

# Supplementary Information

## Amburanins A and B from *Amburana cearensis*: Daphnodorin-Type Biflavonoids that Modulate Human Neutrophil Degranulation

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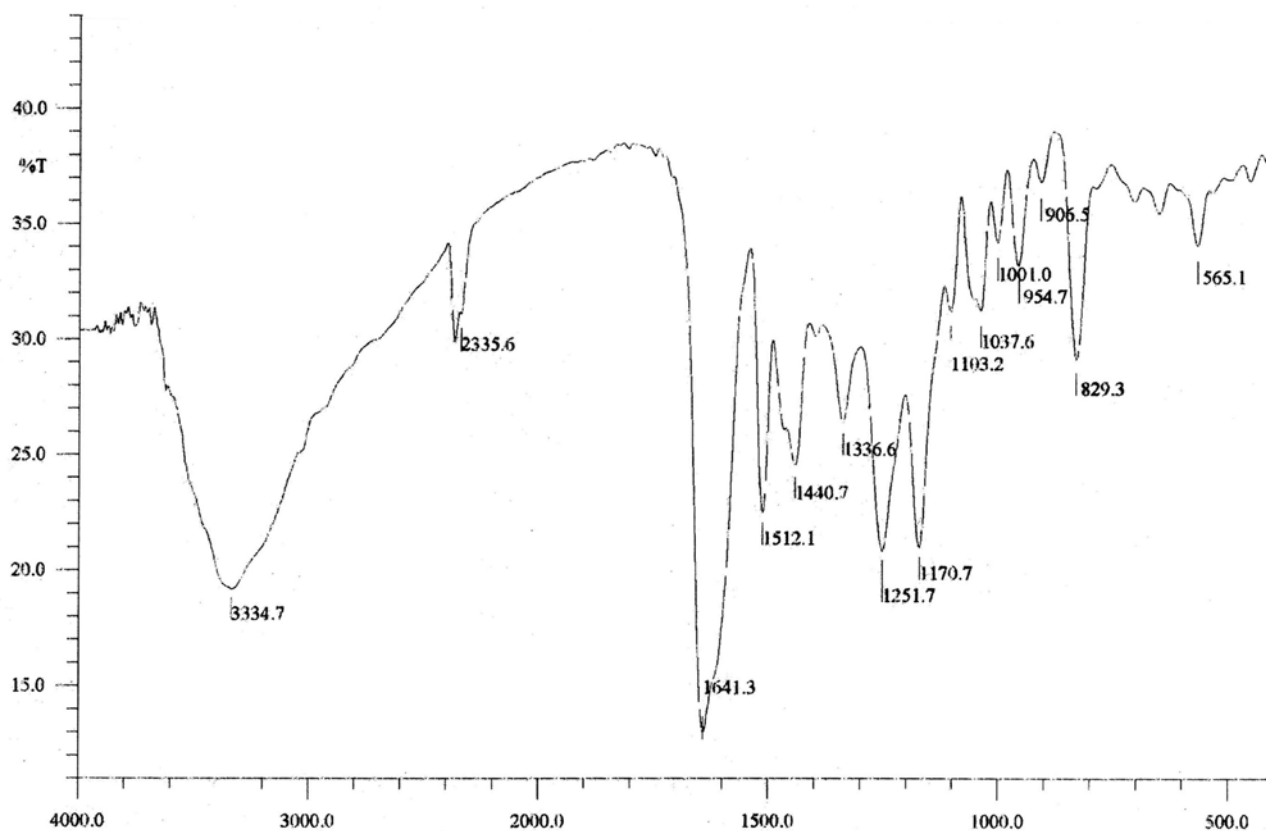


Figure S1. Infrared spectrum (KBr) of amburanin A (1).

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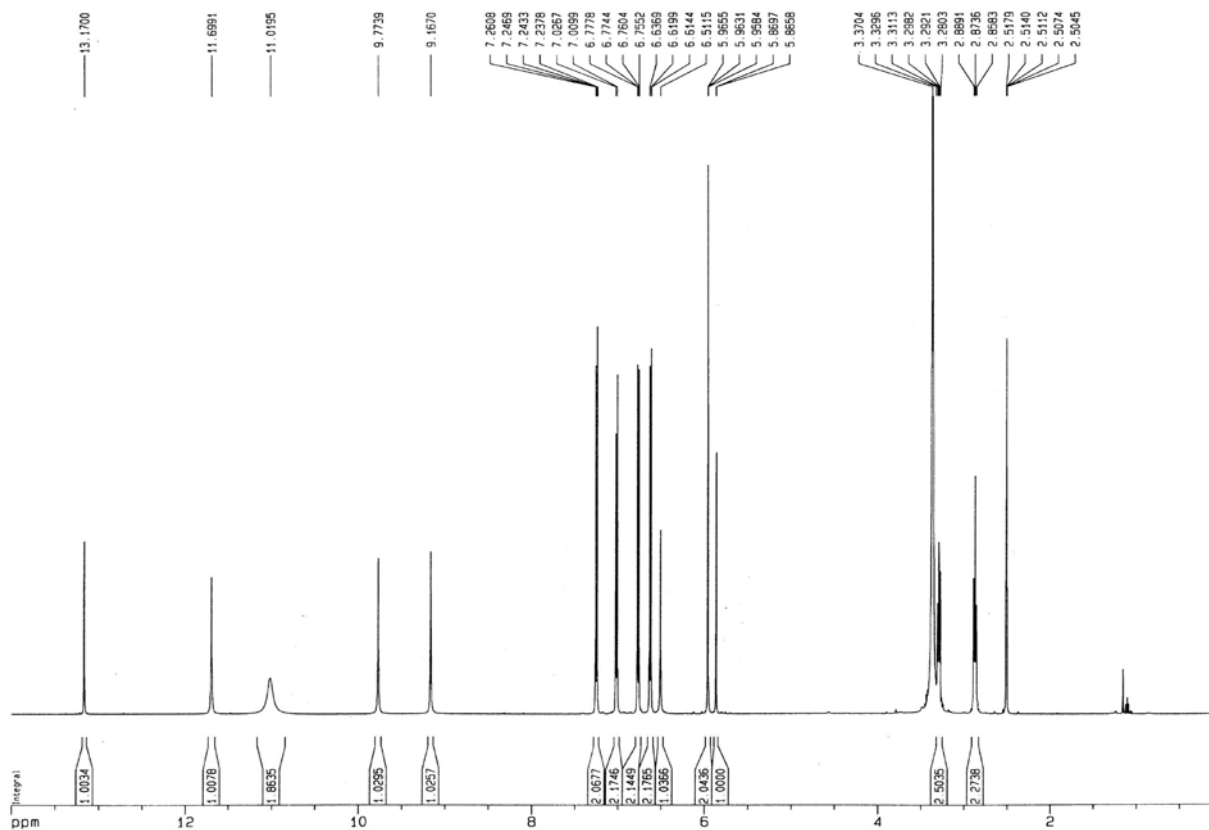


Figure S2.  $^1\text{H}$  NMR spectrum (500 MHz,  $\text{DMSO}-d_6$ ) of amburanin A (**1**).

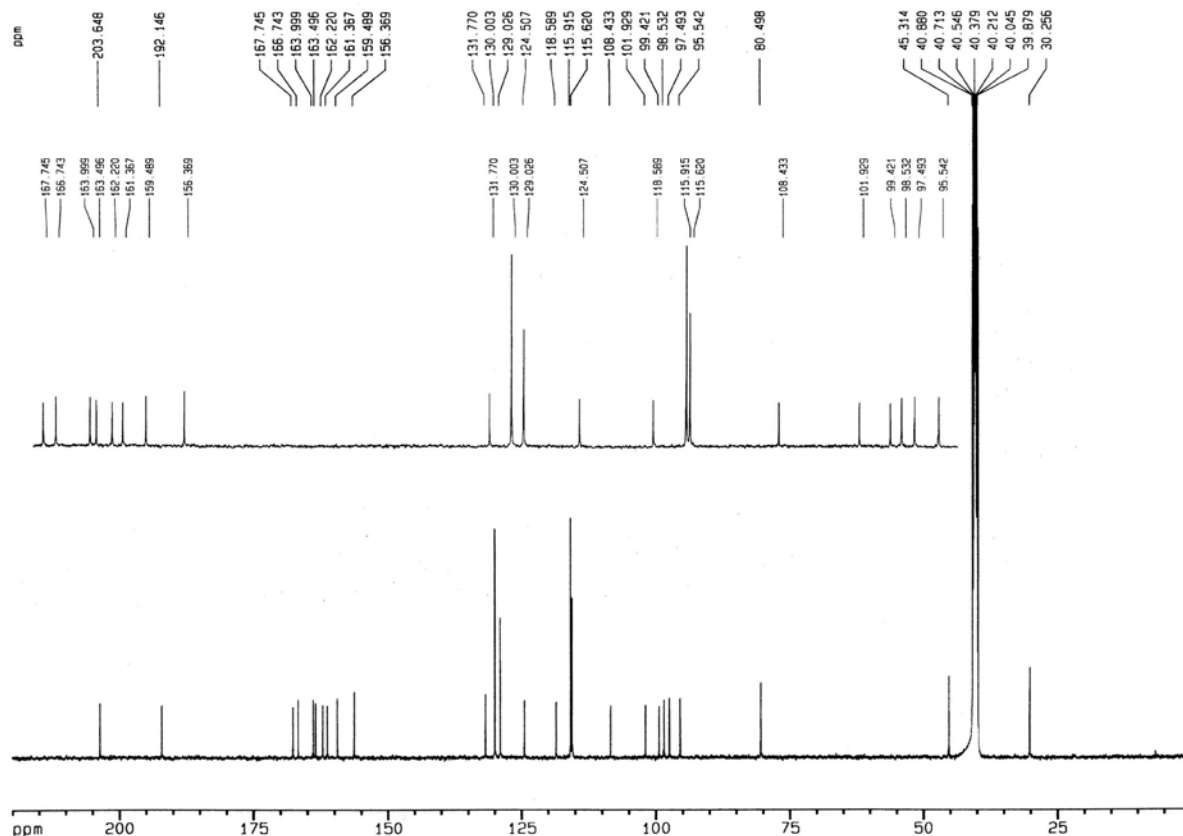


Figure S3.  $^{13}\text{C}$  NMR spectrum (125 MHz,  $\text{DMSO}-d_6$ ) of amburanin A (**1**).

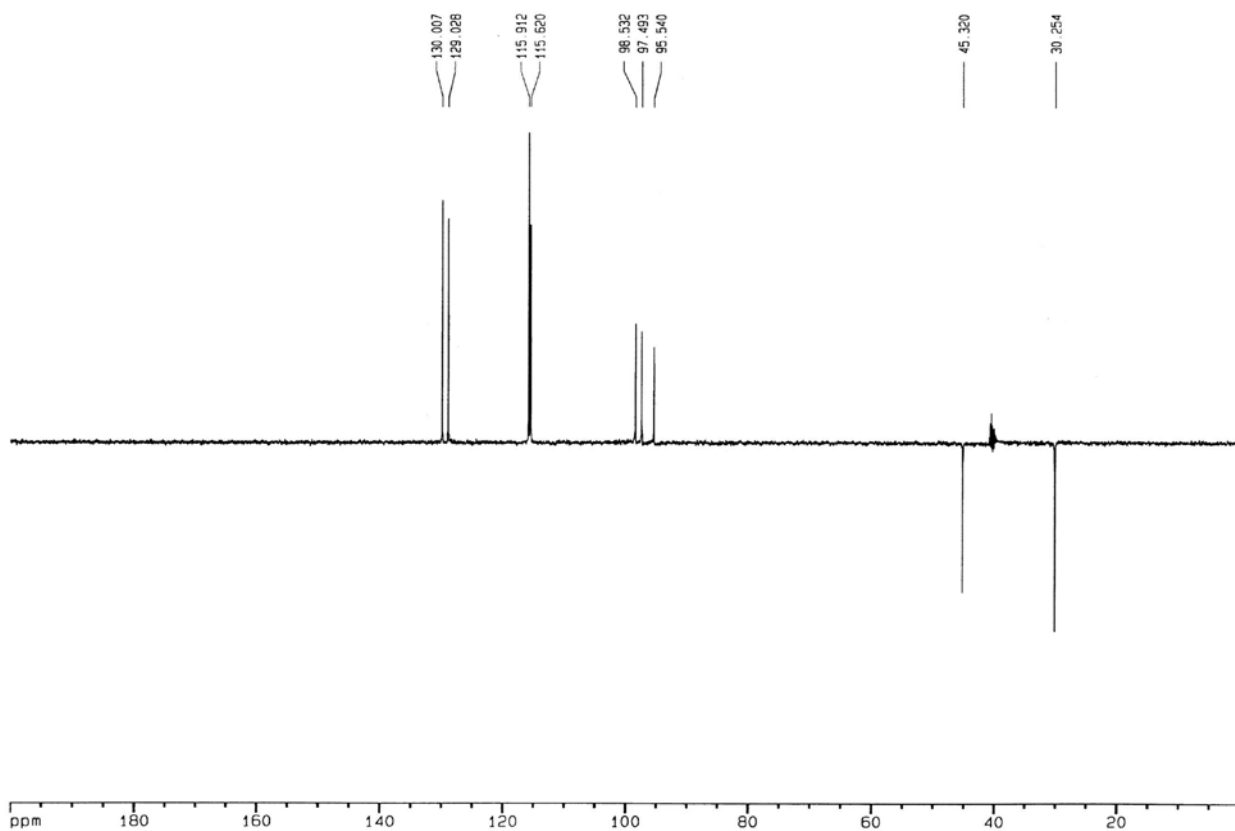


Figure S4.  $^{13}\text{C}$  NMR-DEPT135 spectrum (125 MHz,  $\text{DMSO}-d_6$ ) of amburanin A (1).

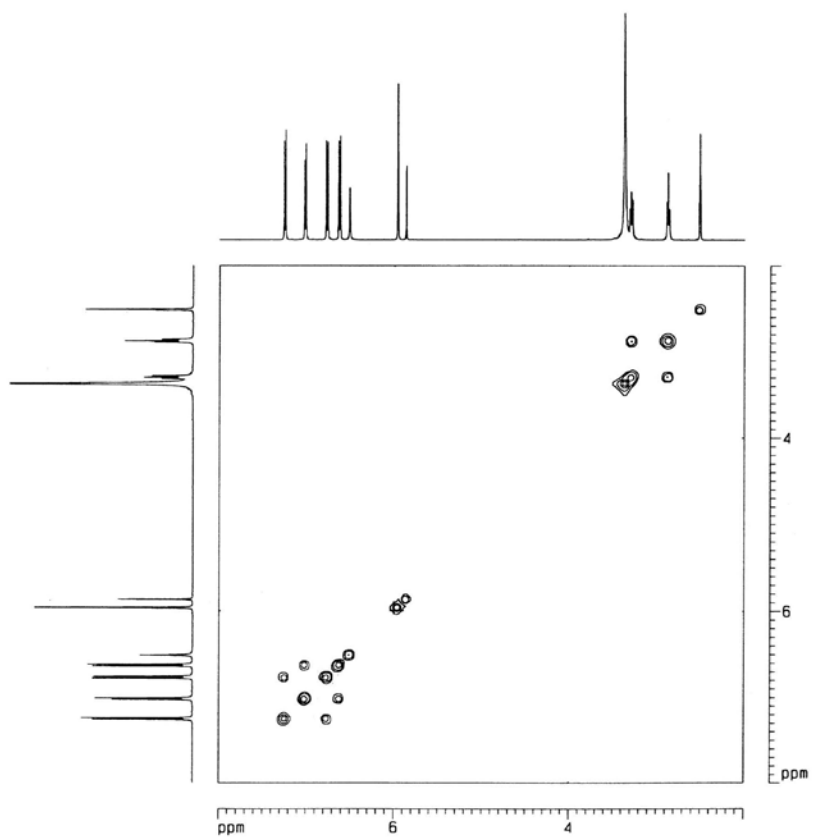


Figure S5.  $^1\text{H}$ ,  $^1\text{H}$  COSY-NMR spectrum ( $500 \times 500$  MHz,  $\text{DMSO}-d_6$ ) of amburanin A (1).

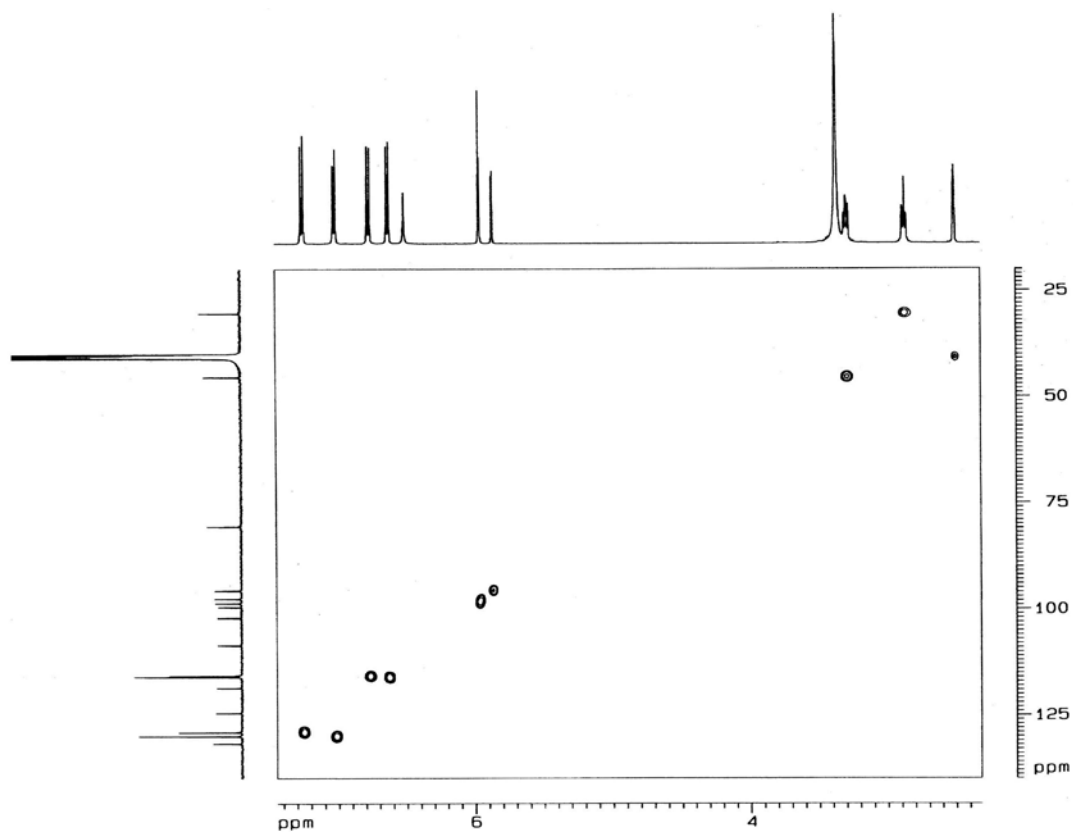


Figure S6.  $^1\text{H}$ ,  $^{13}\text{C}$  HMQC-NMR spectrum (500  $\times$  125 MHz,  $\text{DMSO}-d_6$ ) of Amburanin A (1).

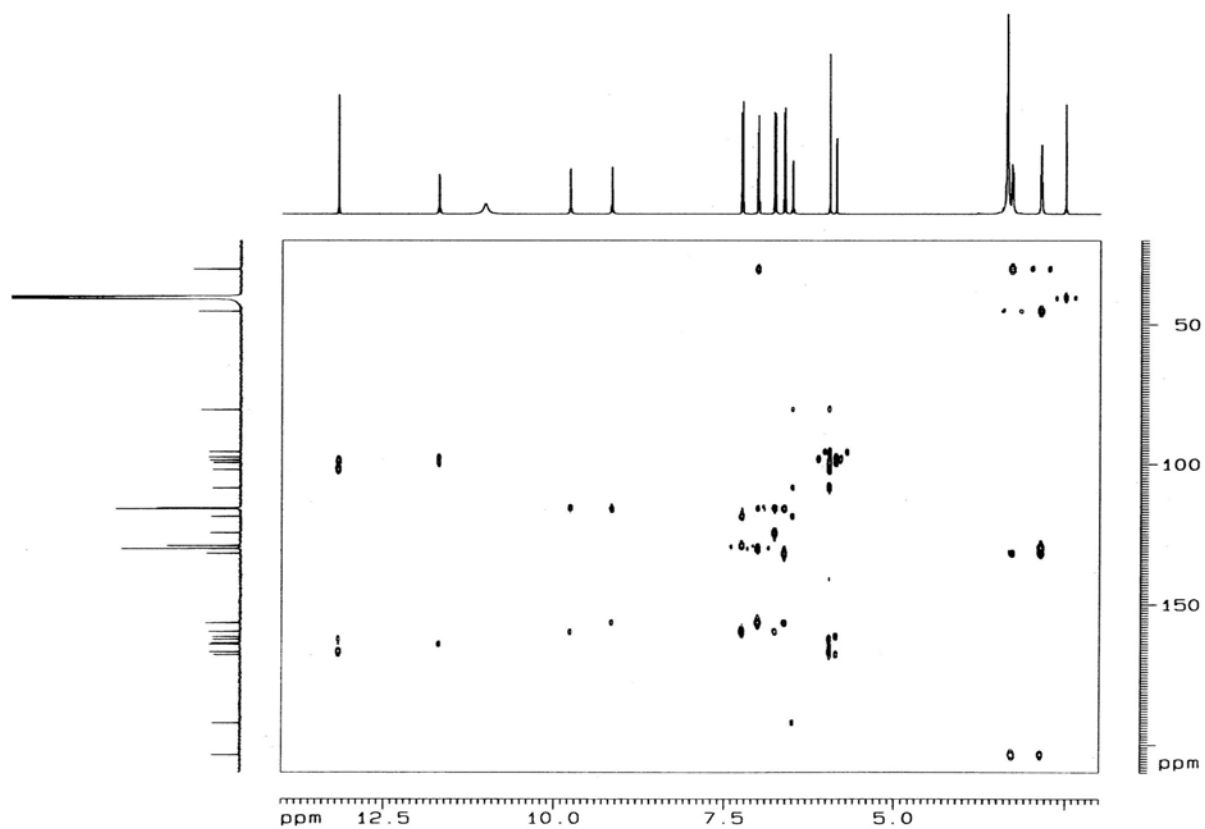


Figure S7.  $^1\text{H}$ ,  $^{13}\text{C}$  HMBC-NMR spectrum (500  $\times$  125 MHz,  $\text{DMSO}-d_6$ ) of amburanin A (1).

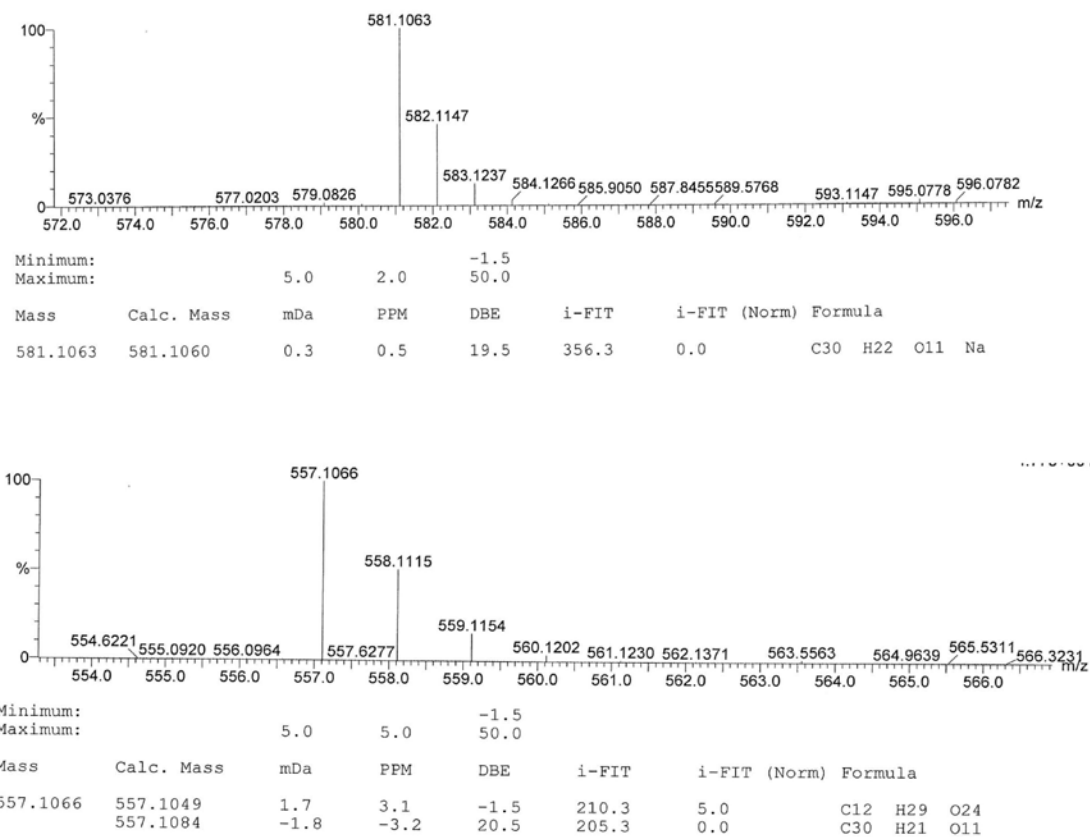


Figure S8. High resolution mass spectrum of amburanin A (1).

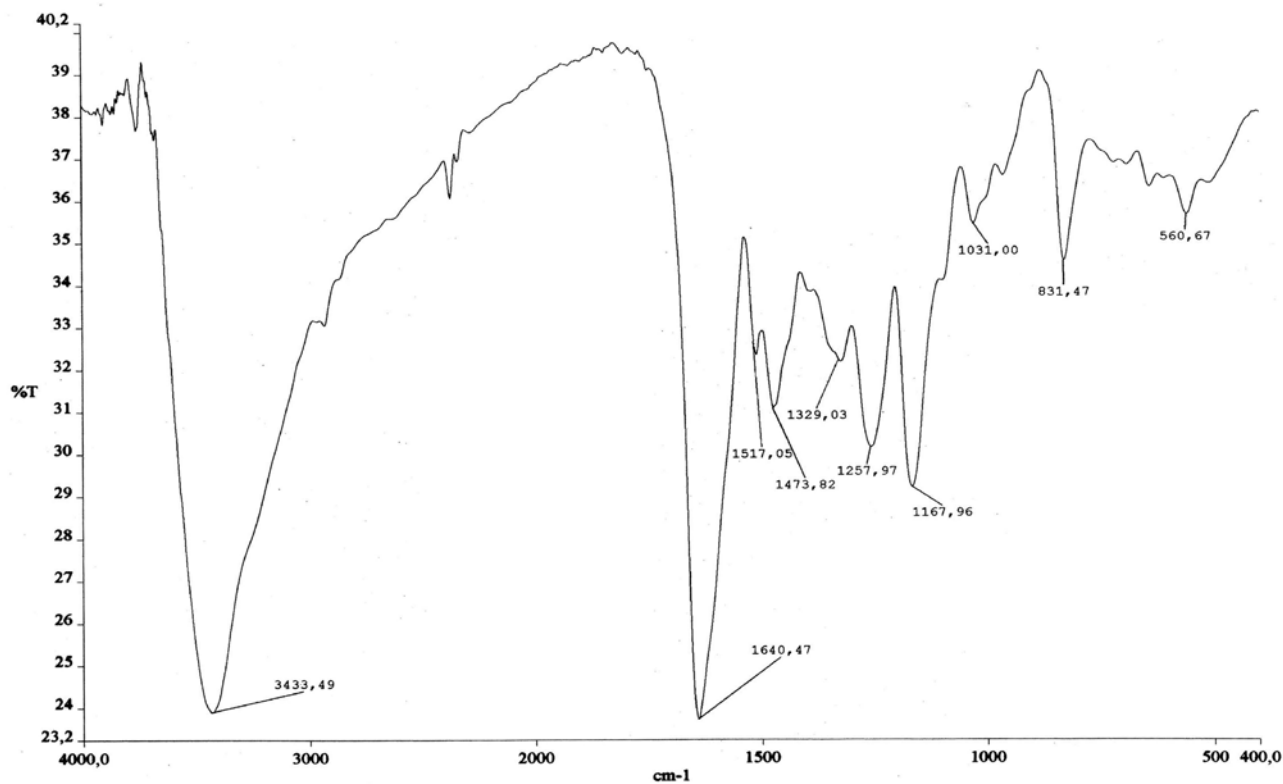
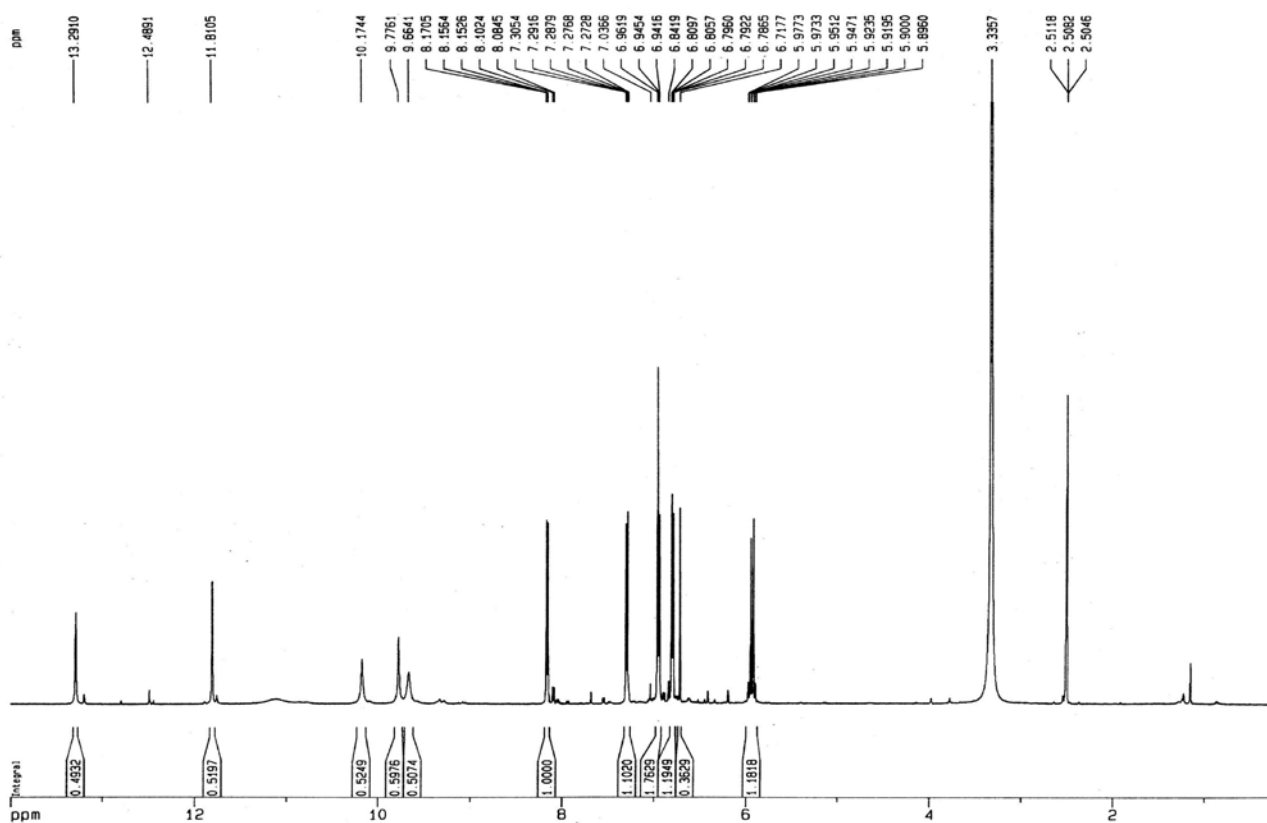
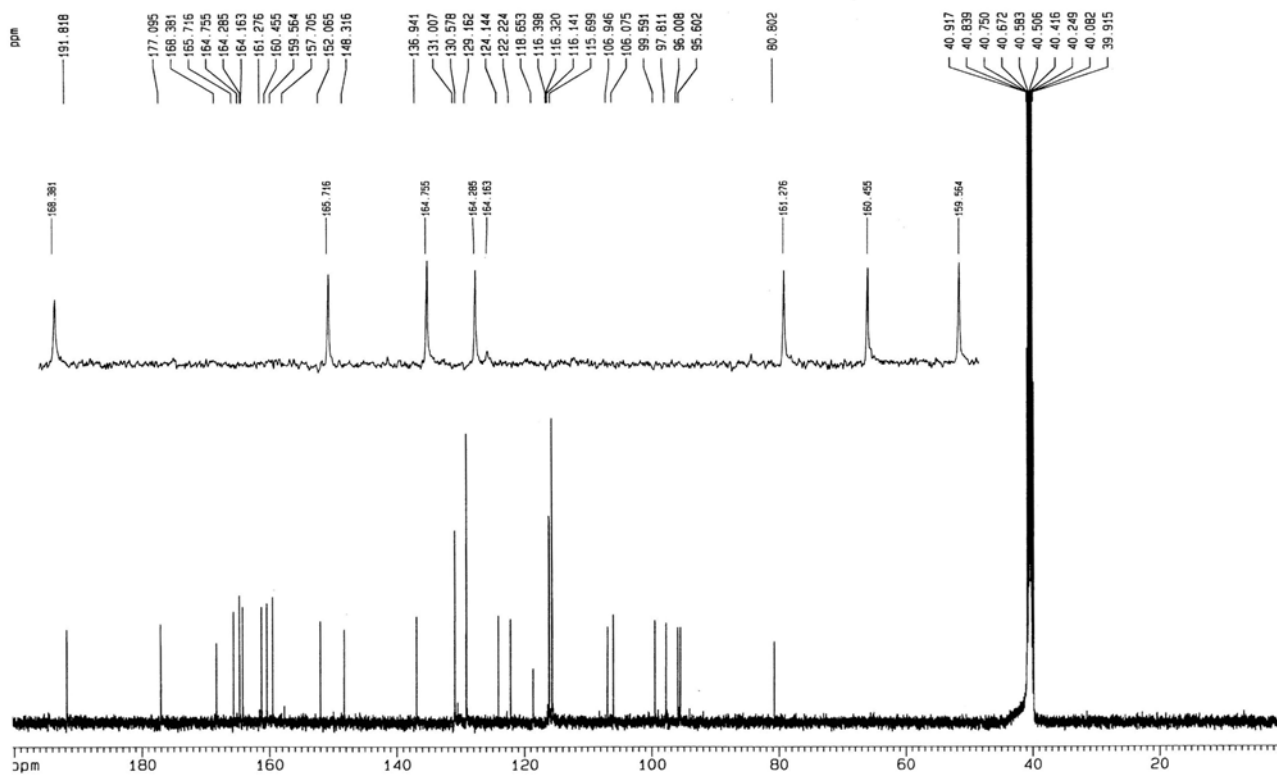


Figure S9. Infrared spectrum (KBr) of amburanin B (2).

**Figure S10.** <sup>1</sup>H NMR spectrum (500 MHz, DMSO-*d*<sub>6</sub>) of amburanin B (2).**Figure S11.** <sup>13</sup>C NMR spectrum (125 MHz, DMSO-*d*<sub>6</sub>) of amburanin B (2).

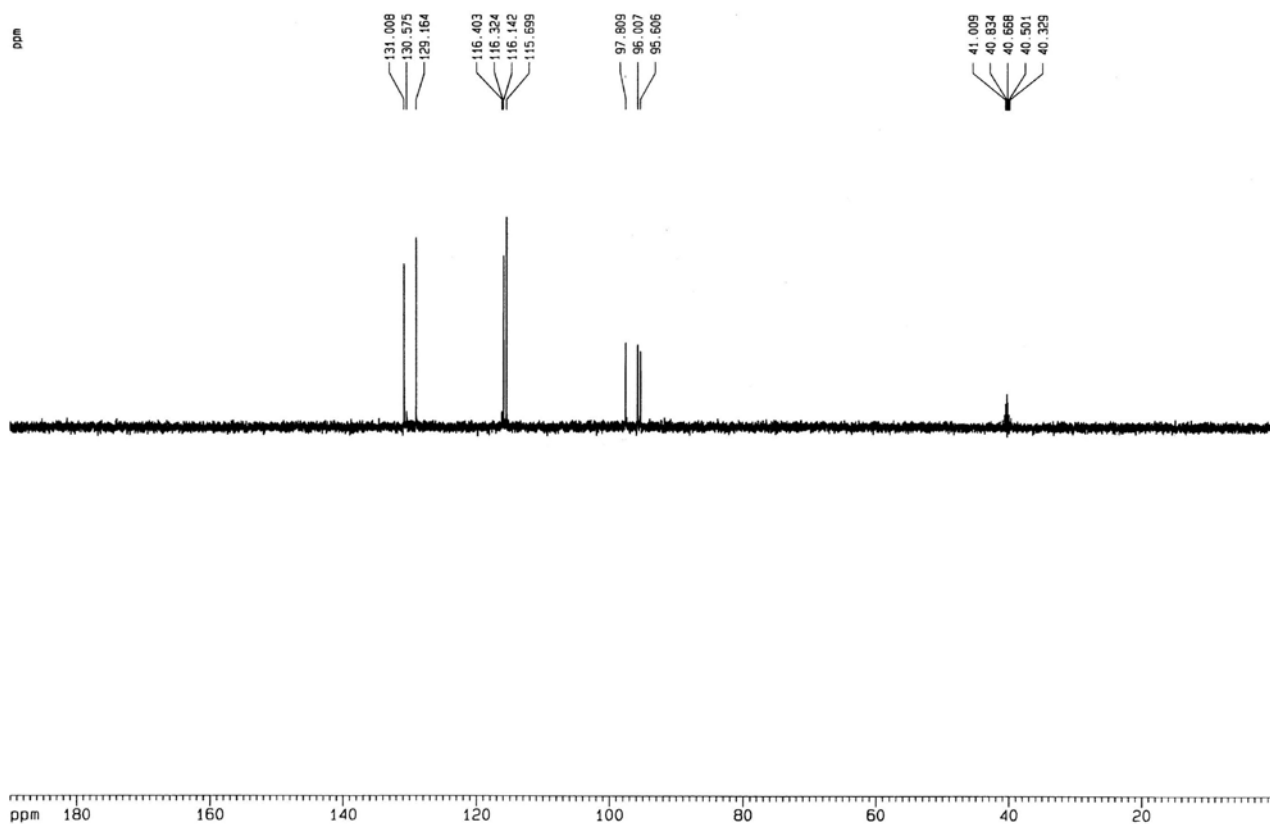


Figure S12.  $^{13}\text{C}$  NMR-DEPT135 spectrum (125 MHz,  $\text{DMSO}-d_6$ ) of amburanin B (2).

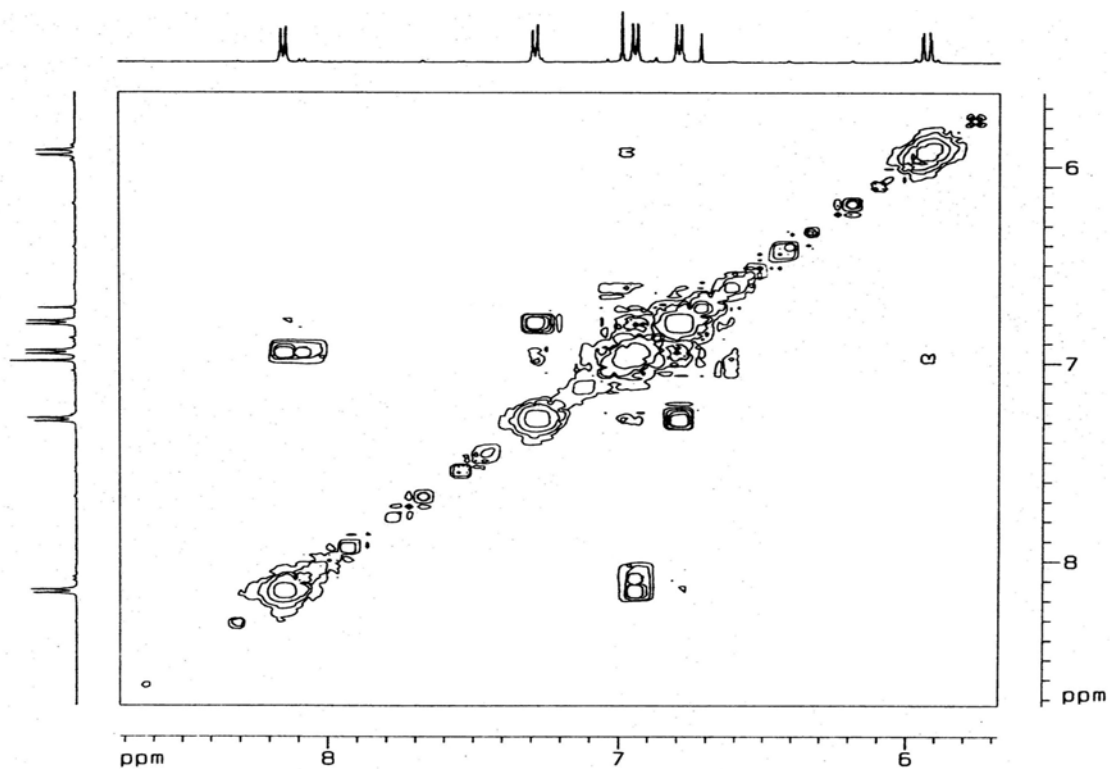


Figure S13.  $^1\text{H}$ ,  $^1\text{H}$  COSY-NMR- spectrum ( $500 \times 500$  MHz,  $\text{DMSO}-d_6$ ) of amburanin B (2).

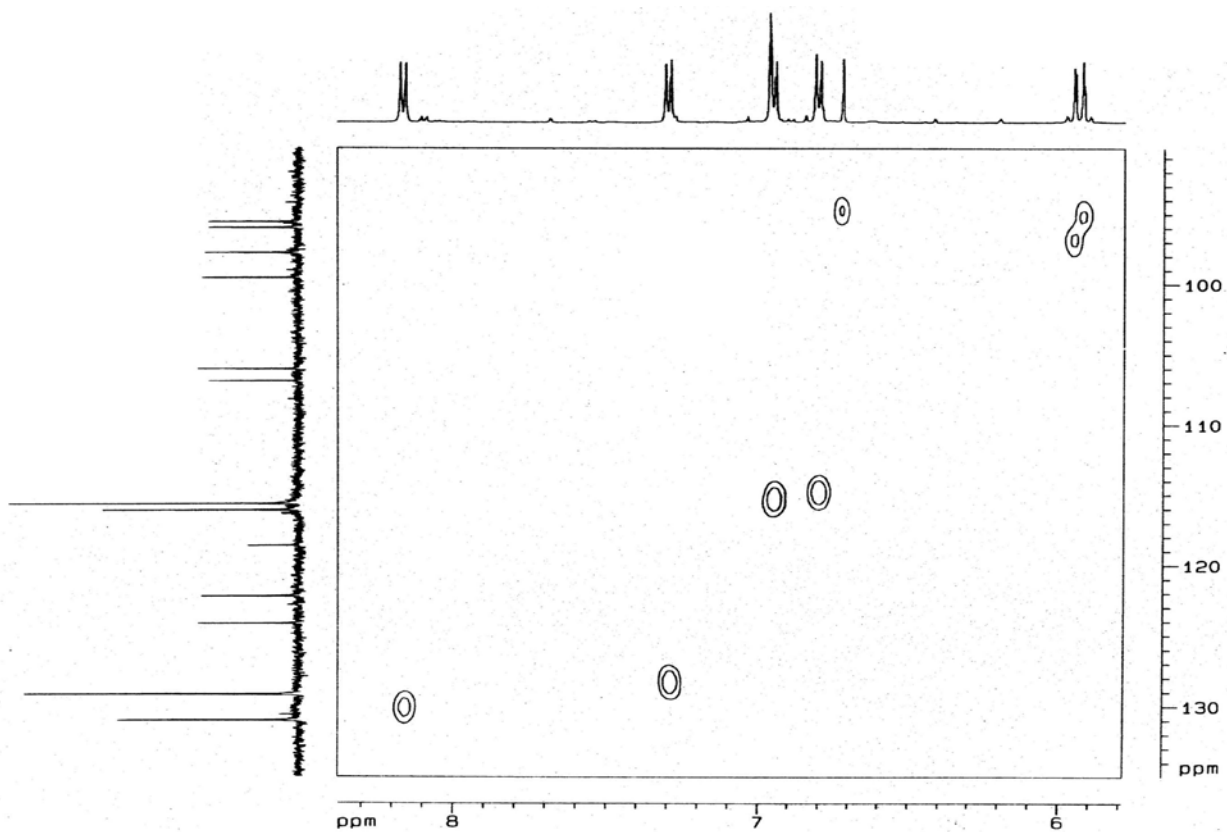


Figure S14.  $^1\text{H}$ ,  $^{13}\text{C}$  HSQC-NMR spectrum (500  $\times$  125 MHz,  $\text{DMSO}-d_6$ ) of amburanin B (2).

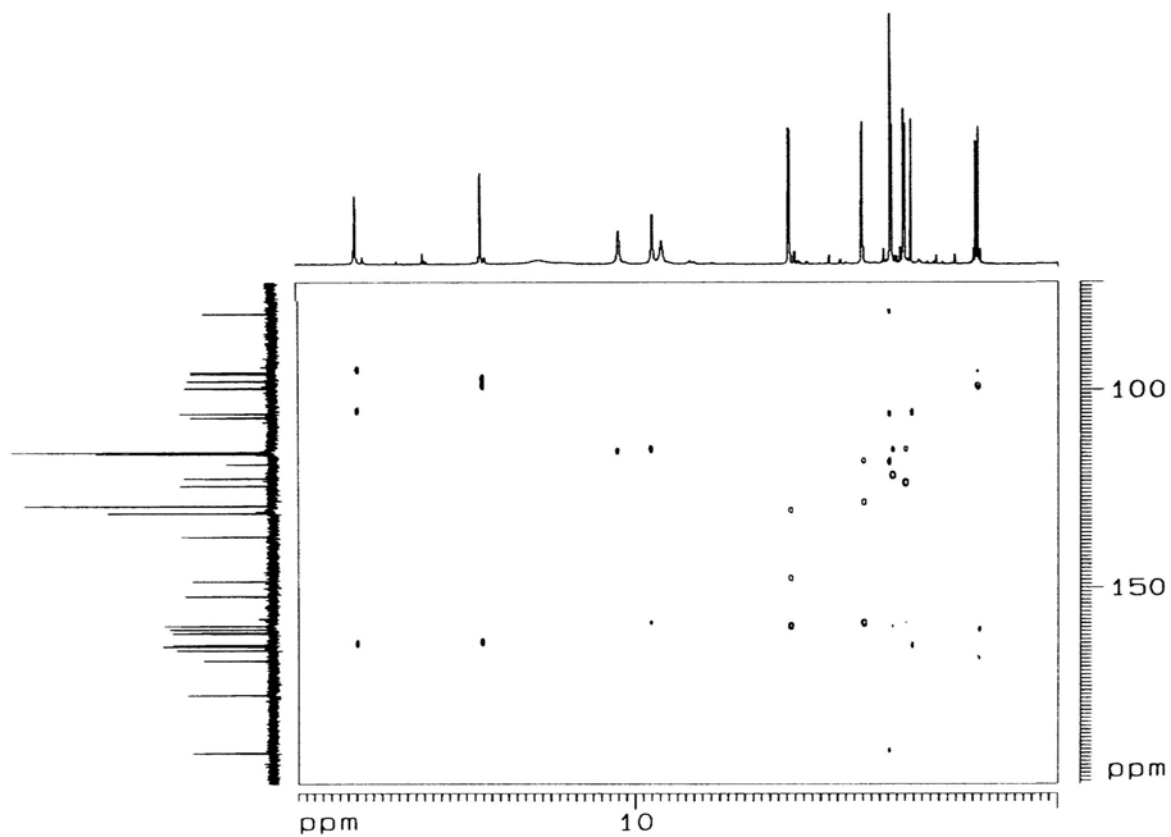
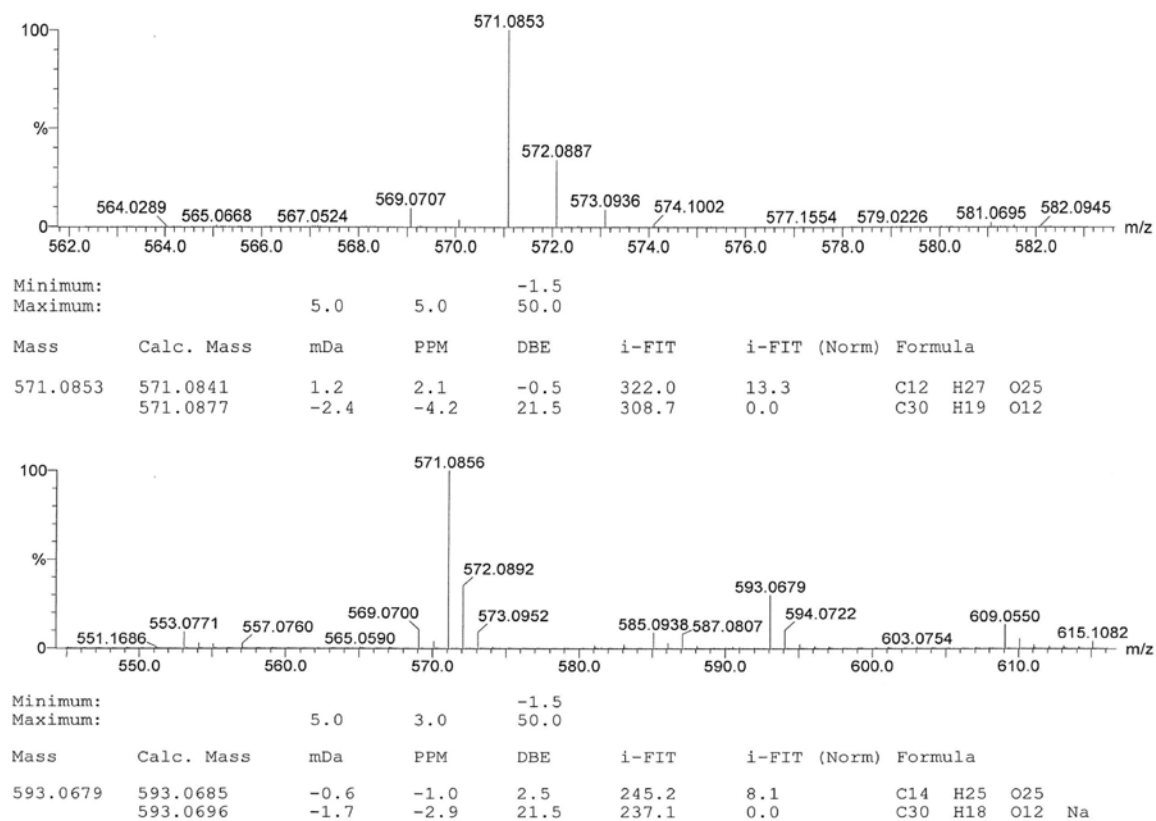
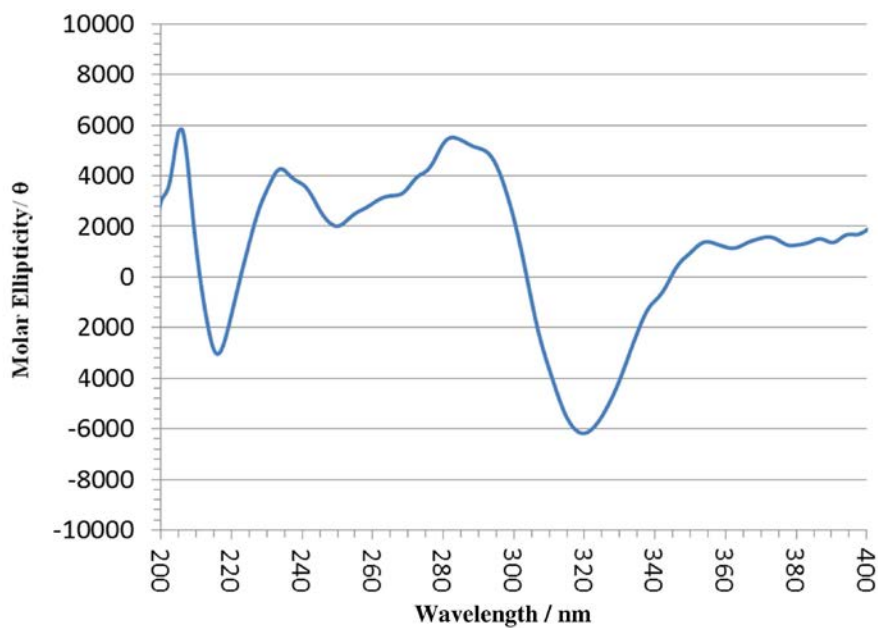


Figure S15.  $^1\text{H}$ ,  $^{13}\text{C}$  HMBC-NMR spectrum (500  $\times$  125 MHz,  $\text{DMSO}-d_6$ ) of amburanin B (2).





**Figure S16.** High resolution mass spectrum of amburanin B (**2**).



**Figure S17.** Experimental ECD spectrum for amburanin B (**2**) at 0.06 mmol mL<sup>-1</sup> = 0.034 mg mL<sup>-1</sup>.