

Supplementary Materials

Figure S1. HREIMS spectrum of Pestalafuranone F (**3**).

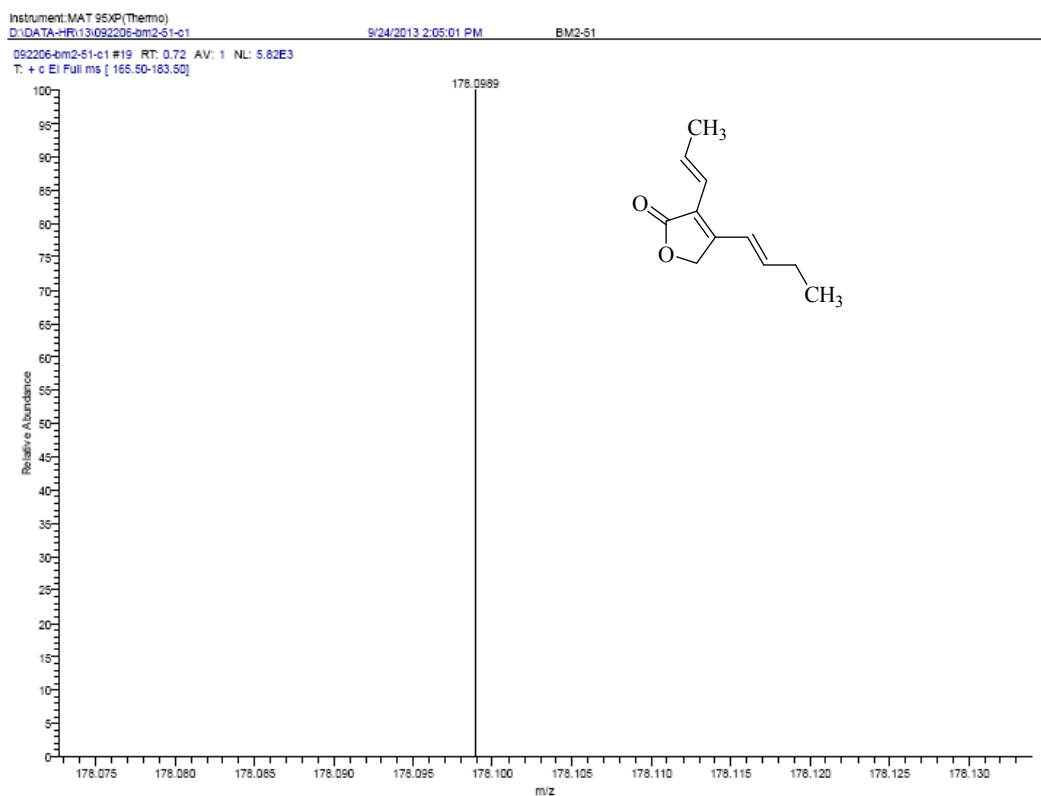


Figure S2. ^1H -NMR spectrum of Pestalafuranone F (**3**) (400 MHz, CDCl_3).

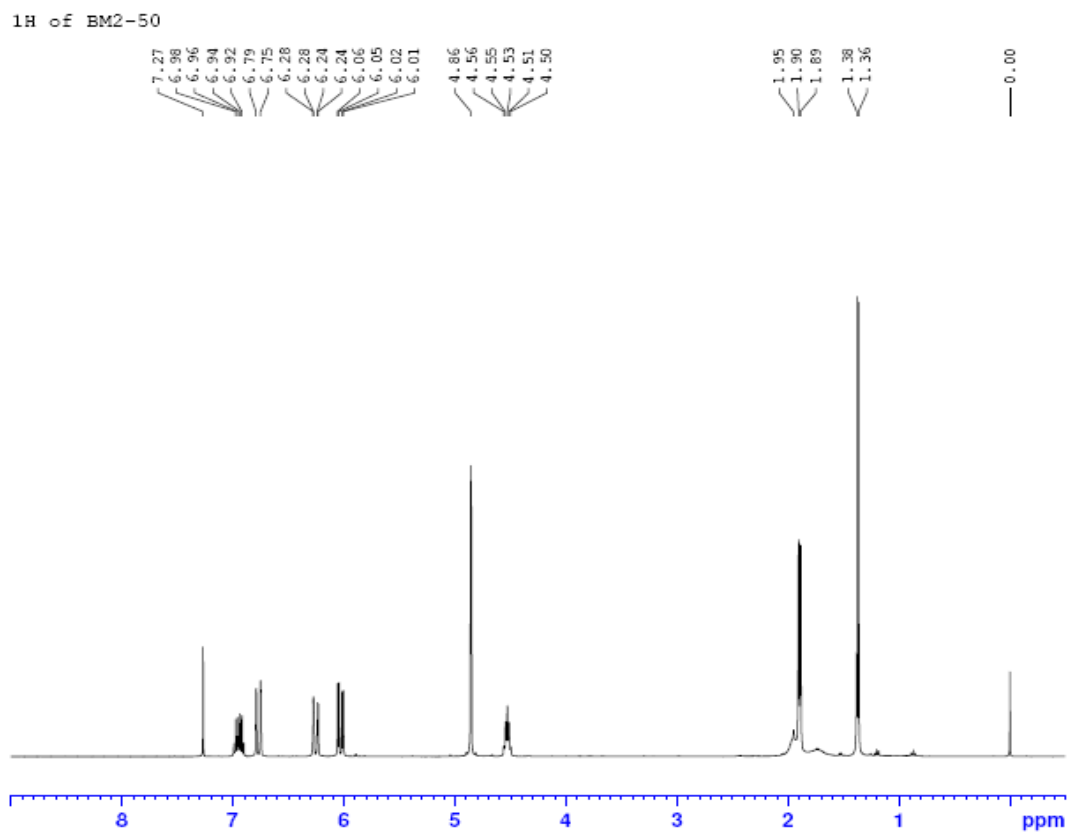


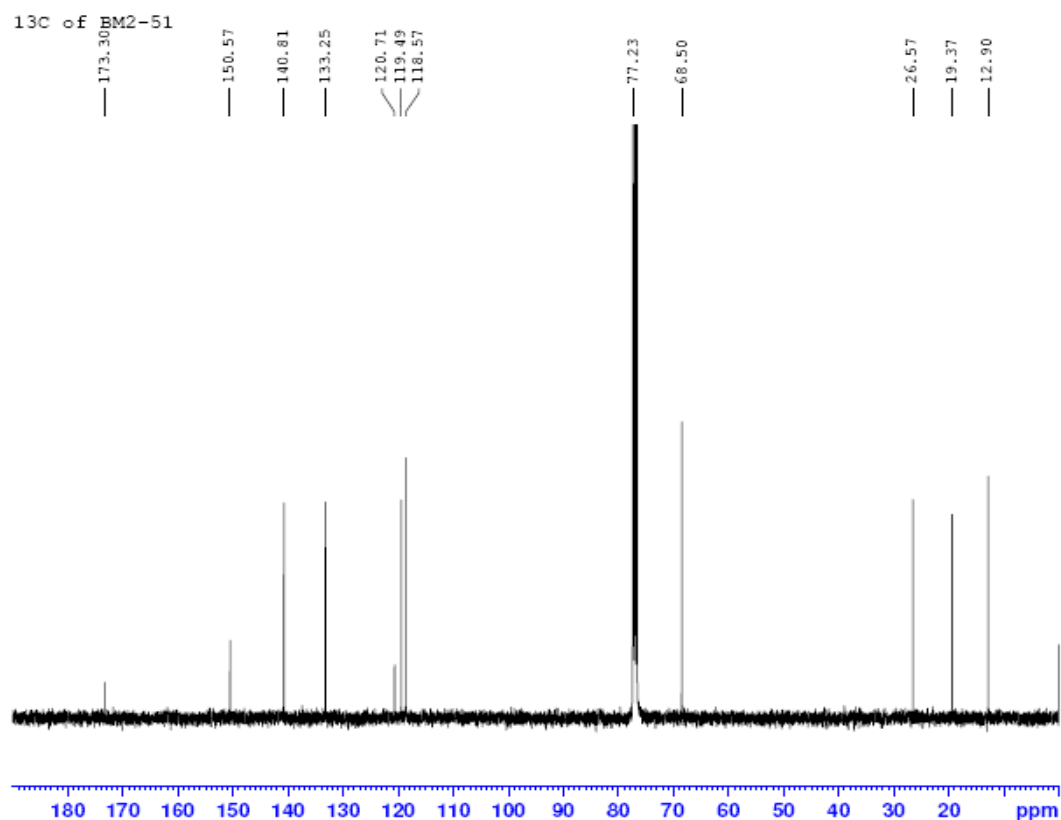
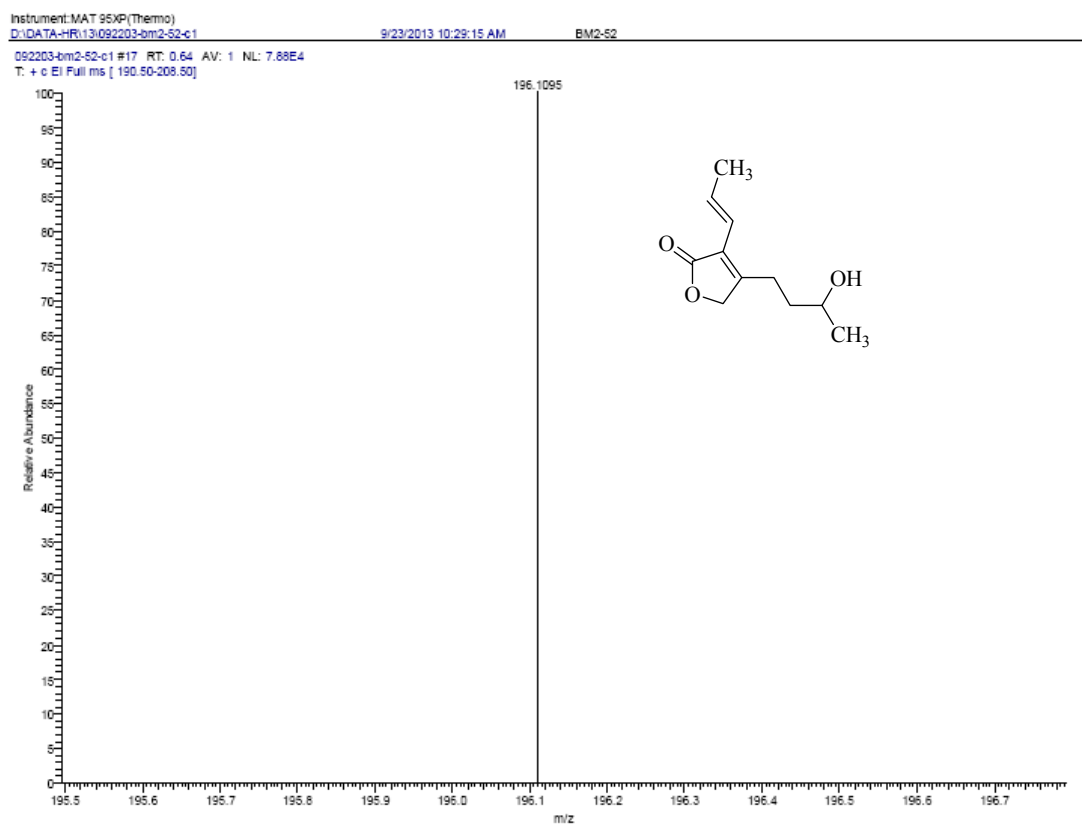
Figure S3. ^{13}C -NMR spectrum of Pestalafuranone F (**3**) (100 MHz, CDCl_3).**Figure S4.** HREIMS spectrum of Pestalafuranone G (**4**).

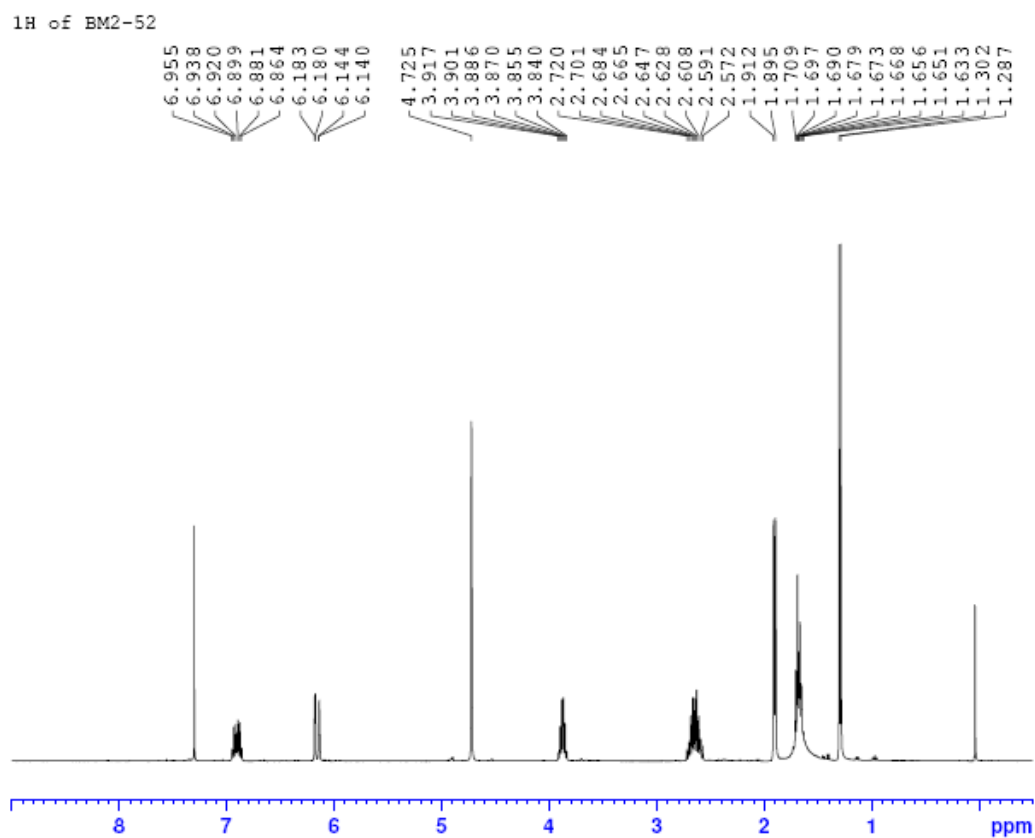
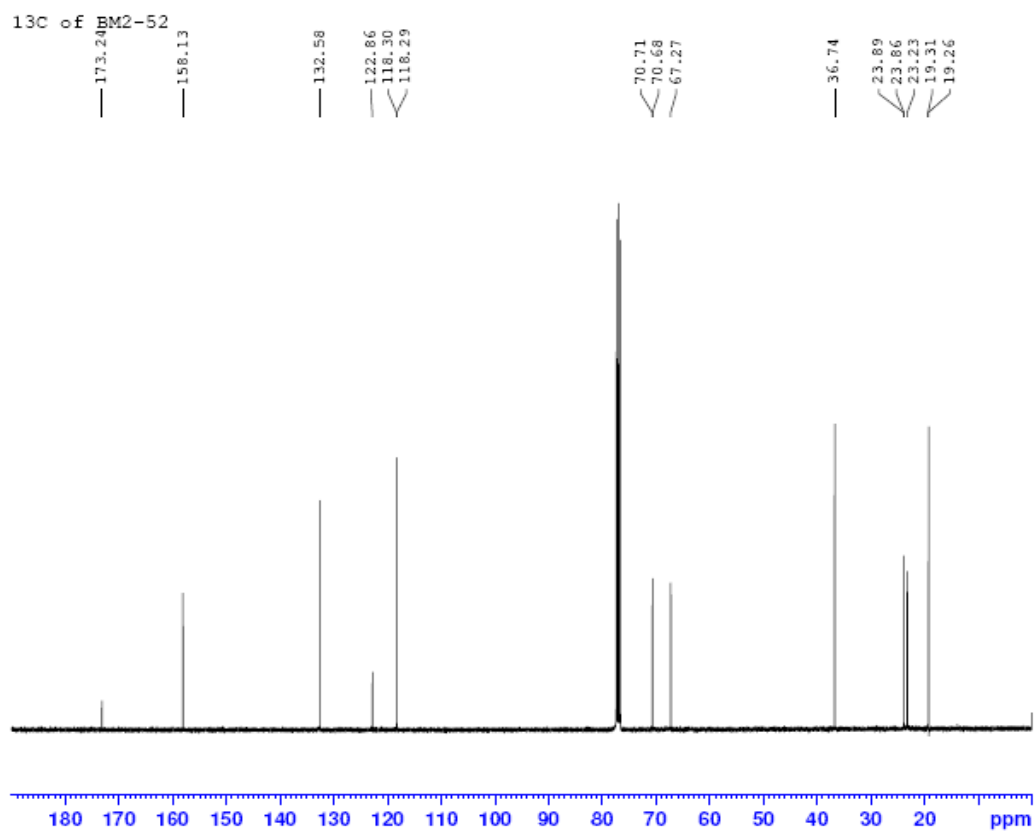
Figure S5. ^1H -NMR spectrum of Pestalafuranone G (**4**) (400 MHz, CDCl_3).**Figure S6.** ^{13}C -NMR spectrum of Pestalafuranone G (**4**) (100 MHz, CDCl_3).

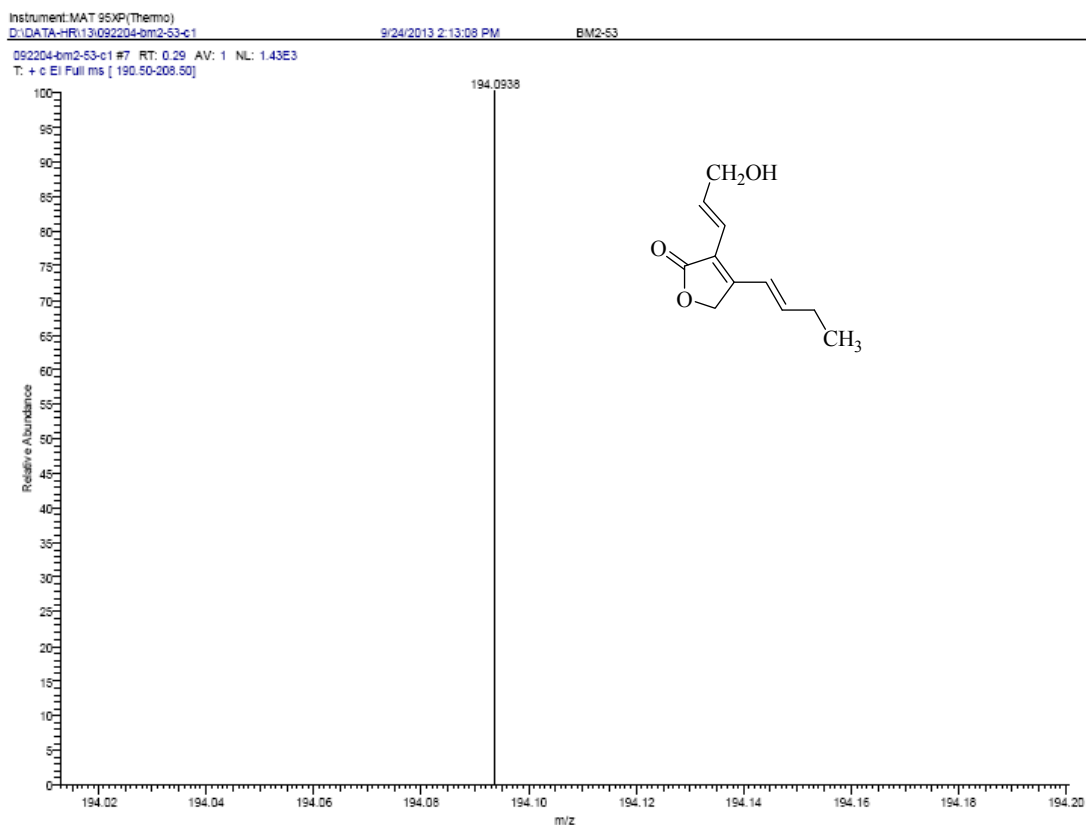
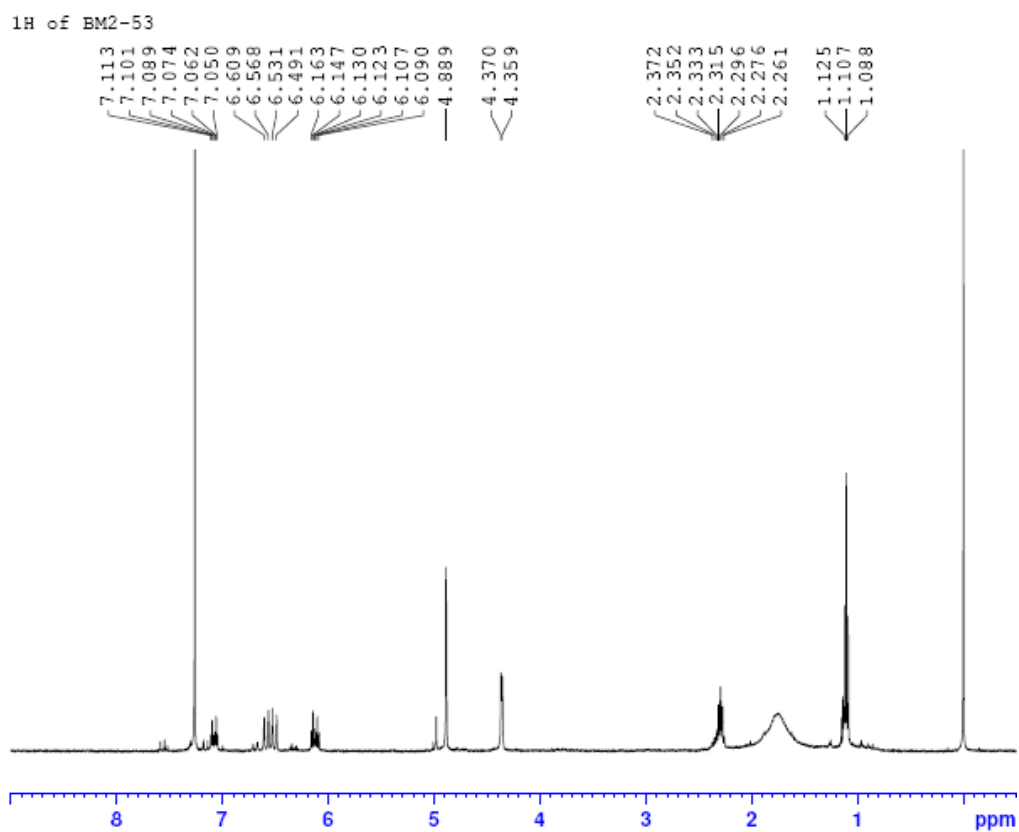
Figure S7. HREIMS spectrum of Pestalafuranone H (**5**).**Figure S8.** ¹H-NMR spectrum of Pestalafuranone H (**5**) (400 MHz, CDCl₃).

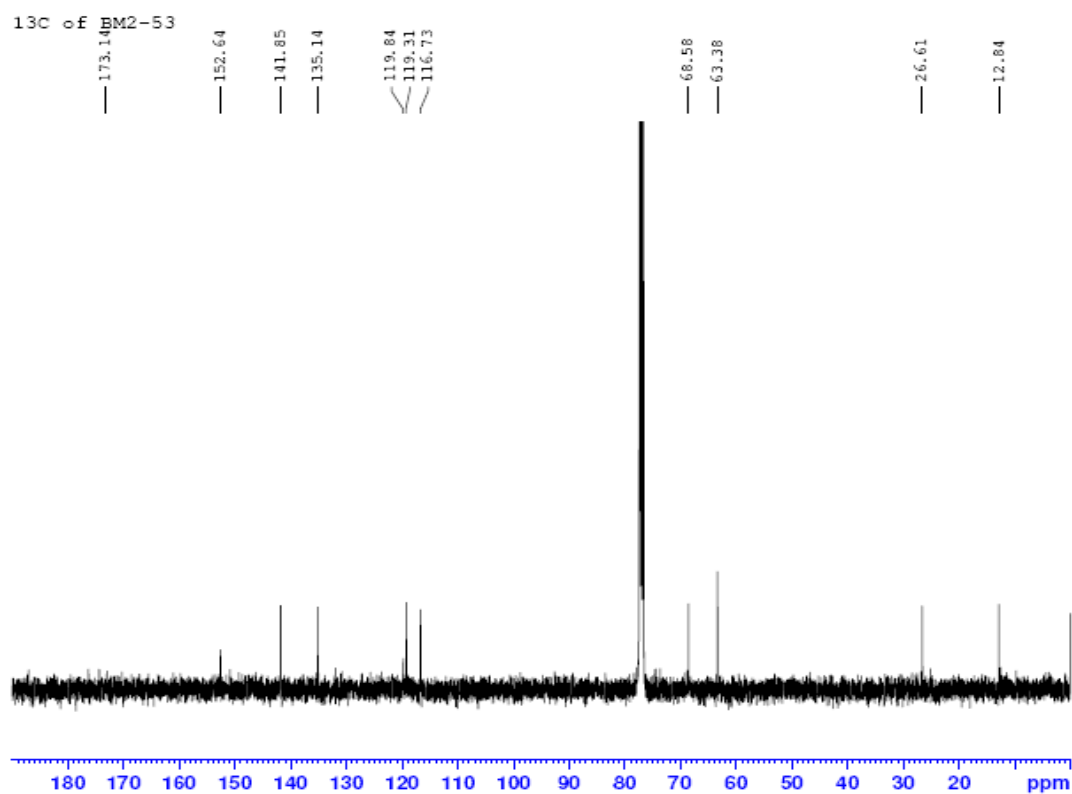
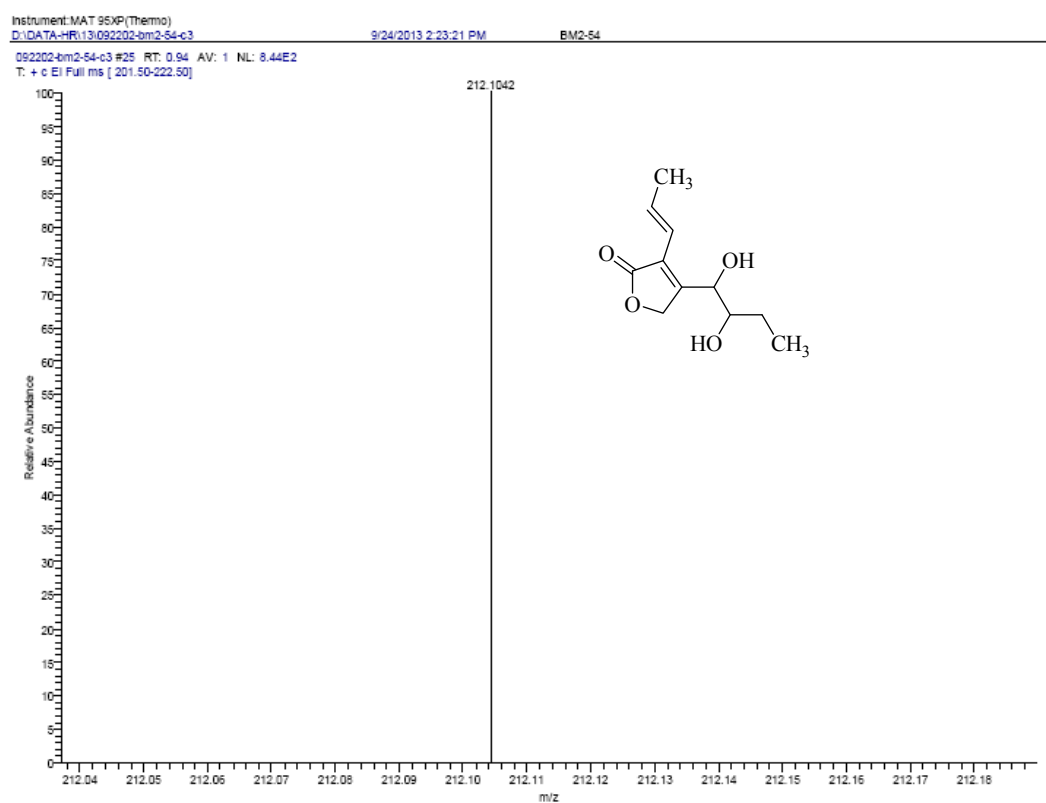
Figure S9. ^{13}C -NMR spectrum of Pestalafuranone H (**5**) (100 MHz, CDCl_3).**Figure S10.** HREIMS spectrum of Pestalafuranone I (**6**).

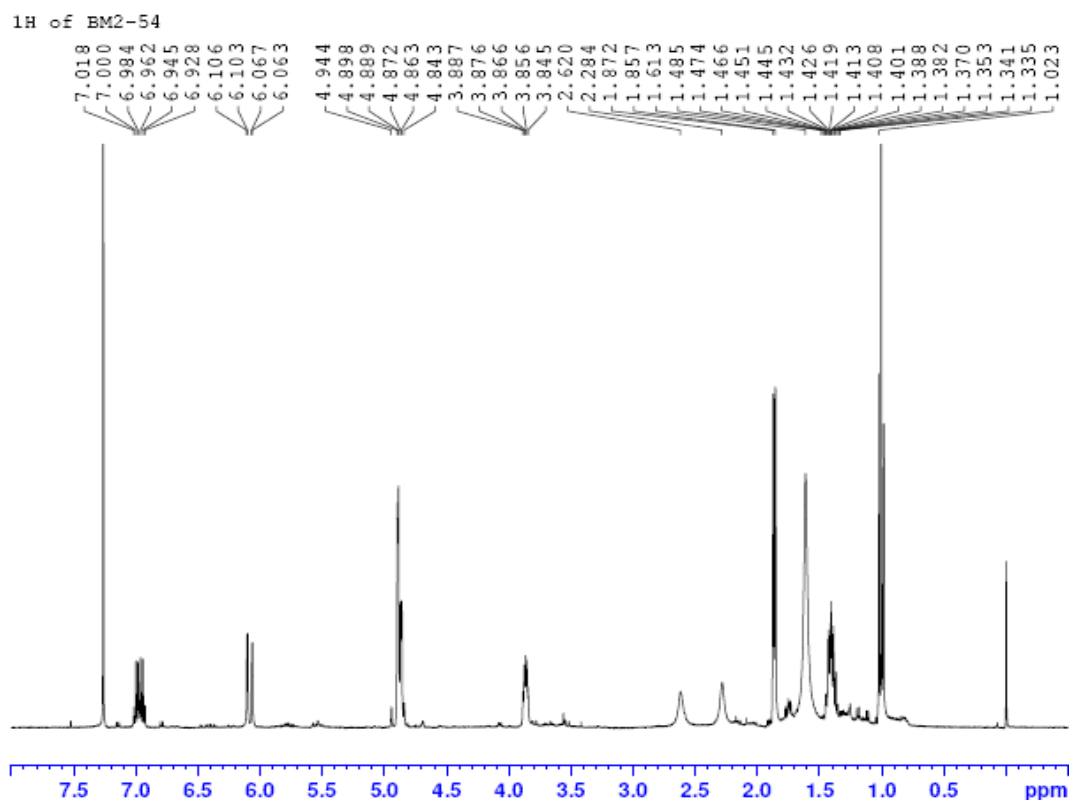
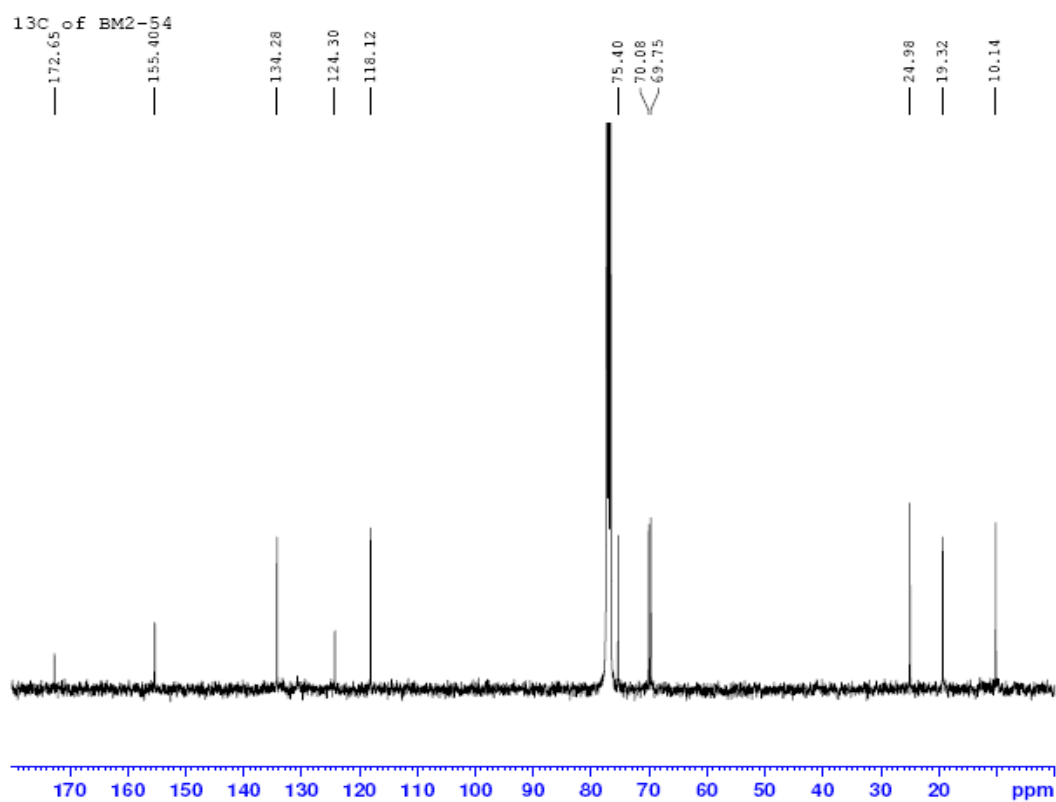
Figure S11. ^1H -NMR spectrum of Pestalafuranone I (**6**) (400 MHz, CDCl_3).**Figure S12.** ^{13}C -NMR spectrum of Pestalafuranone I (**6**) (100 MHz, CDCl_3).

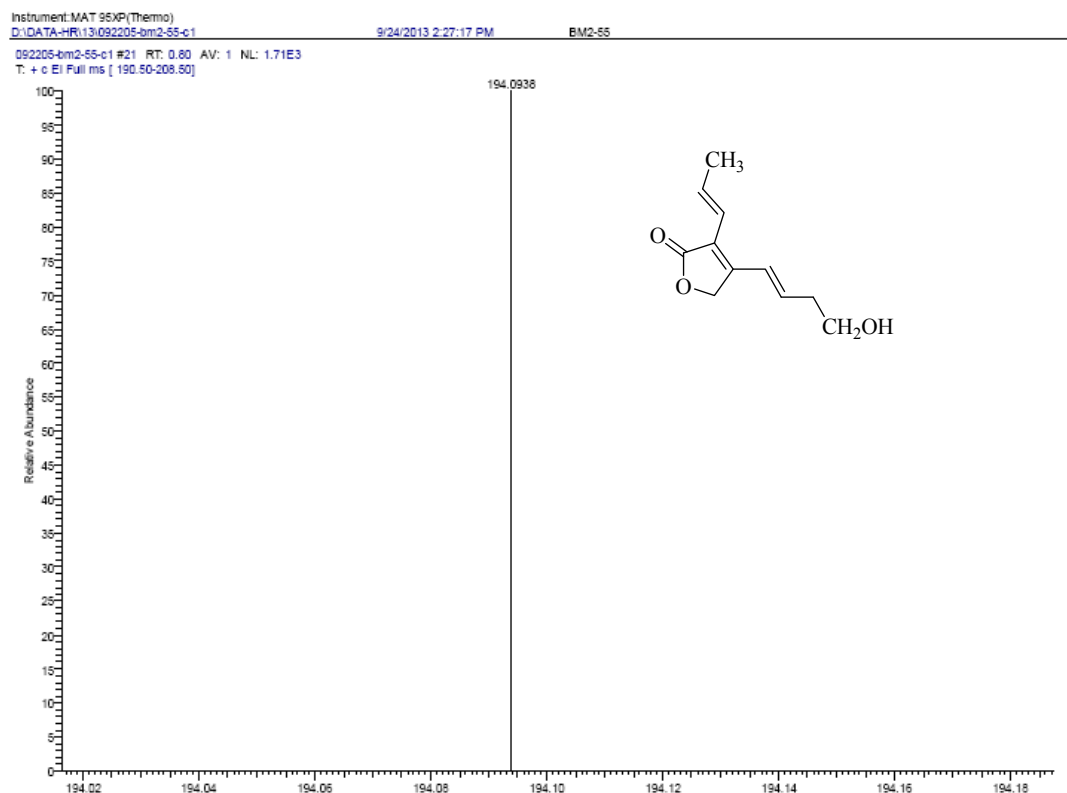
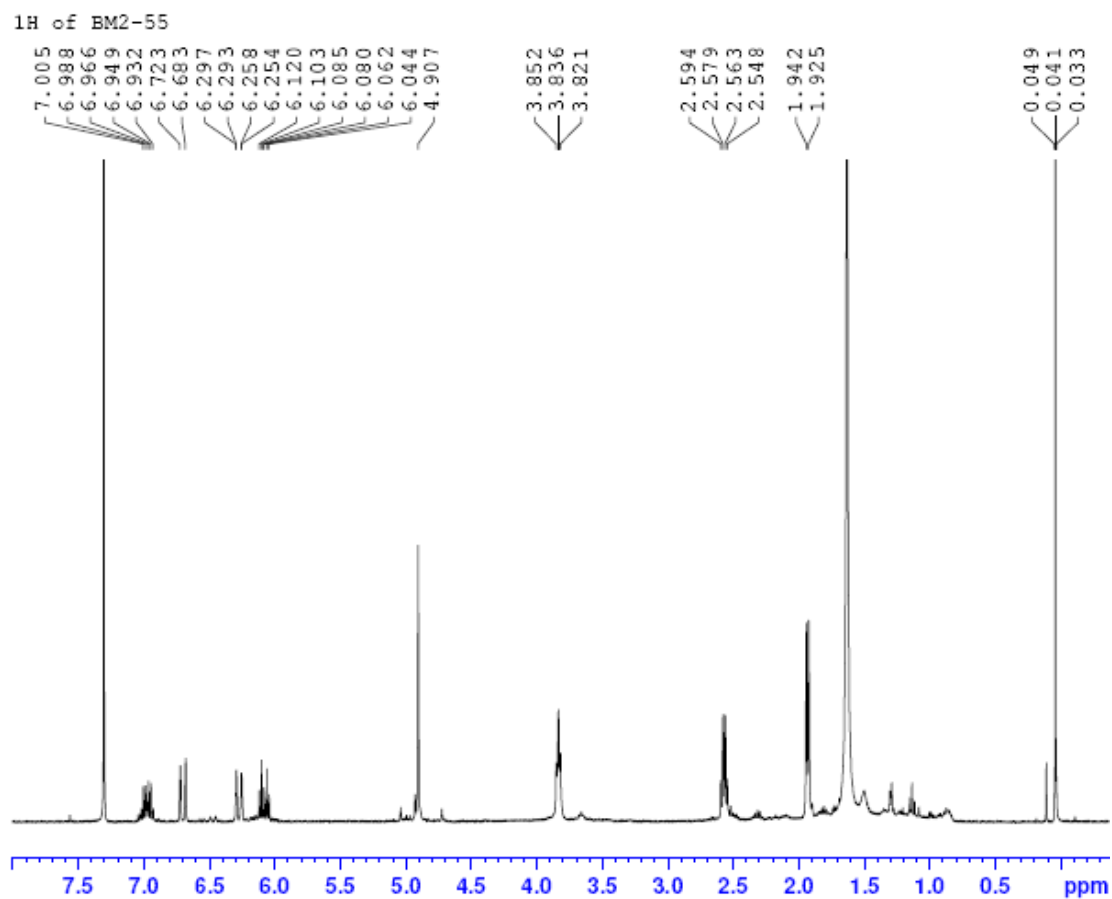
Figure S13. HREIMS spectrum of Pestalafuranone J (7).**Figure S14.** ^1H -NMR spectrum of Pestalafuranone J (7) (400 MHz, CDCl_3).

Figure S15. ^{13}C -NMR spectrum of Pestalafuranone J (7) (100 MHz, CDCl_3).