Supplementary Materials

Synthesis and Potential Antiproliferative Activity of Dehydroabietylamine Imidazole Derivatives

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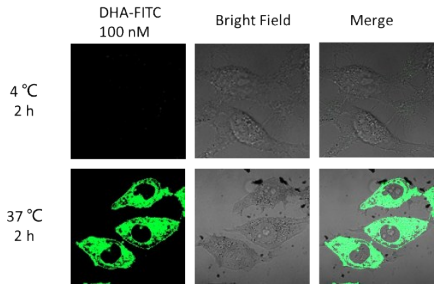
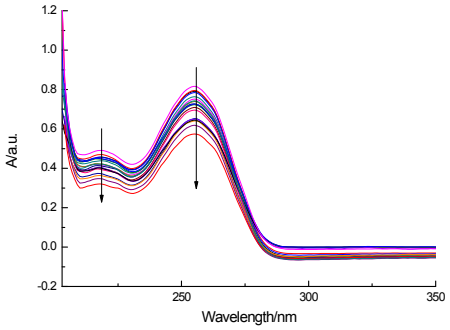
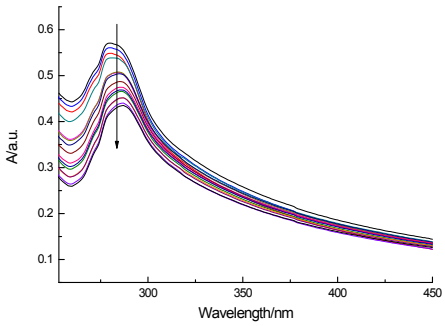


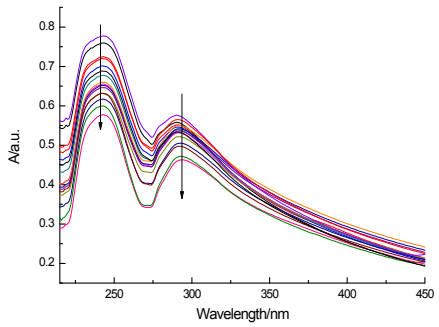
Fig. S1 Confocal fluorescence images of $\mathbf{L^0}$-FITC (100 nM) incubated with Hela cells for 2 h at 4 ℃ and 37 ℃. λ_{ex} = 488 nm.



$\mathbf{L^3}$



$\mathbf{L^4}$



$\mathbf{L^5}$

Fig. S2 Absorption spectra of $\mathbf{L^3}$, $\mathbf{L^4}$, $\mathbf{L^5}$ (5×10^{-5}M) in the absence and presence of increasing amounts of DNA at room temperature in Tris-NaCl-HCl buffer (pH = 7.3). The arrow shows the absorbance change when increasing the DNA concentration.

^{1}H NMR and ^{13}C NMR spectra of compounds $\mathbf{L^1}$-$\mathbf{L^5}$.

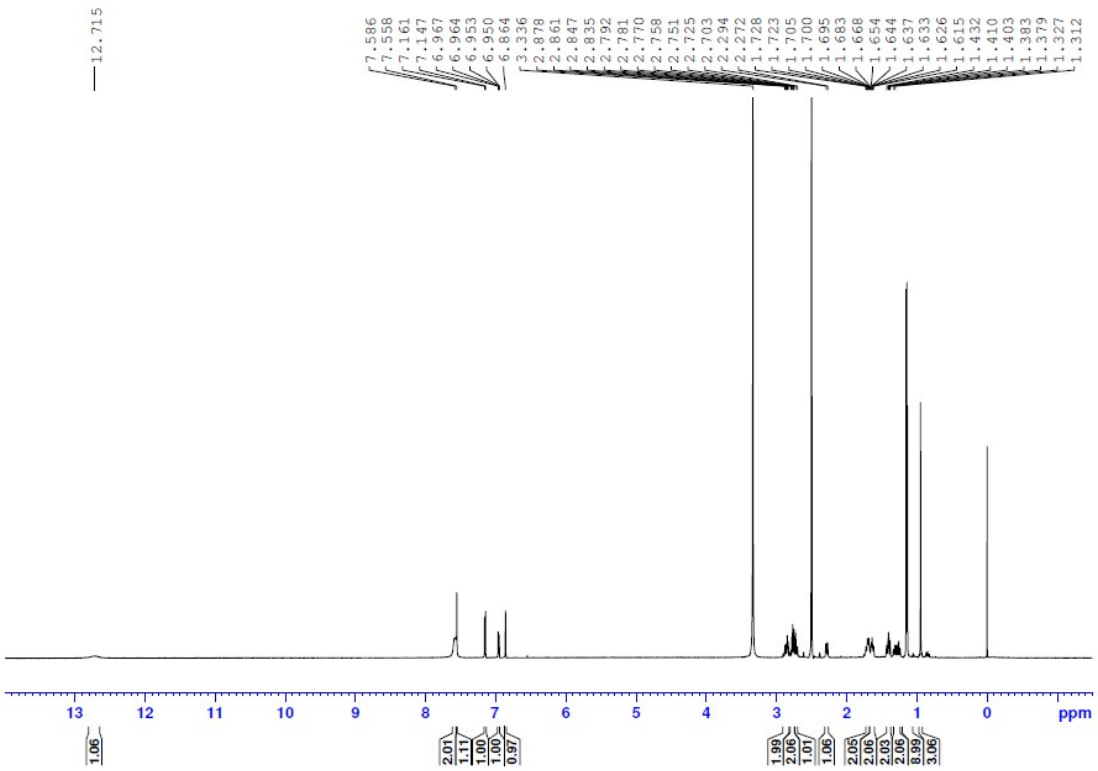


Fig.S3 ^{1}H NMR (600 MHz, $CDCl_3$) spectrum of compound **L^{1}**

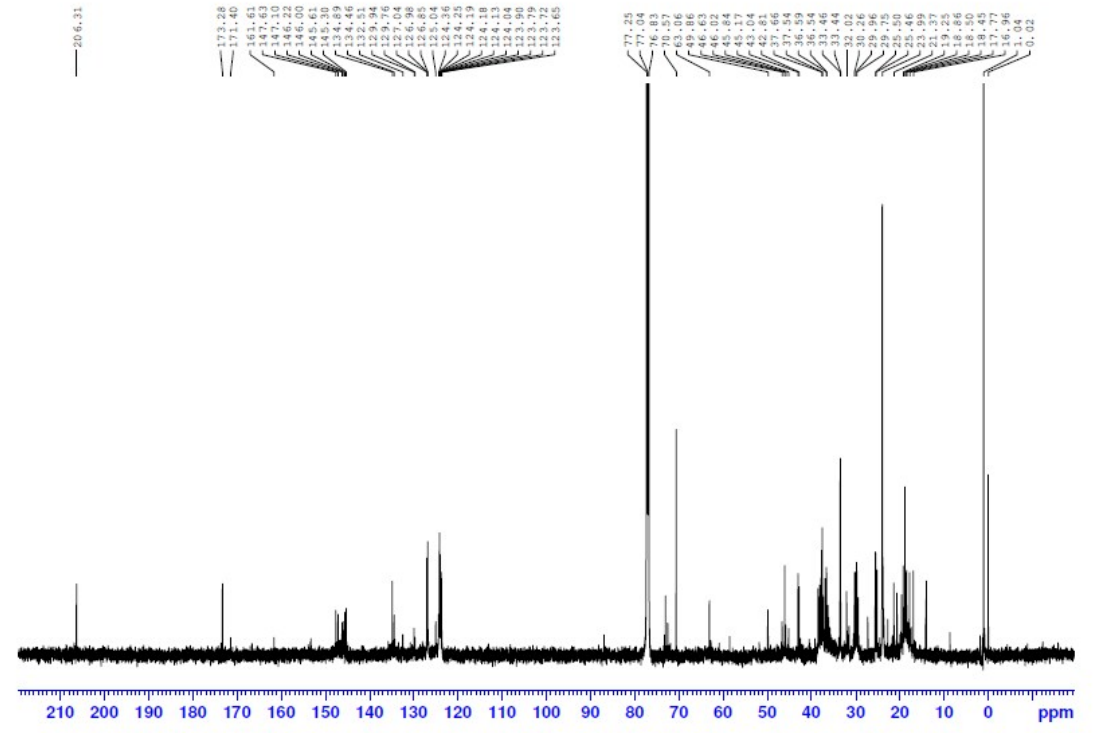


Fig.S4 ^{13}C NMR (151 MHz, $CDCl_3$) spectrum of compound **L^{1}**

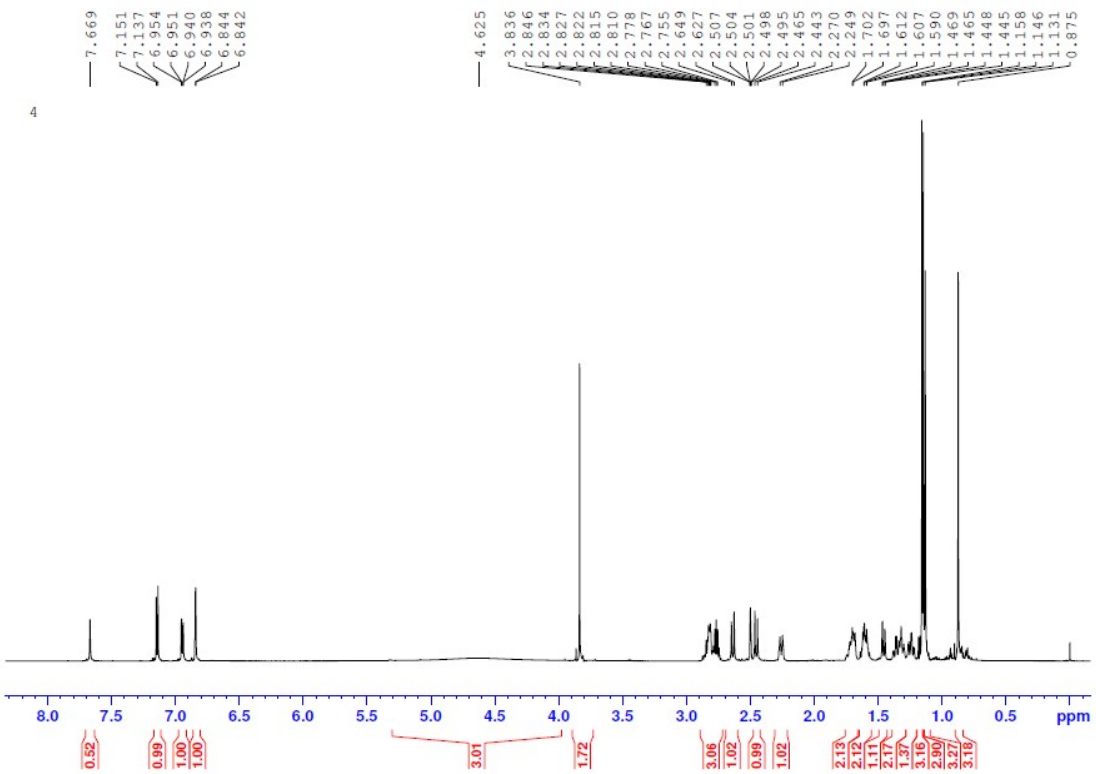


Fig.S5 ^{1}H NMR (600 MHz, $CDCl_3$) spectrum of compound **L^2**

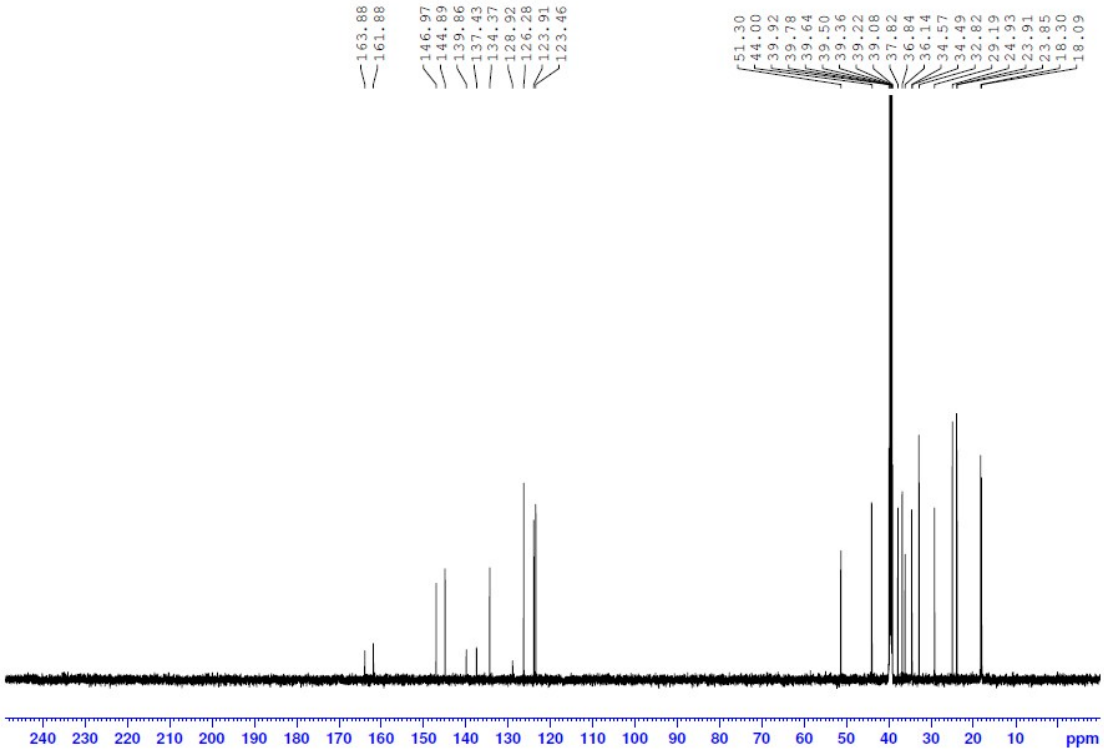


Fig.S6 ^{13}C NMR (151 MHz, $CDCl_3$) spectrum of compound **L^2**

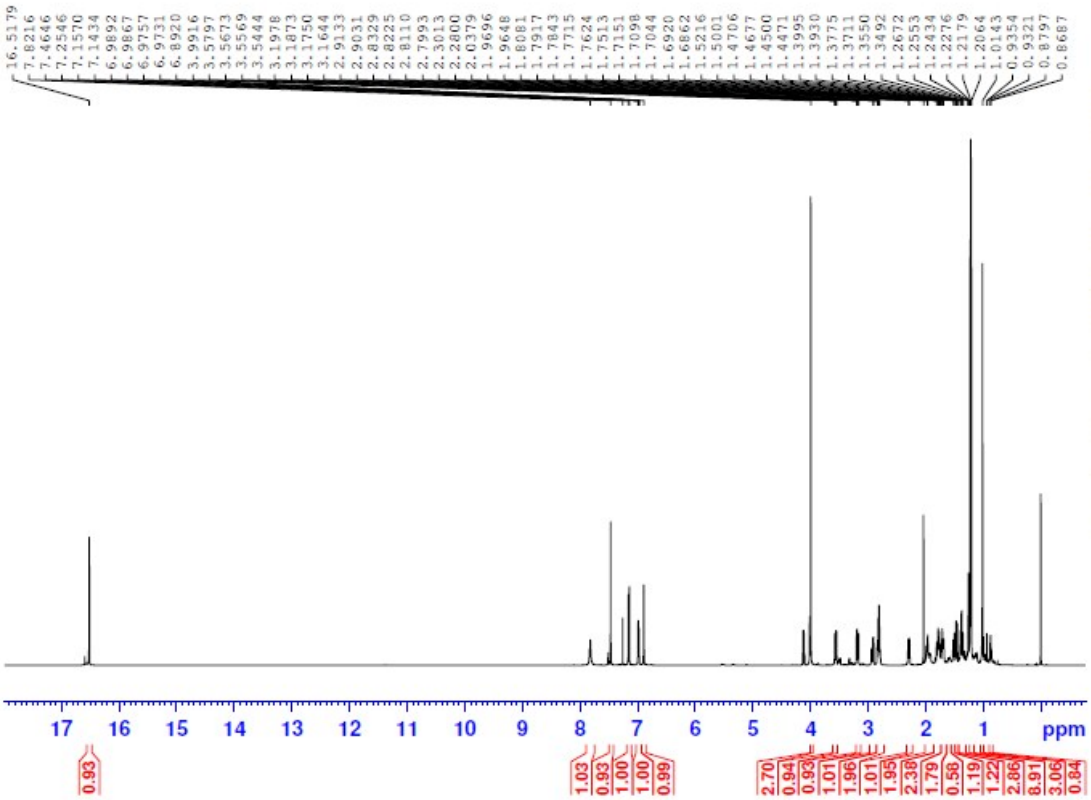


Fig.S7 ^{1}H NMR (600 MHz, $CDCl_3$) spectrum of compound **L^3**

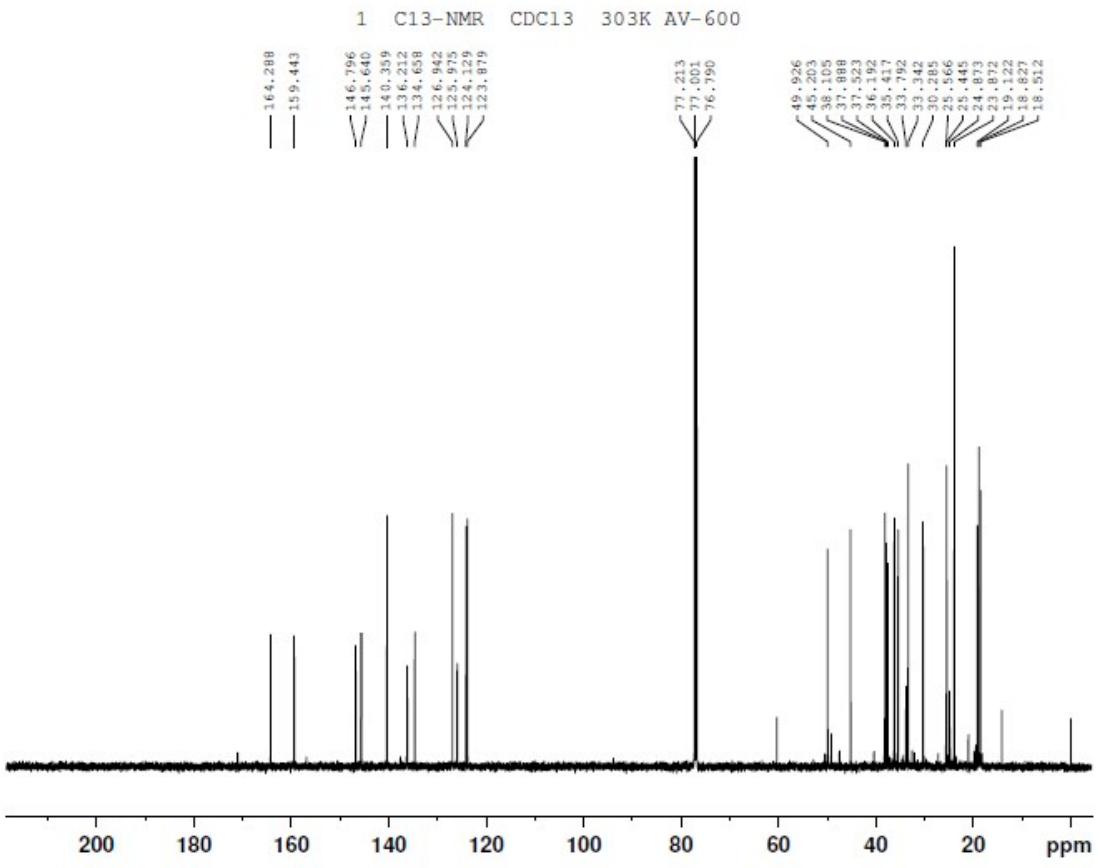


Fig.S8 ^{13}C NMR (151 MHz, $CDCl_3$) spectrum of compound **L^3**

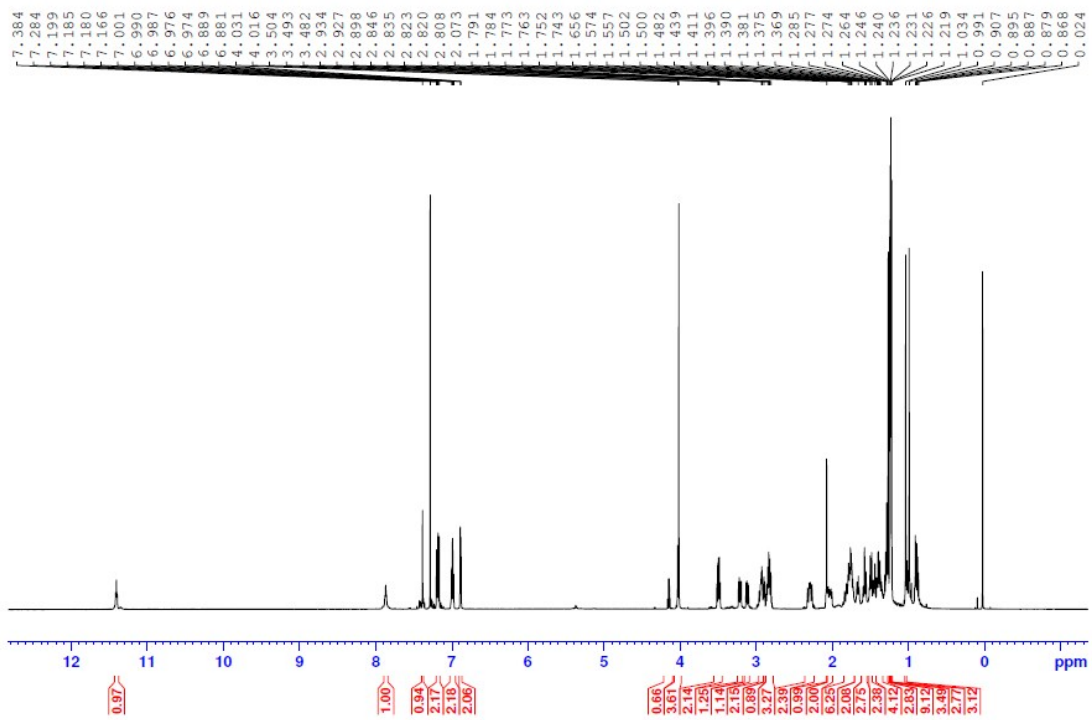


Fig.S9 ^{1}H NMR (600 MHz, $CDCl_3$) spectrum of compound **L^4**

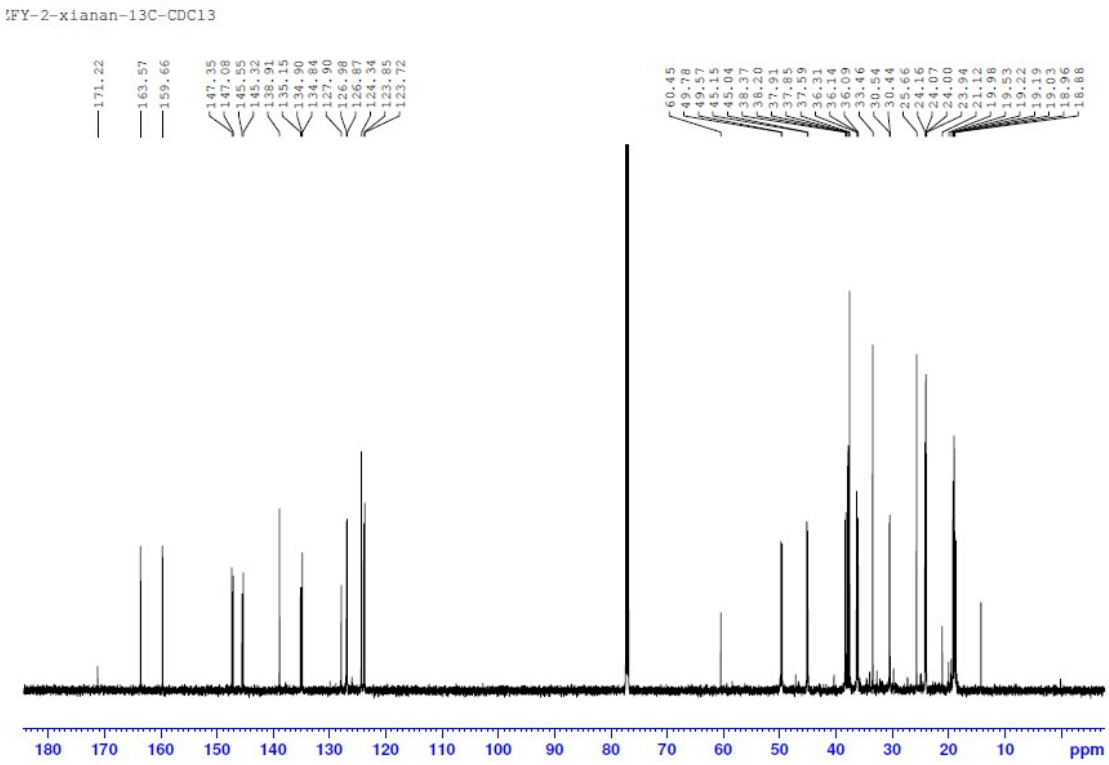


Fig.S10 ^{13}C NMR (151 MHz, $CDCl_3$) spectrum of compound **L^4**

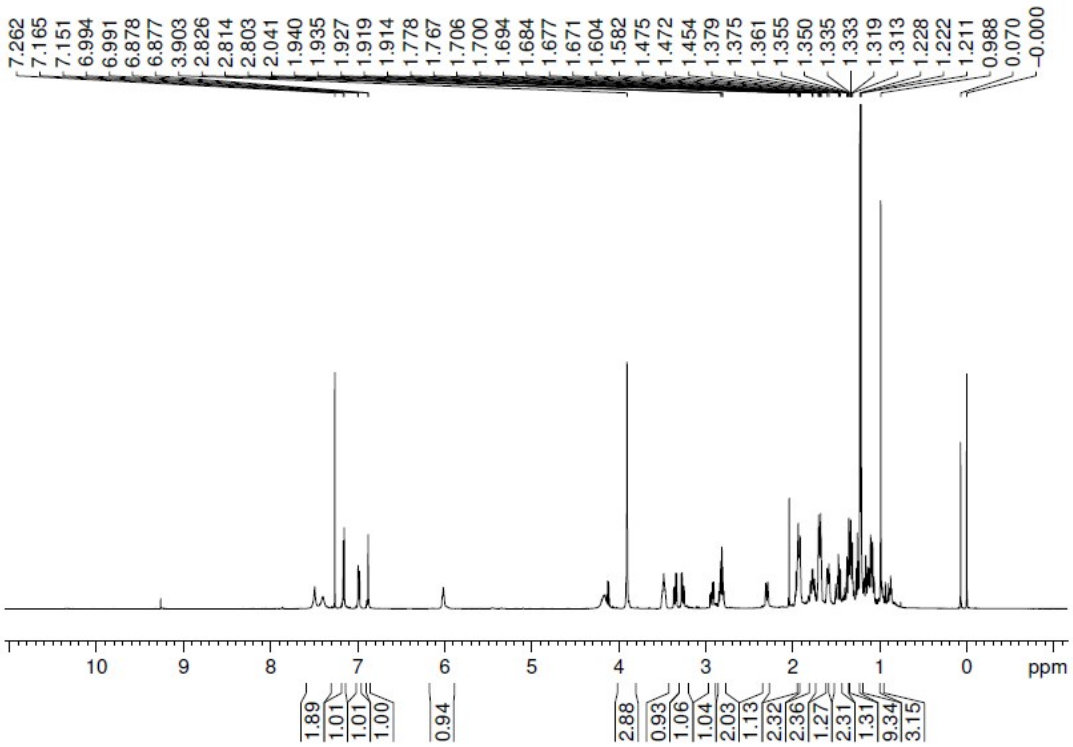


Fig.S11 ^{1}H NMR (600 MHz, $CDCl_3$) spectrum of compound **L^5**

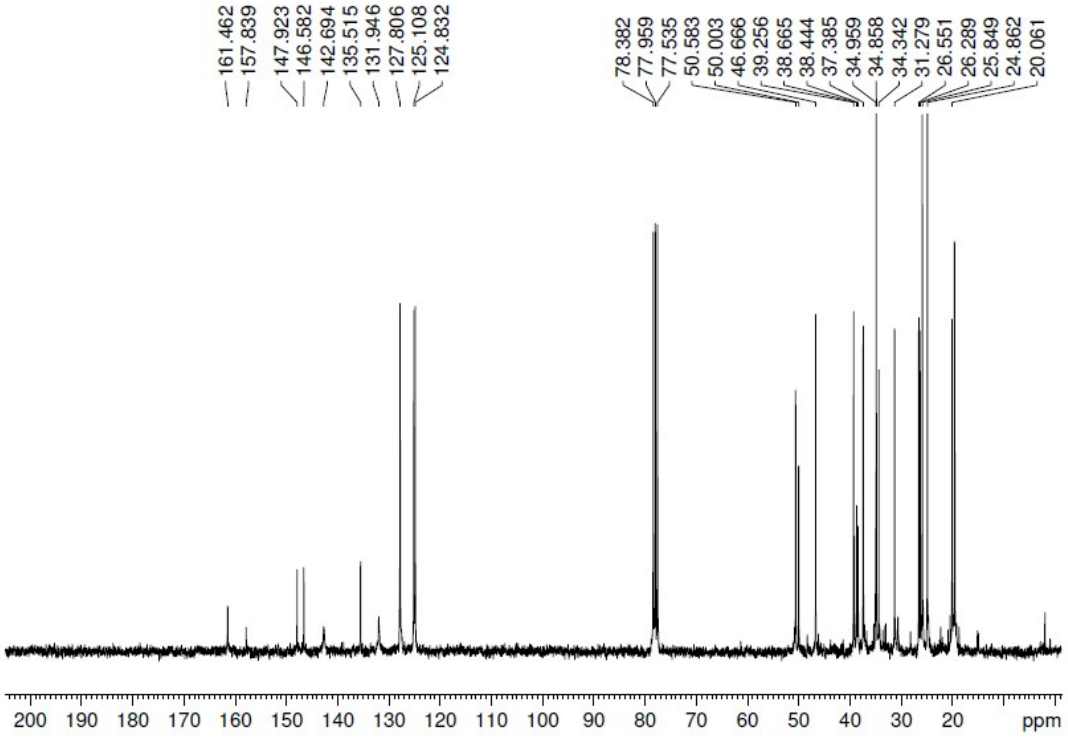


Fig.S12 ^{13}C NMR (151 MHz, $CDCl_3$) spectrum of compound **L^5**

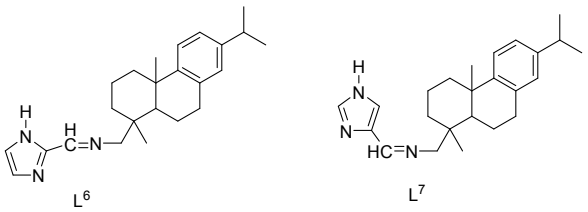


Fig. S13 The structure of **L^6** and **L^7**.

Table S1 Peak areas of **L^3-L^5** by HPLC.

Comp.	Peak areas (0 h)	Peak areas (24 h)
L^3	13.9	14.1
L^4	11.6	12.0
L^5	19.9	19.6