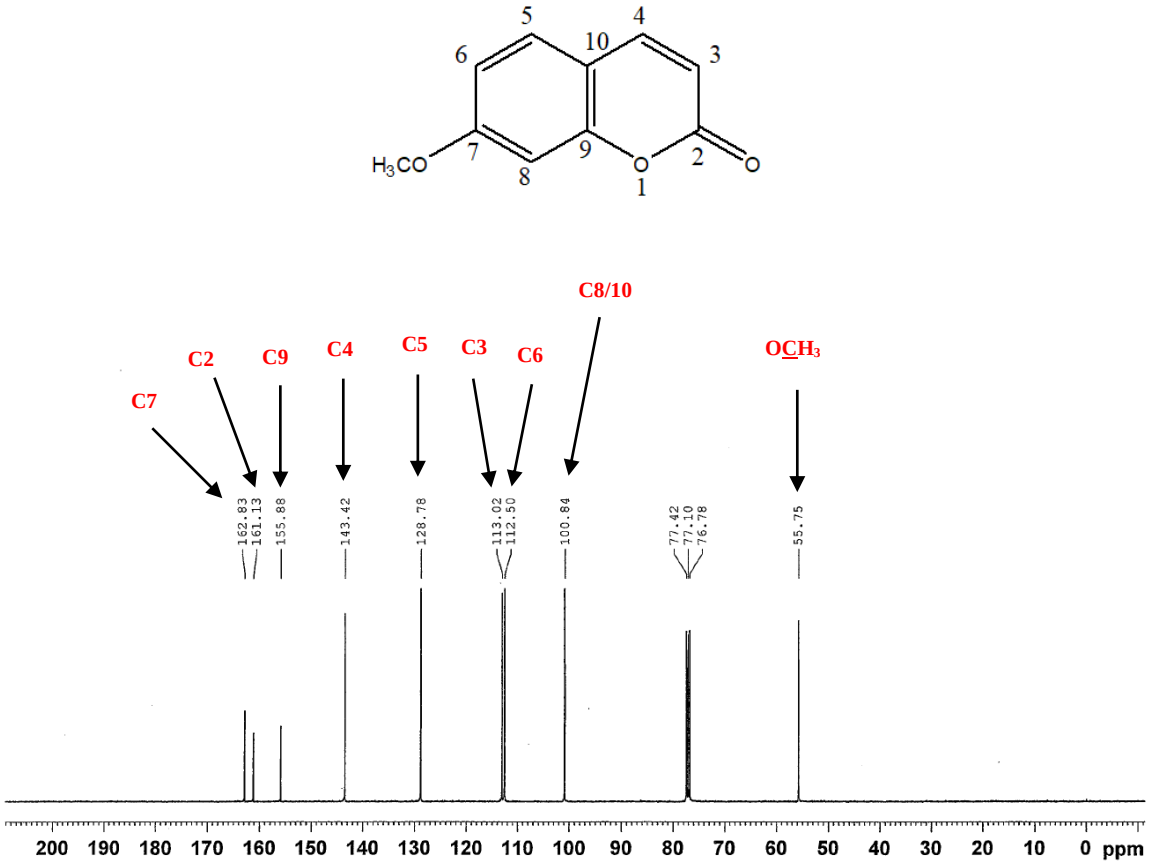


**Figure S6:** $^{13}$C-NMR (100 MHz, $CDCl_3$) Spectrum of Compound **3 (**Herniarin)

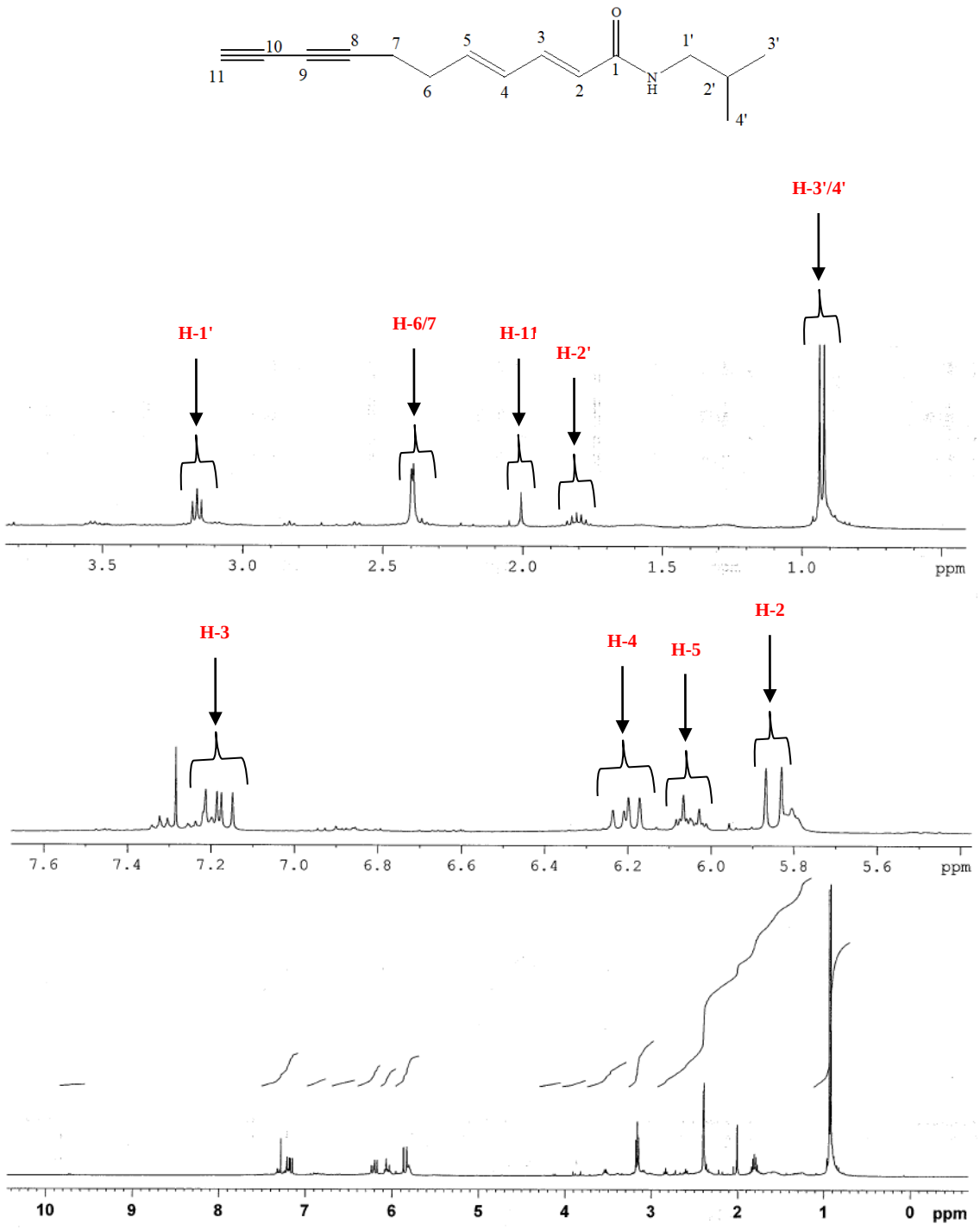


**Figure S7:** $^{1}$H-NMR (400 MHz, $CDCl_3$) Spectrum of Compound **4** ((2*E*,4*E*)-*N*-isobutylundeca-2,4-dien-8,10-diynamide)


**Figure S8:** $^{13}$C-NMR (100 MHz, $CDCl_3$) Spectrum of Compound **4** ((2*E*,4*E*)-*N*-isobutylundeca-2,4-dien-8,10-diynamide)

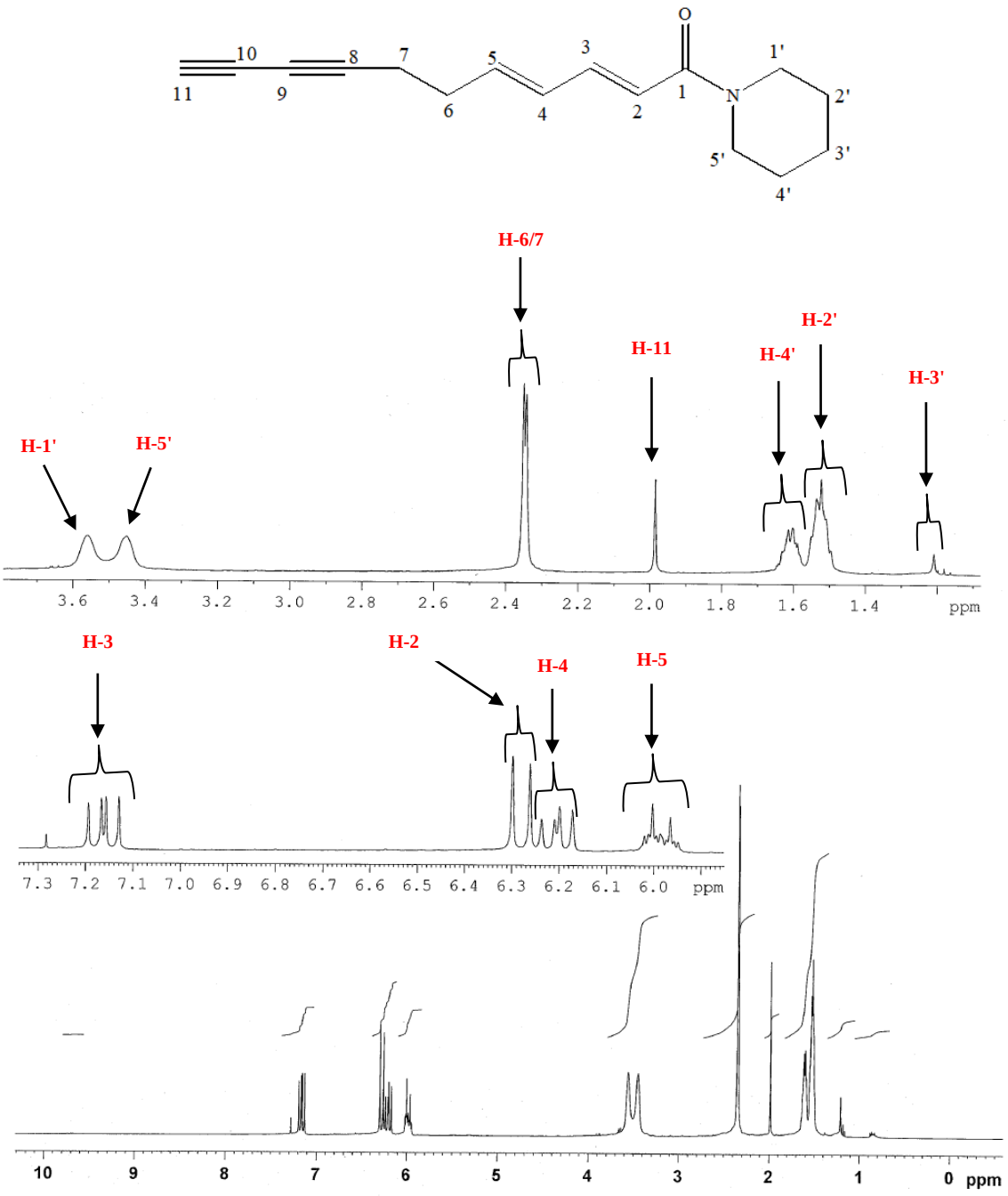


**Figure S9:** $^{1}$H-NMR (400 MHz, $CDCl_3$) Spectrum of Compound **5** ((2*E*,4*E*)-1-(piperidin-1-yl)undeca-2,4-diene-8,10-diyn-1-one)

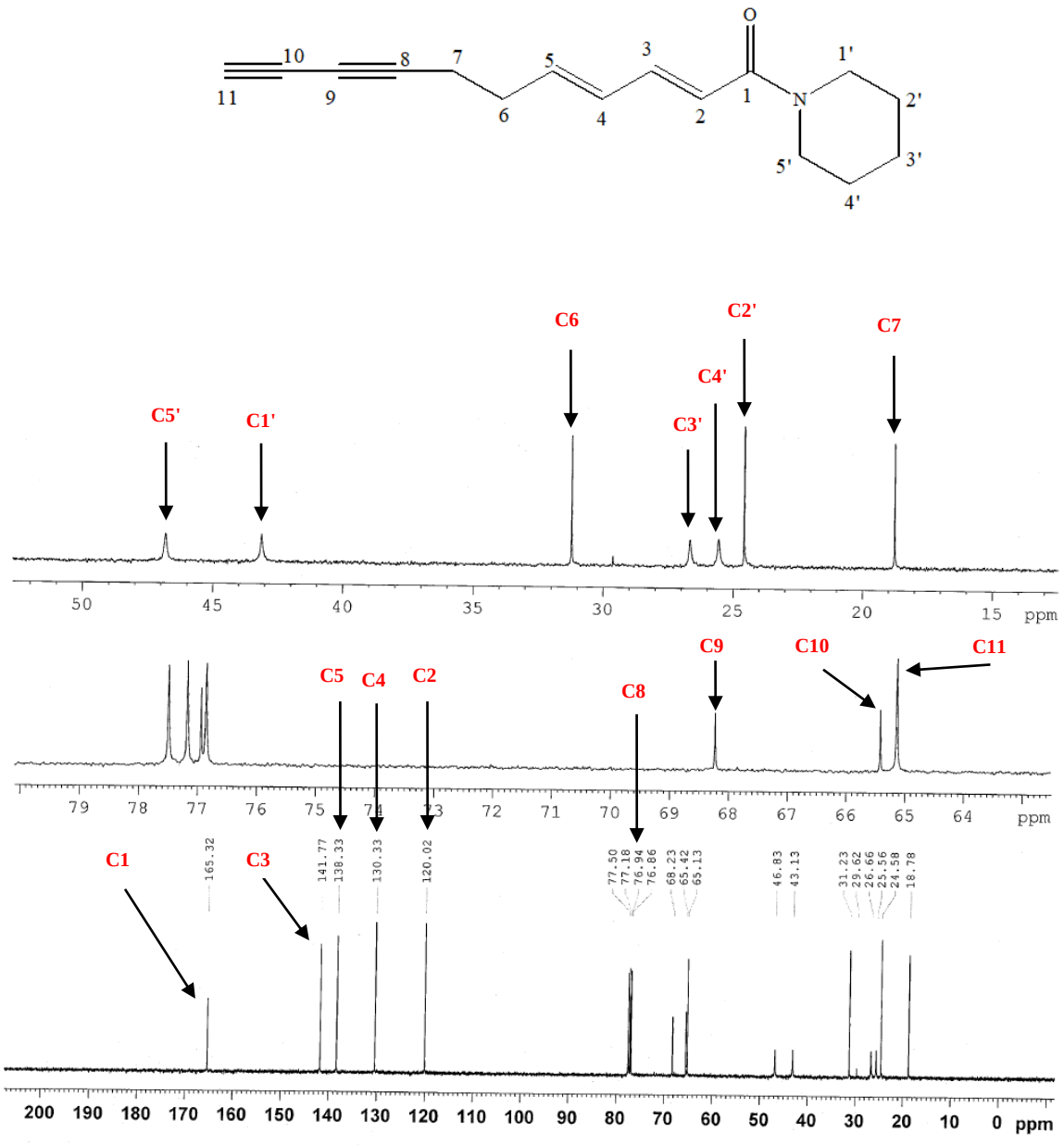


**Figure S10:** $^{13}$C-NMR (100 MHz, $CDCl_3$) Spectrum of Compound **5** ((2*E*,4*E*)-1-(piperidin-1-yl)undeca-2,4-diene-8,10-diyn-1-one)

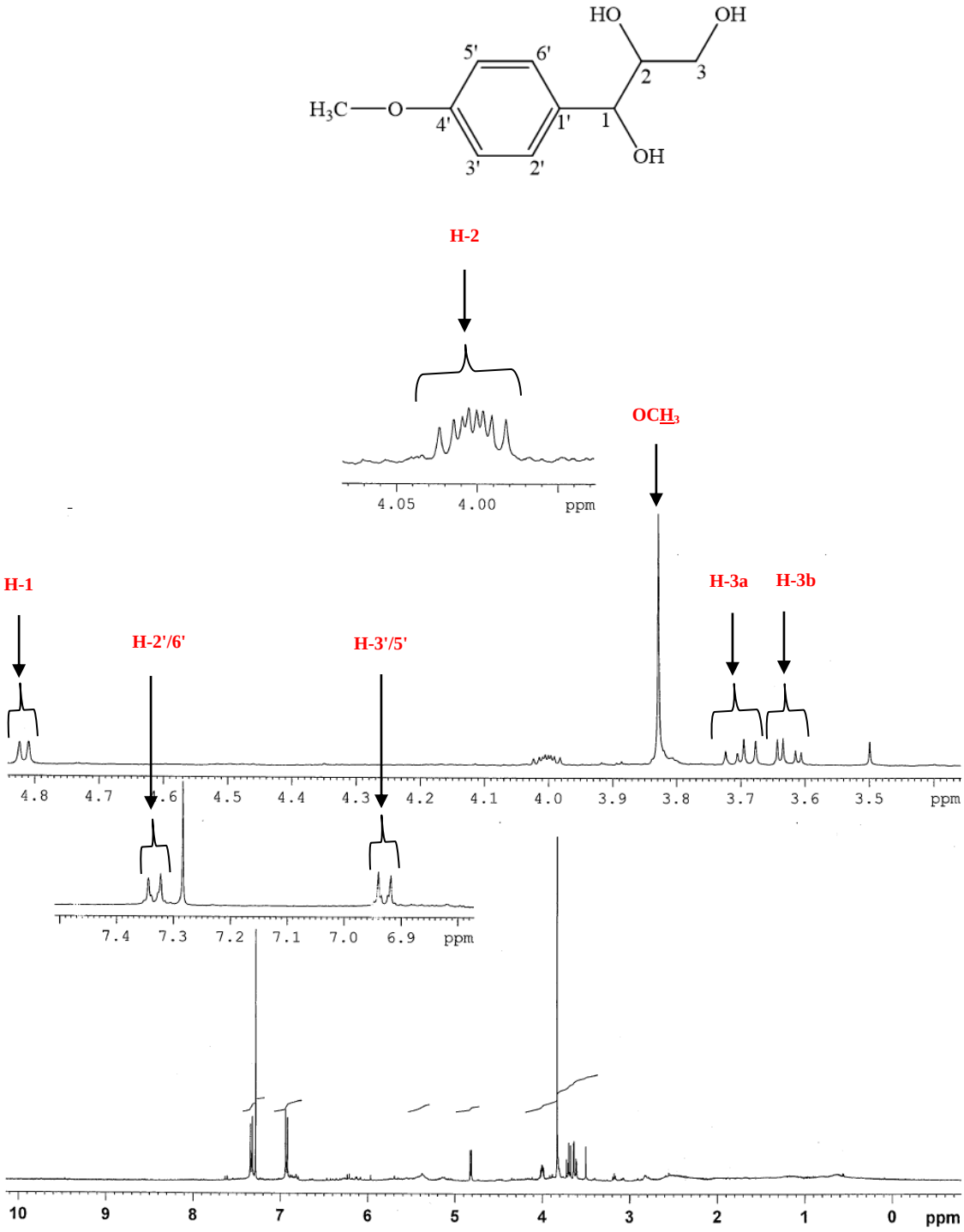


**Figure S11:** $^{1}$H-NMR (400 MHz, $CDCl_3$) Spectrum of Compound **6** (1-(4'-methoxyphenyl)-1,2,3-trihydroxypropane)

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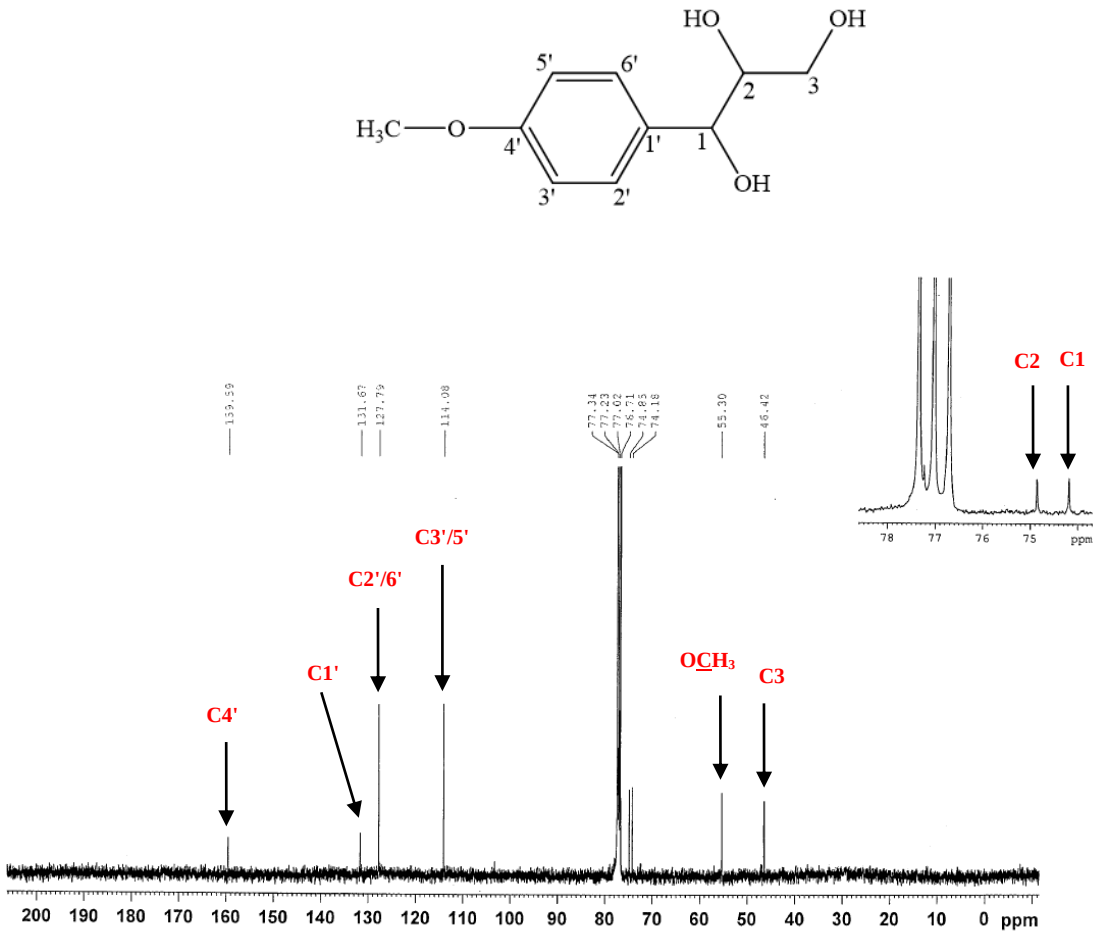


**Figure S12:** $^{13}$C-NMR (100 MHz, $CDCl_3$) Spectrum of Compound **6** (1-(4'-methoxyphenyl)-1,2,3-trihydroxypropane)