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Alpha-glucosidase and Alpha-amylase Inhibitors Derived from Naturally Occurring Prenylated Isoflavones

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Supplementary Information

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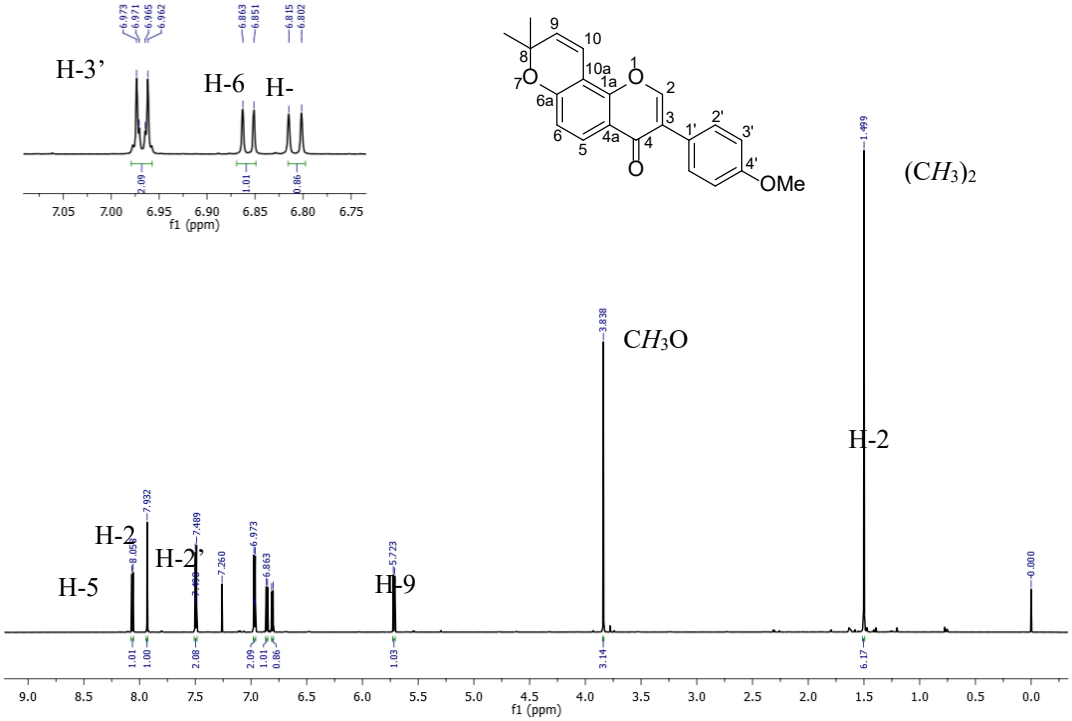

Fig. S1. [1]H-NMR spectra of compound **3a** (750 MHz, $CDCl_3$).

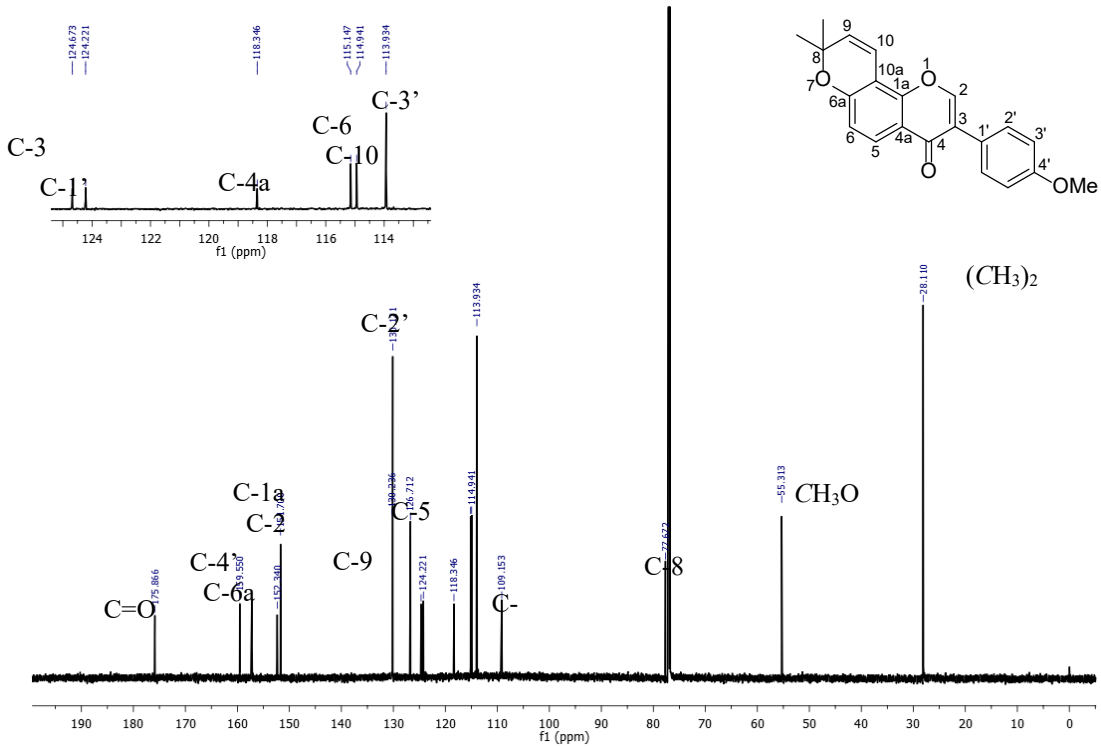

Fig. S2. [13]C-NMR spectra of compound **3a** (187.5 MHz, $CDCl_3$).

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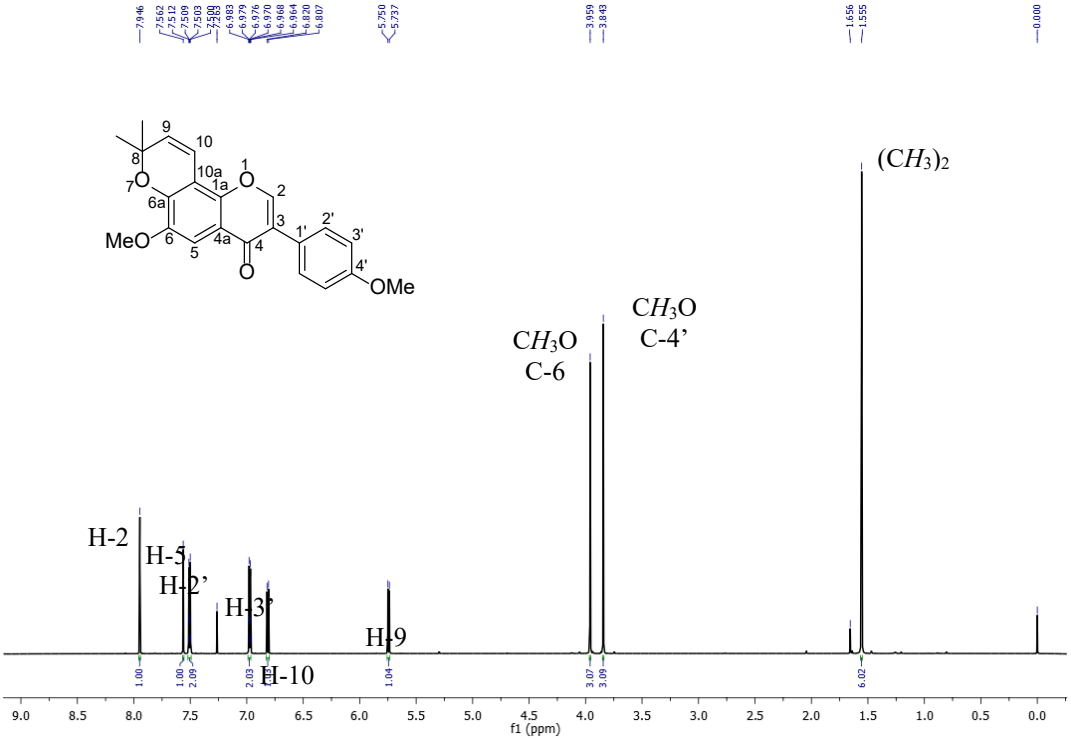

Fig. S3. ^{1}H-NMR spectra of compound **3b** (750 MHz, $CDCl_3$).

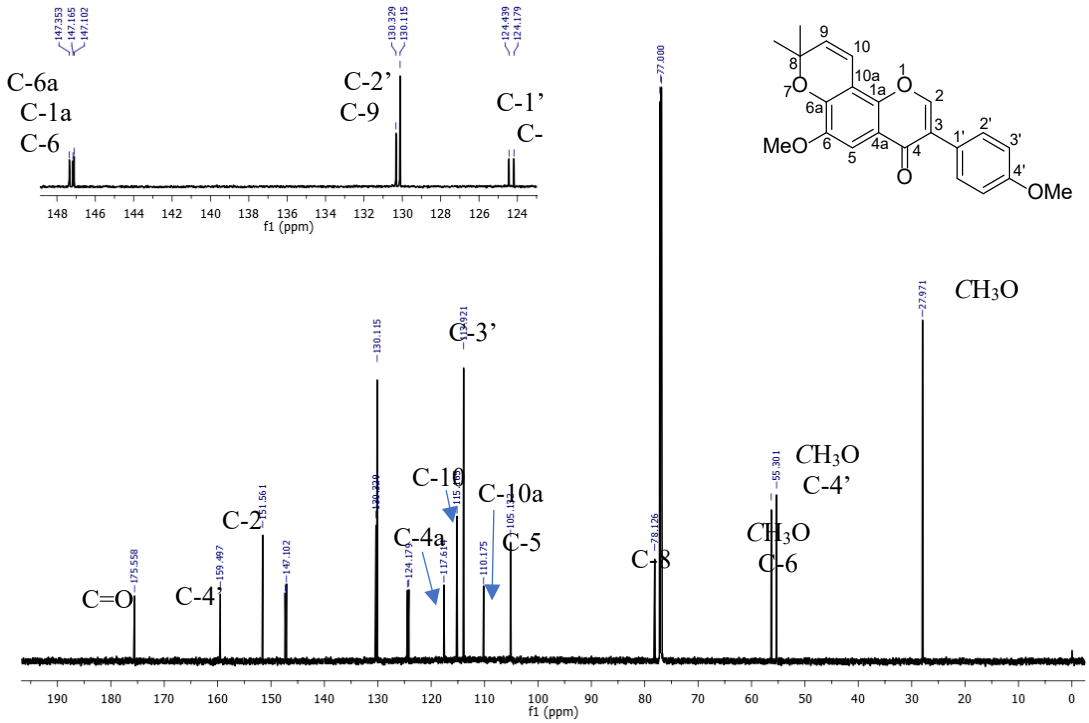

Fig. S4. ^{13}C-NMR spectra of compound **3b** (187.5 MHz, $CDCl_3$).

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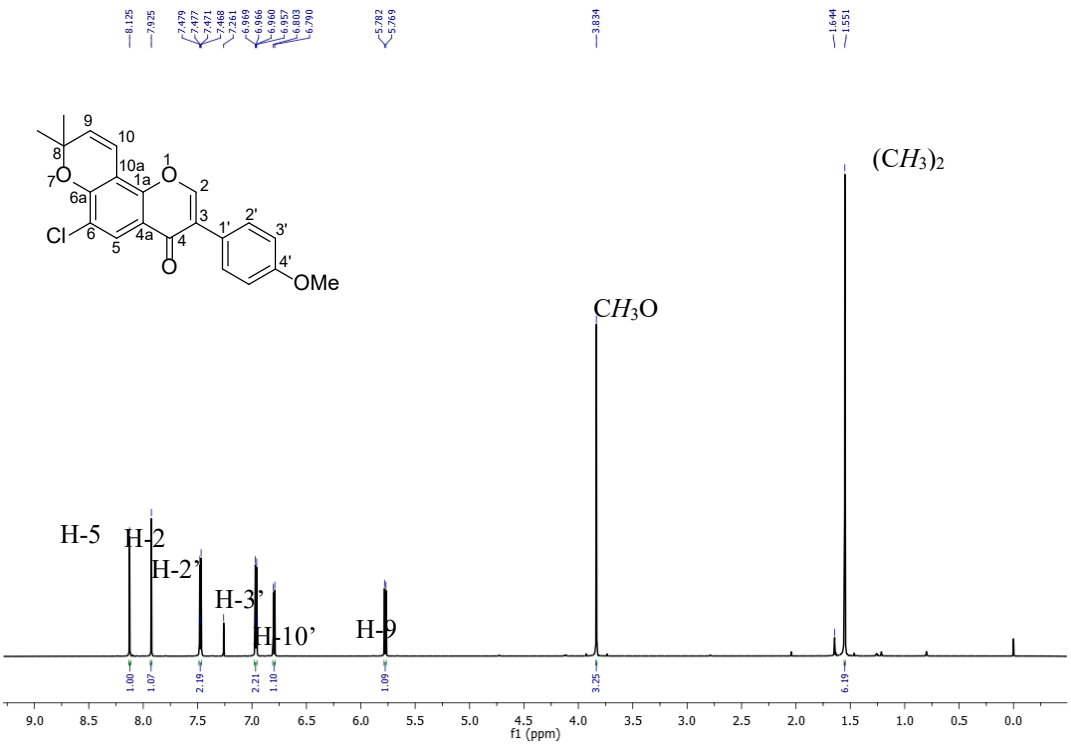

Fig. S5. ^{1}H-NMR spectra of compound **3c** (750 MHz, $CDCl_3$).

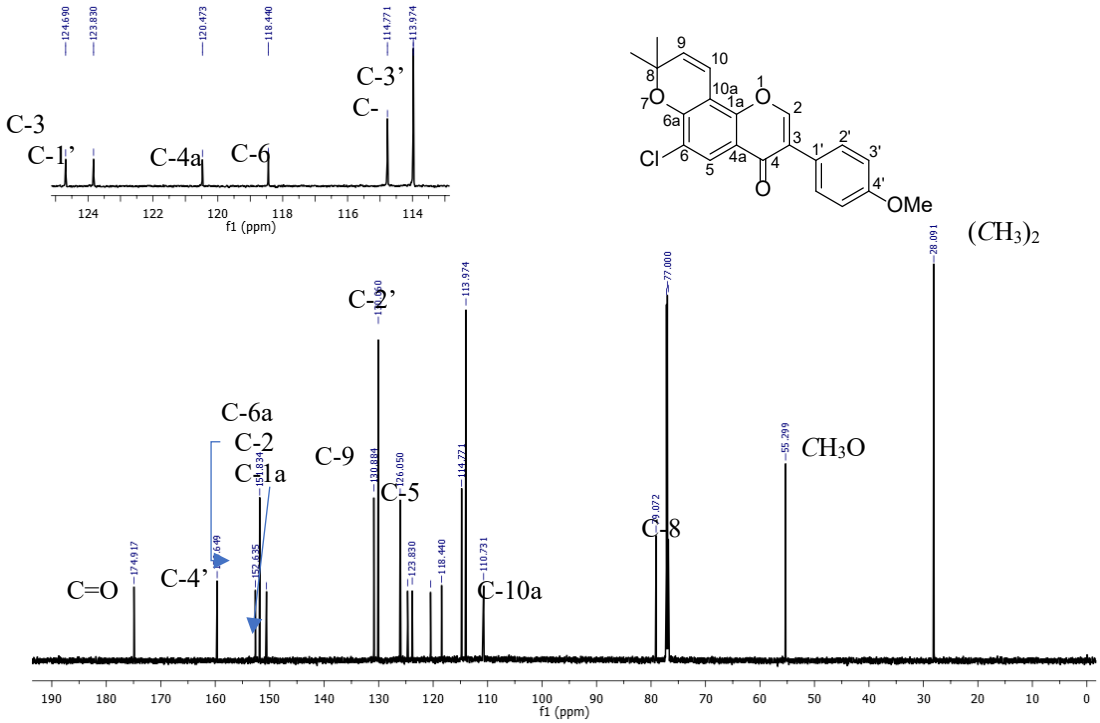

Fig. S6. ^{13}C-NMR spectra of compound **3c** (187.5 MHz, $CDCl_3$).

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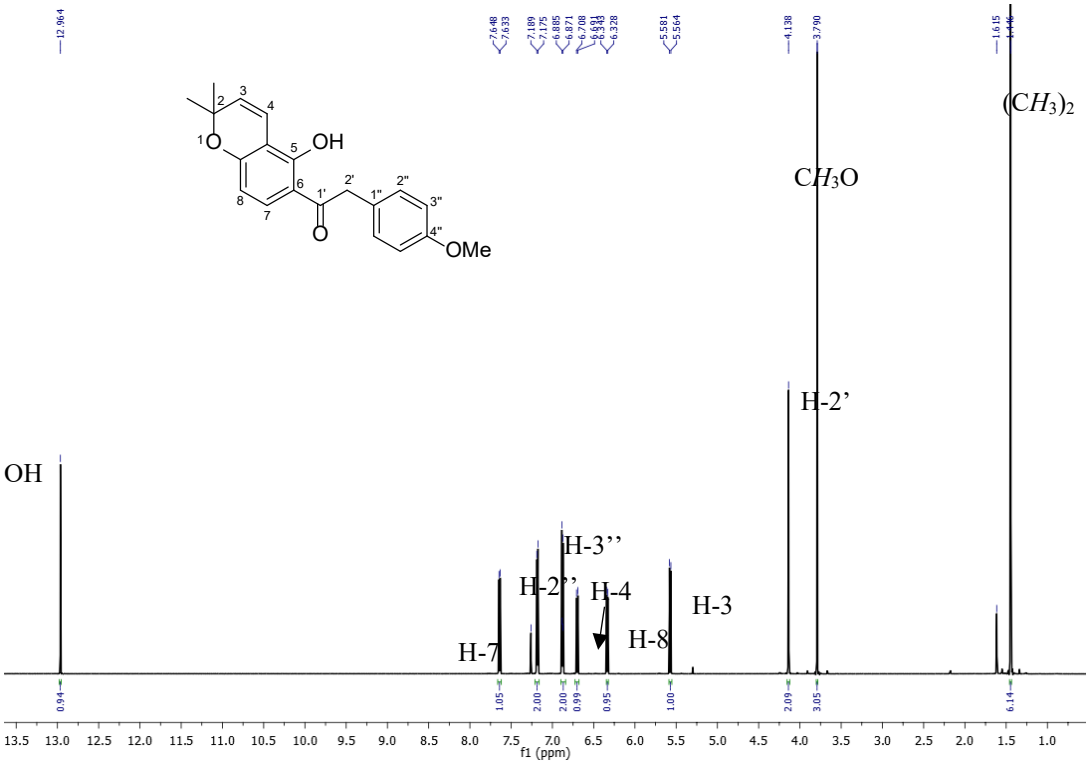

Fig. S7. ^{1}H-NMR spectra of compound **4a** (750 MHz, $CDCl_3$).

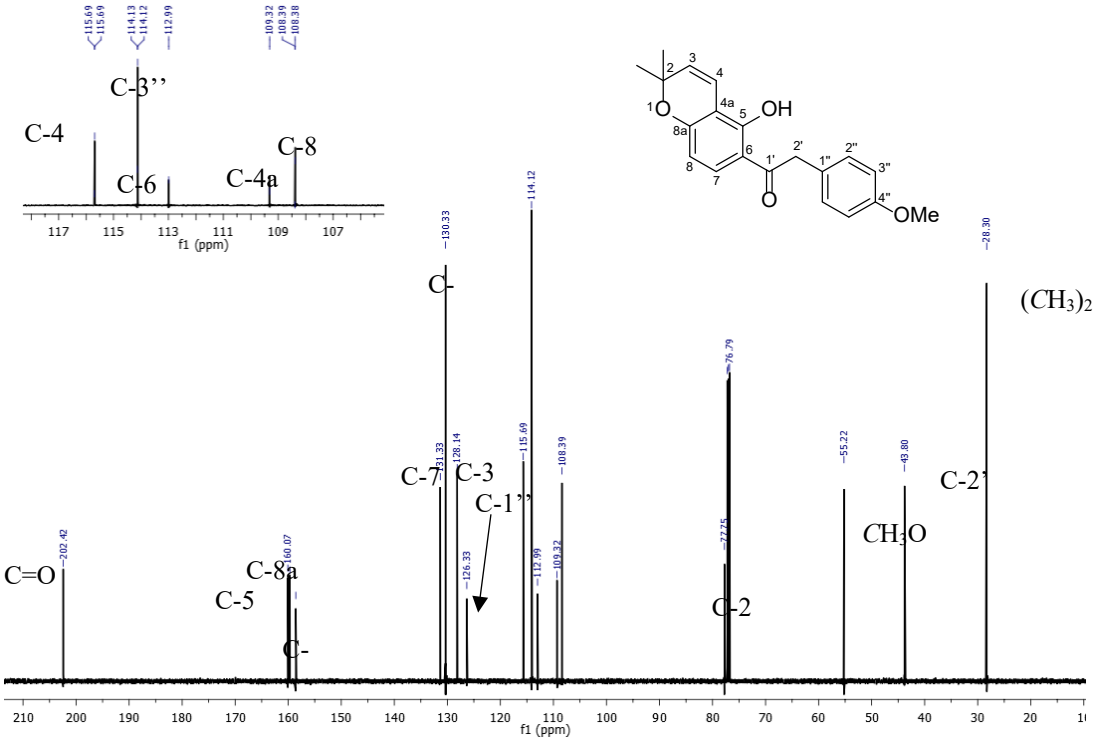

Fig. S8. ^{13}C-NMR spectra of compound **4a** (187.5 MHz, $CDCl_3$).

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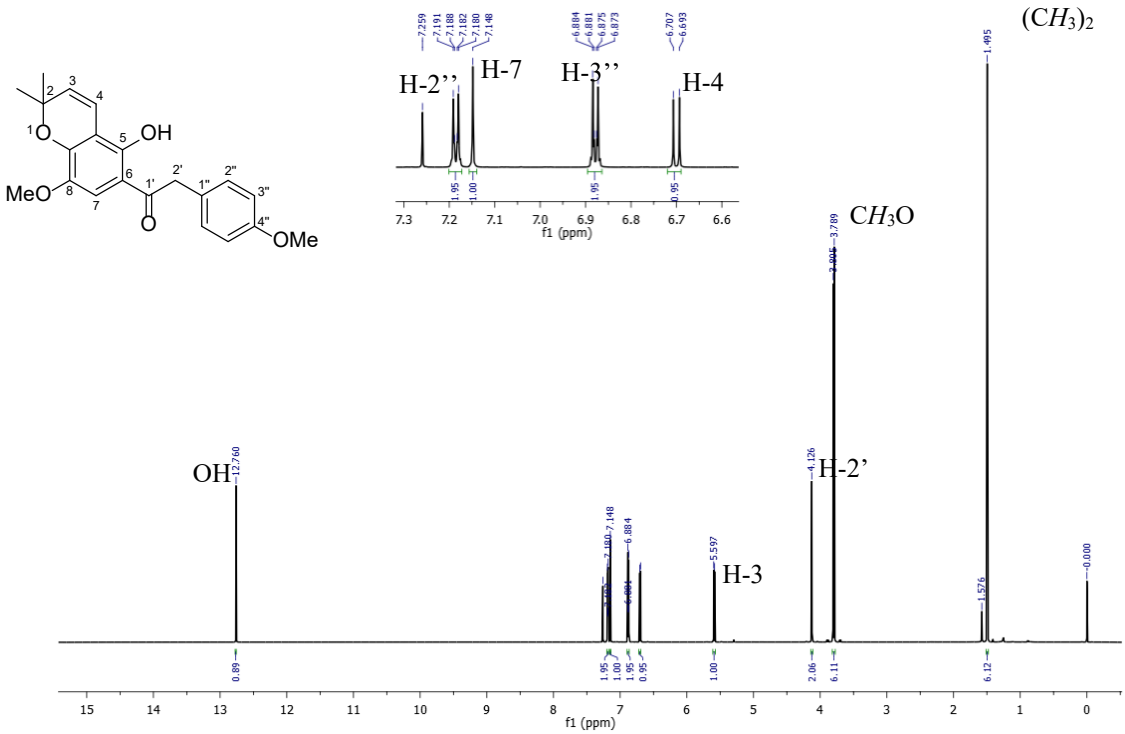

Fig. S9. ^{1}H-NMR spectra of compound **4b** (750 MHz, $CDCl_3$).

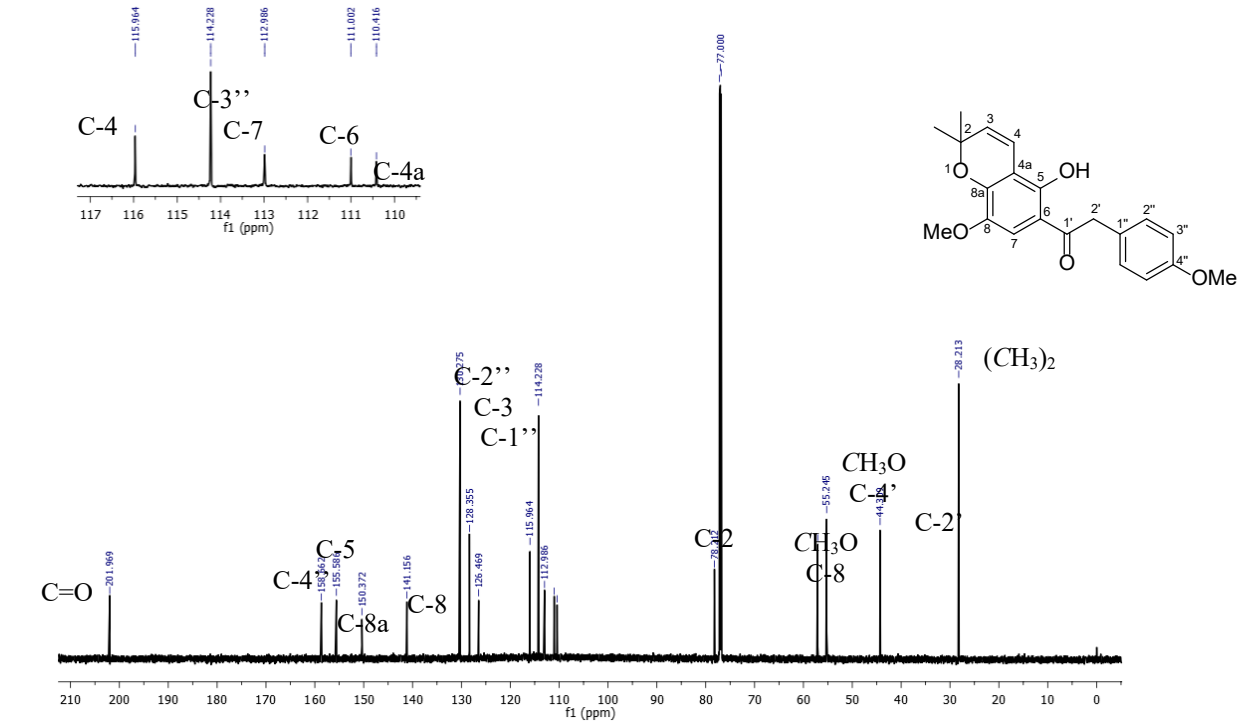

Fig. S10. ^{13}C-NMR spectra of compound **4b** (187.5 MHz, $CDCl_3$).

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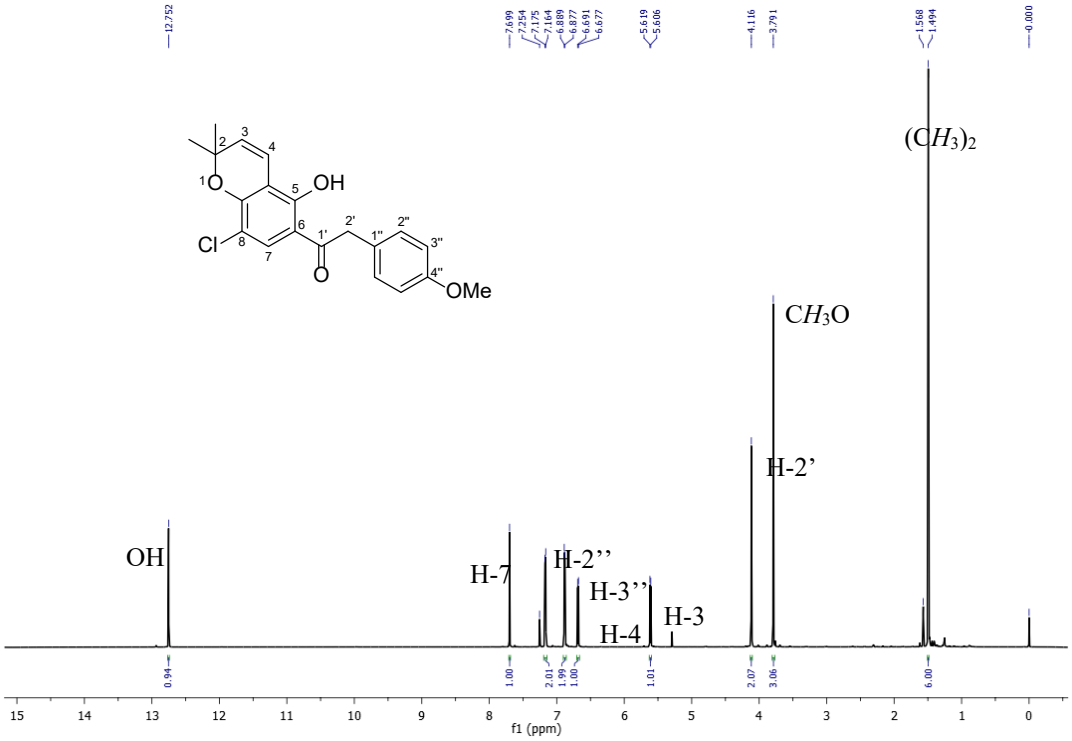

Fig. S11. ^{1}H-NMR spectra of compound **4c** (750 MHz, $CDCl_3$).

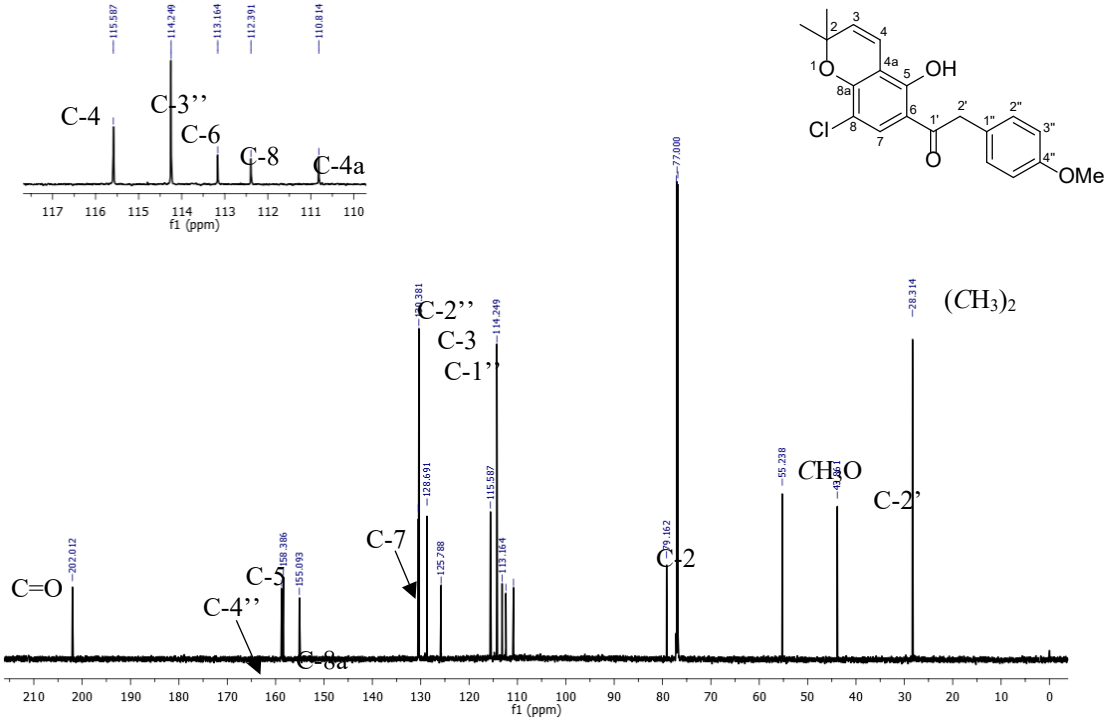

Fig. S12. ^{13}C-NMR spectra of compound **4c** (187.5 MHz, $CDCl_3$).

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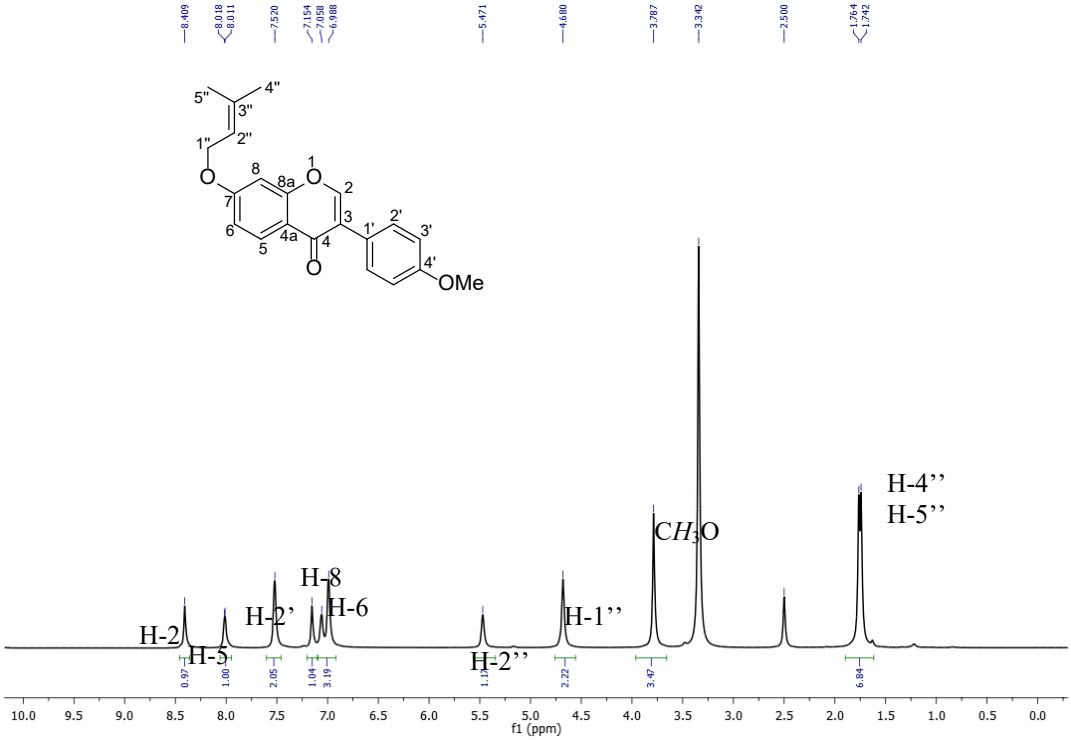

Fig. S13. [1]H-NMR spectra of compound **5a** (750 MHz, DMSO-d_6).

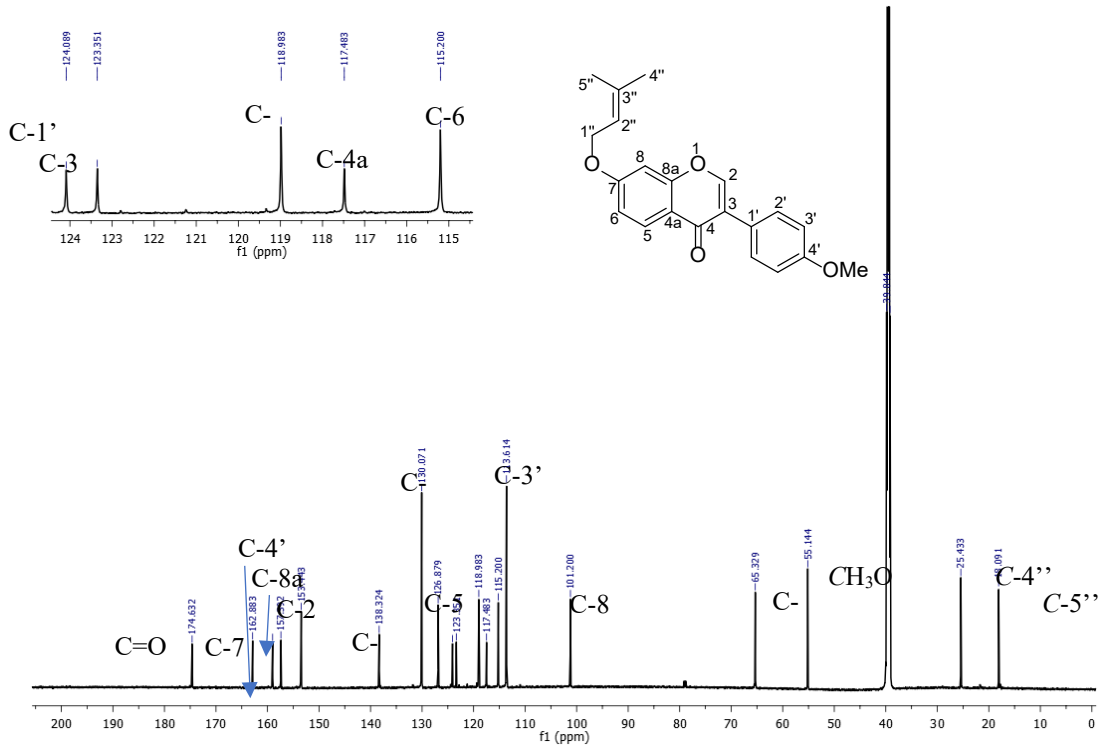

Fig. S14. [13]C-NMR spectra of compound **5a** (187.5 MHz, DMSO-d_6).

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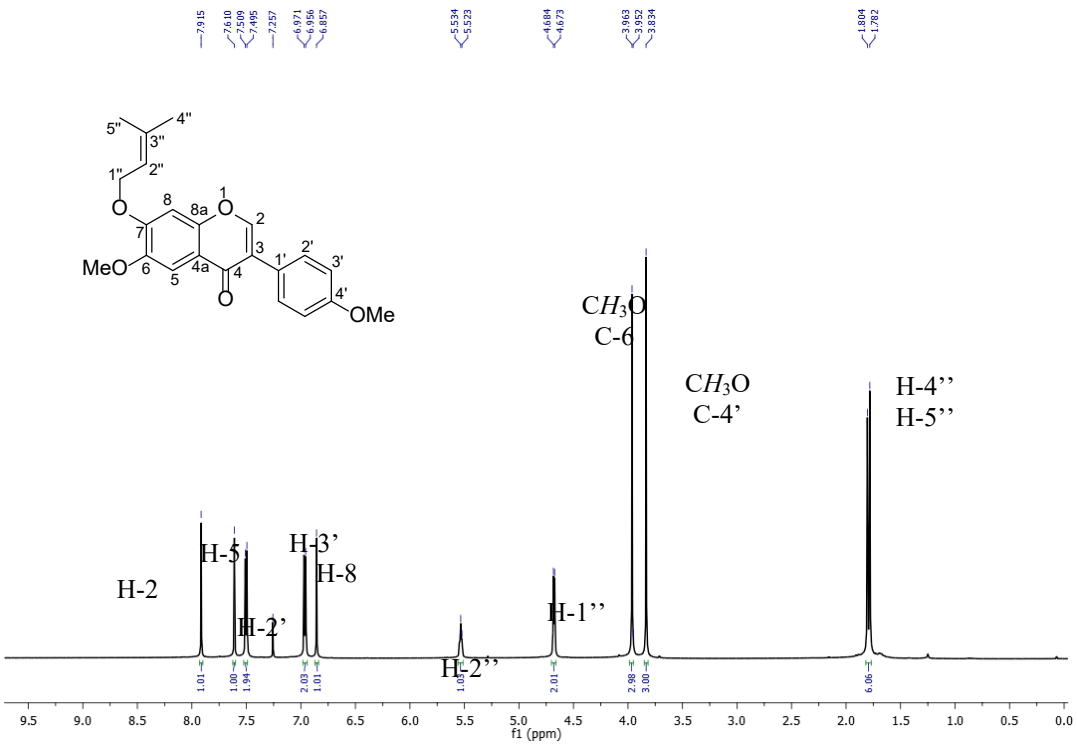

Fig. S15. ^{1}H-NMR spectra of compound **5b** (600 MHz, $CDCl_3$).

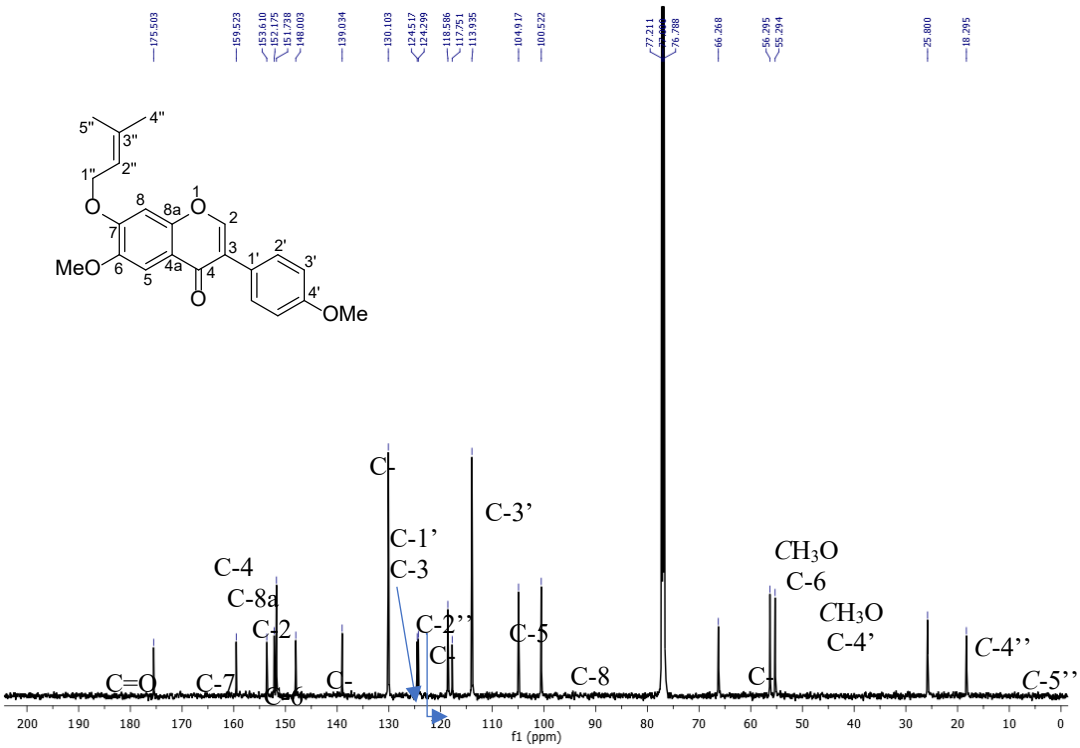

Fig. S16. ^{13}C-NMR spectra of compound **5b** (150 MHz, $CDCl_3$).

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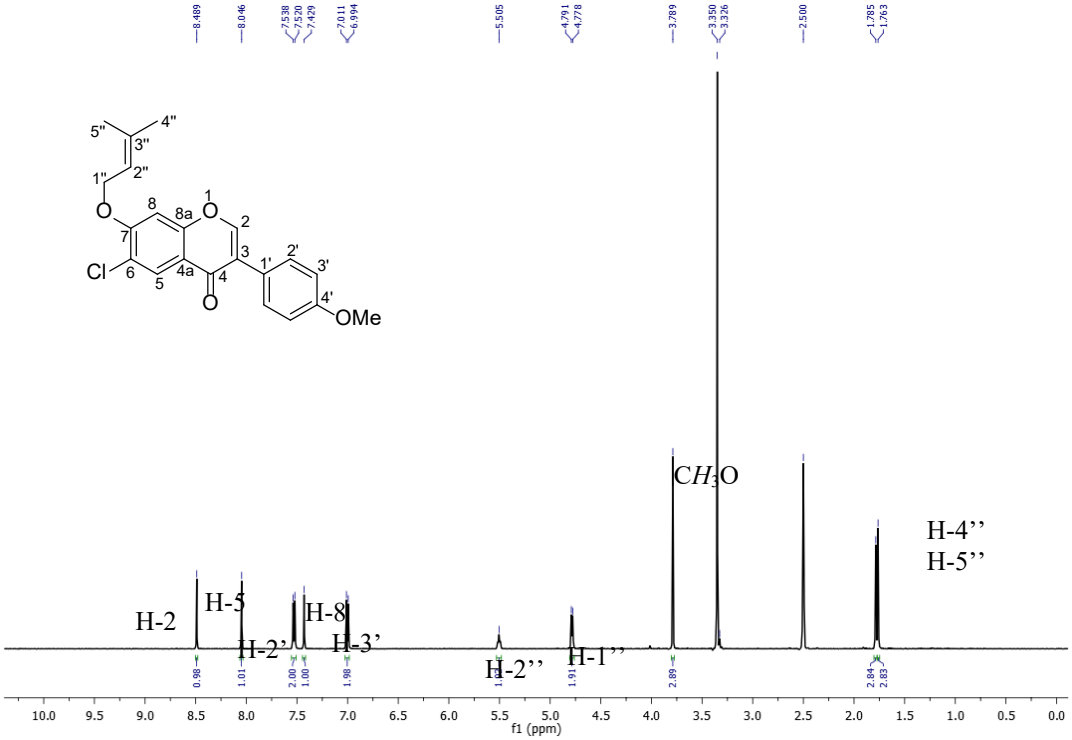

Fig. S17. [1]H-NMR spectra of compound **5c** (600 MHz, DMSO-d_6).

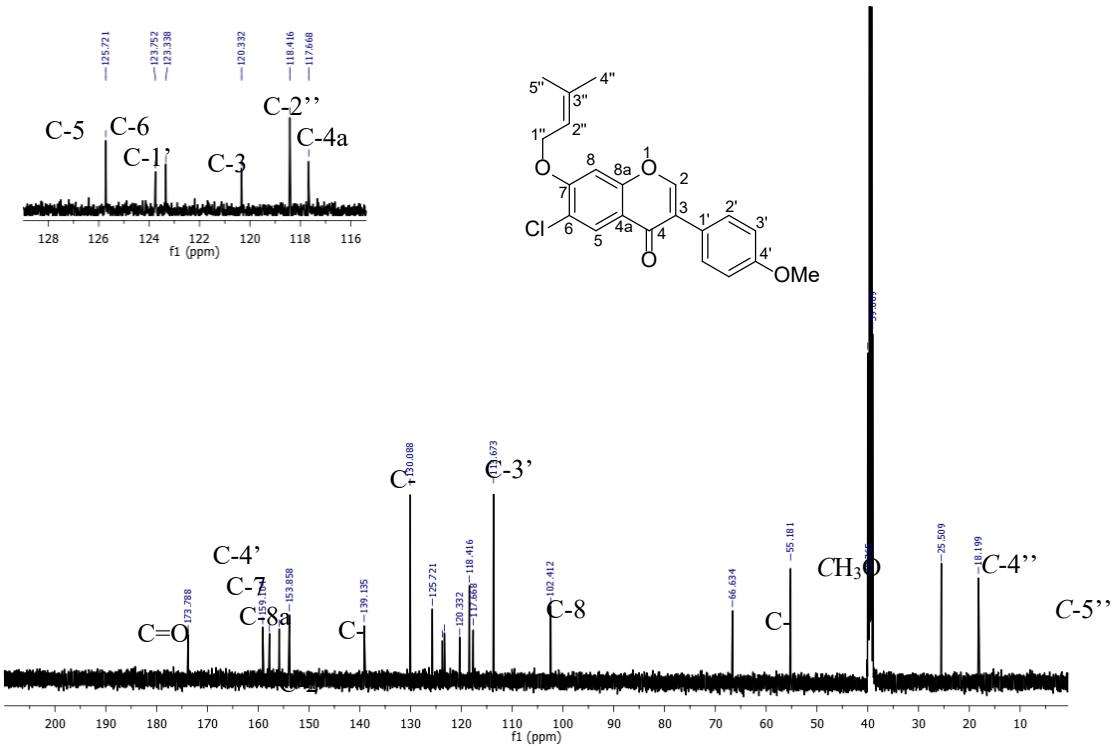

Fig. S18. [13]C-NMR spectra of compound **5c** (150 MHz, DMSO-d_6).