Supporting Information

Separation of flavonoids with significant biological activity from *Acacia mearnsii* leaves

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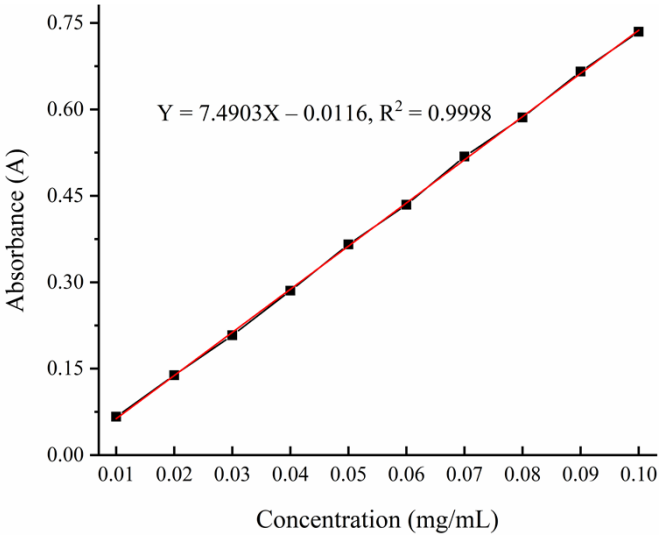

Fig. S1 The standard curve of rutin.

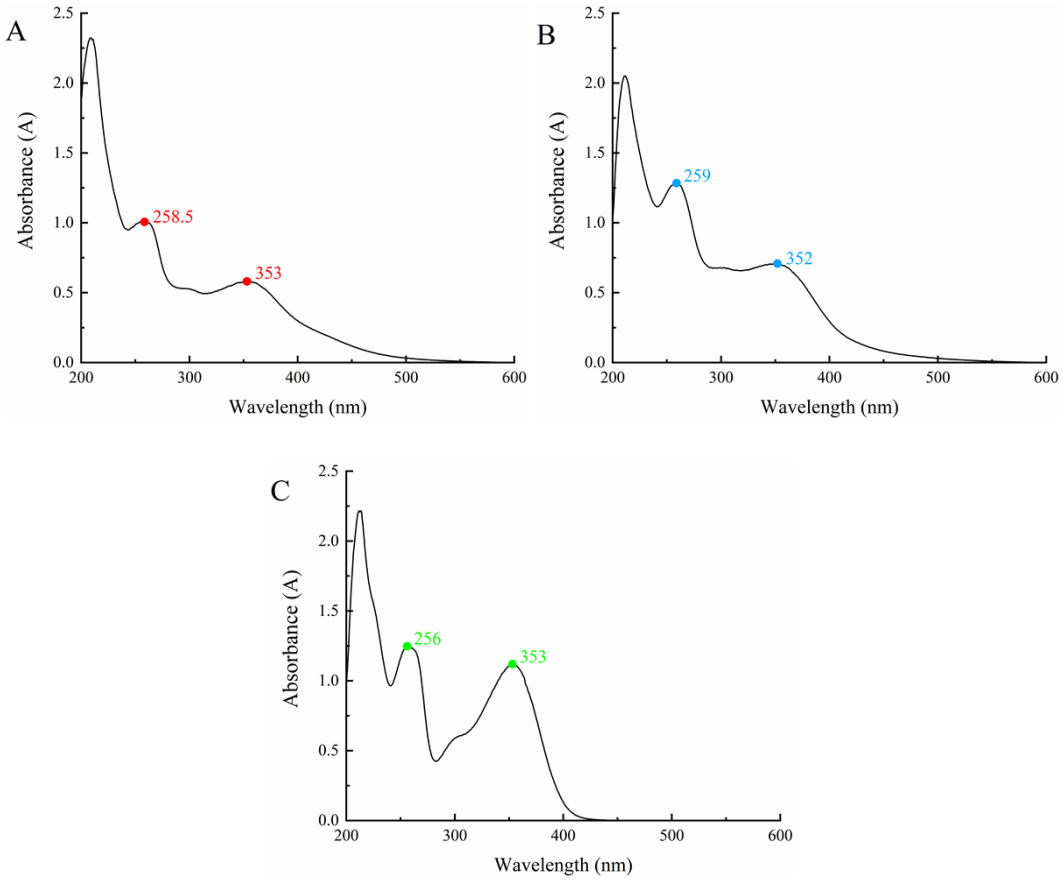

Fig. S2 UV-Vis spectra of W1 (myricetin-3-O-glucoside) (A), W2 (myricetin-3-O-arabinoside) (B), and W3 (myricitrin) (C).

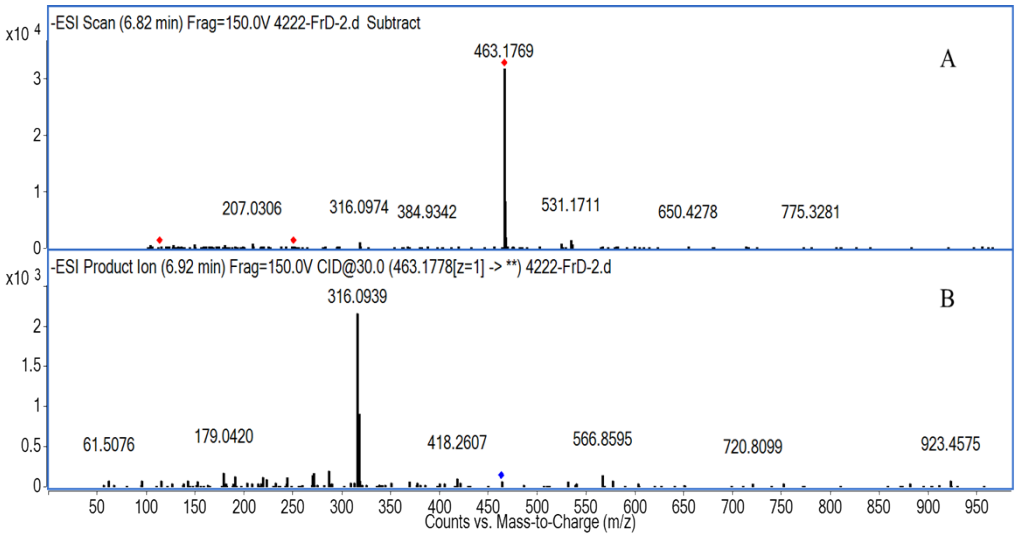

Fig. S3 MS spectrum of W3 (myricitrin) (A) and MS/MS spectrum of W3 (B).

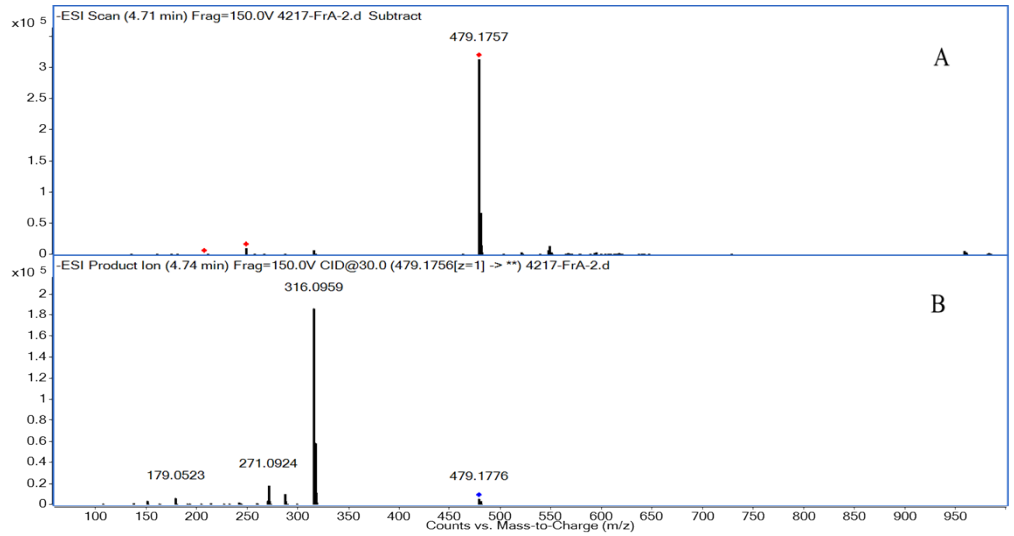

Fig. S4 MS spectrum of W1 (myricetin-3-O-glucoside) (A) and MS/MS spectrum of W1 (B).

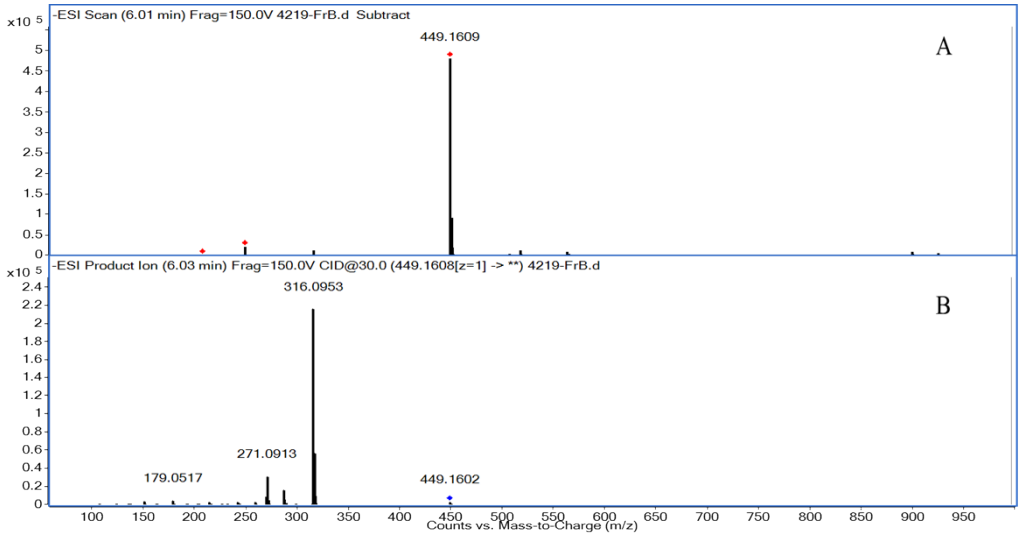

Fig. S5 MS spectrum of W2 (myricetin-3-O-arabinoside) (A) and MS/MS spectrum of W2 (B).

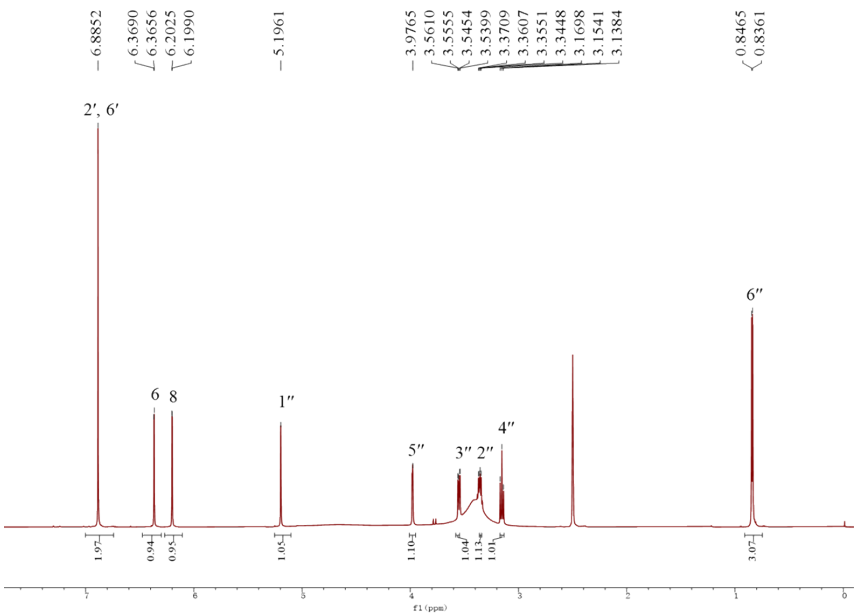

Fig. S6 ^{1}H-NMR spectrum of W3 (myricitrin) (600 MHz, DMSO-d_6).

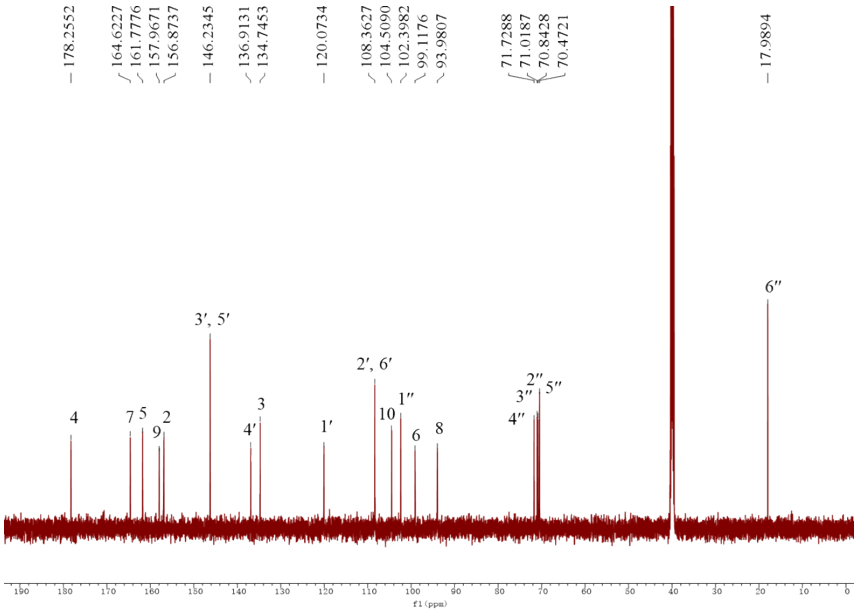

Fig. S7 ^{13}C-NMR spectrum of W3 (myricitrin) (150 MHz, DMSO-d_6).

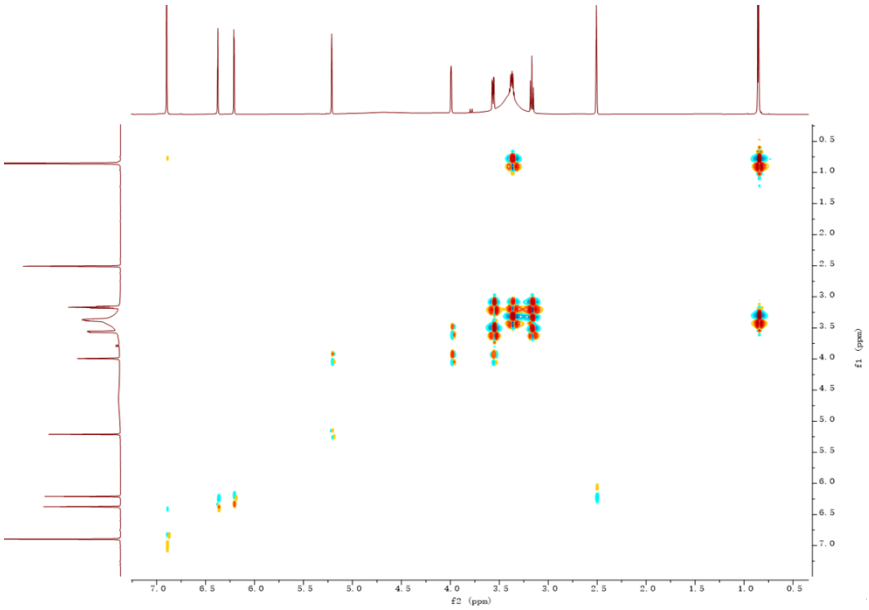

Fig. S8 ^{1}H-^{1}H COSY spectrum of W3 (myricitrin).

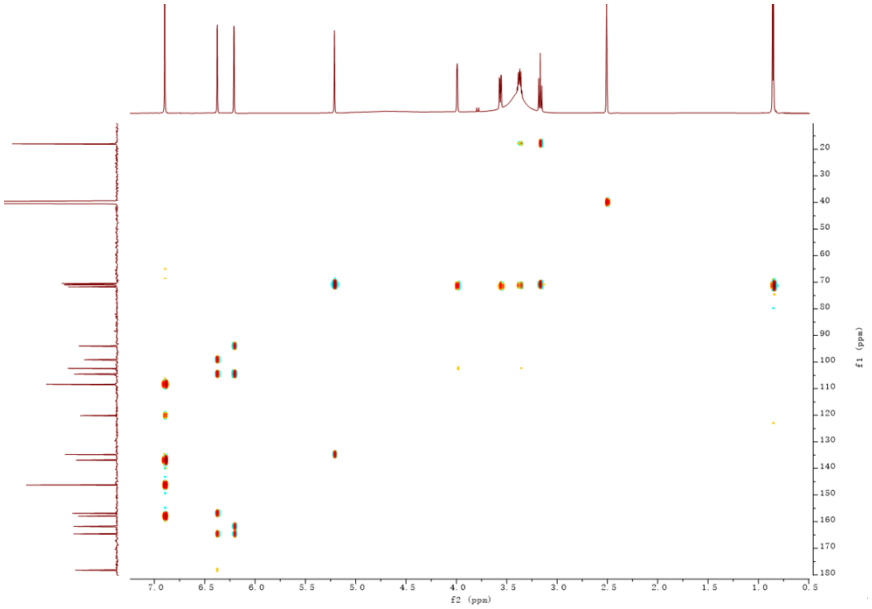

Fig. S9 HMBC spectrum of W3 (myricitrin).

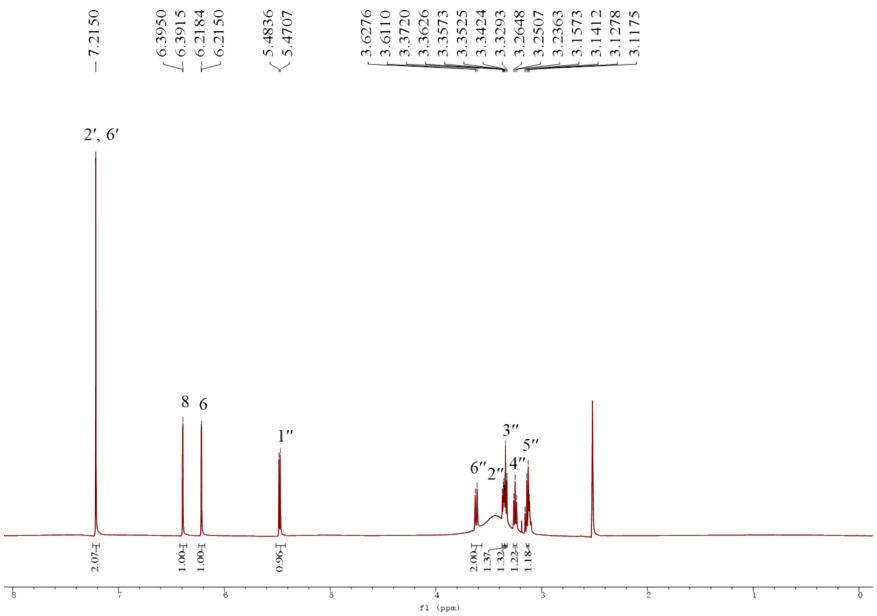

Fig. S10 ^{1}H-NMR spectrum of W1 (myricetin-3-O-glucoside) (600 MHz, DMSO-d_6).

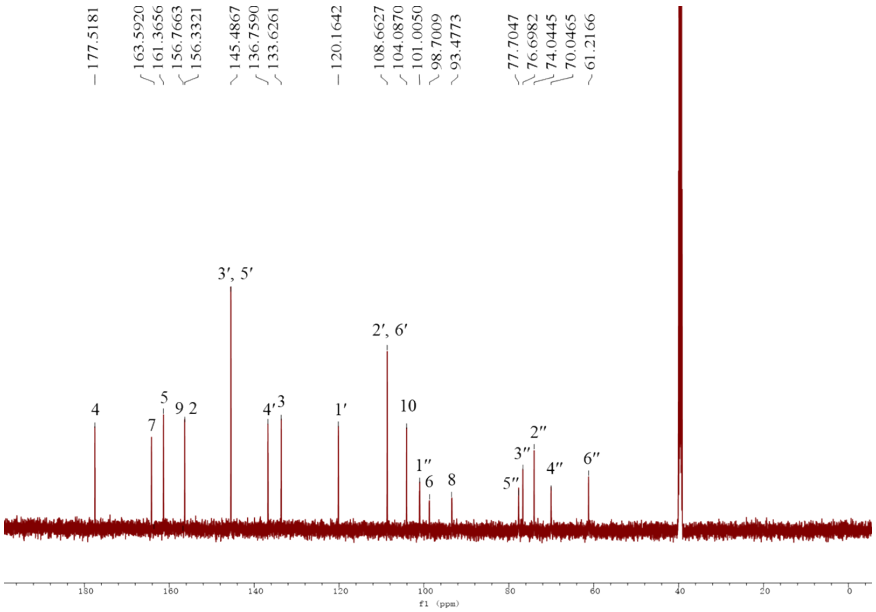

Fig. S11 ^{13}C-NMR spectrum of W1 (myricetin-3-O-glucoside) (150 MHz, DMSO-d_6).

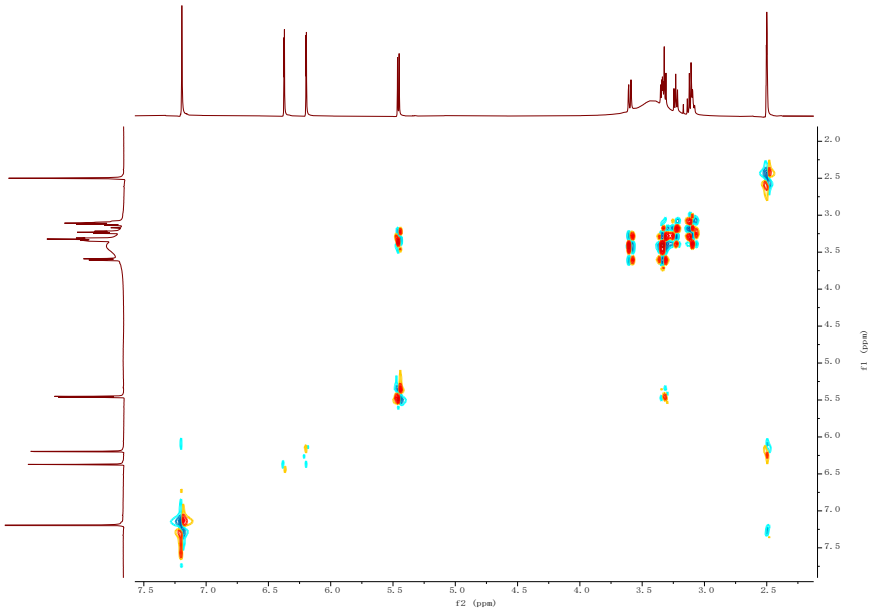

Fig. S12 ^{1}H-^{1}H COSY spectrum of W1 (myricetin-3-O-glucoside).

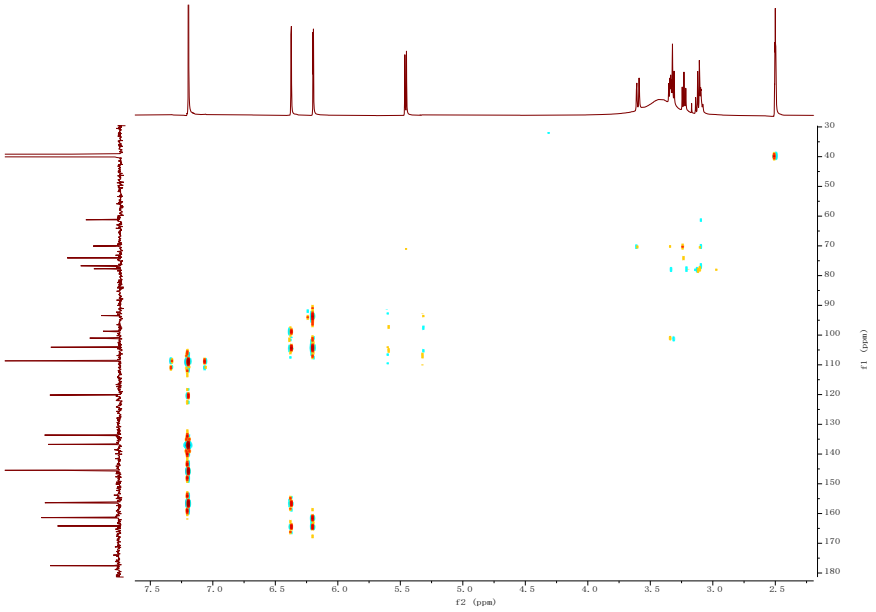

Fig. S13 HMBC spectrum of W1 (myricetin-3-O-glucoside).