

Supplementary File

Euphormins A and B, New Pyranocoumarin Derivatives from *Euphorbia formosana* Hayata, and Their Anti-Inflammatory Activity

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SUPPLEMENTARY INFORMATION

Figure S1: IR spectrum of euphormin-A.

Figure S2: UV spectrum of euphormin-A.

Figure S3: Mass spectrum of euphormin-A.

Figure S4: ^1H -NMR (400 MHz, CD_3OD) spectrum of euphormin-A.

Figure S5: ^{13}C -NMR (100 MHz, CD_3OD) spectrum of euphormin-A.

Figure S6: ^1H - ^1H COSY spectrum of euphormin-A.

Figure S7: ^1H - ^1H NOESY spectrum of euphormin-A.

Figure S8: HSQC spectrum of euphormin-A.

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Figure S10: IR spectrum of euphormin-B.

Figure S11: UV spectrum of euphormin-B.

Figure S12: Mass spectrum of euphormin-B.

Figure S13: ^1H -NMR (400 MHz, D_2O) spectrum of euphormin-B.

Figure S14: ^{13}C -NMR (100 MHz, D_2O) spectrum of euphormin-B.

Figure S15: ^1H - ^1H COSY spectrum of euphormin-B.

Figure S16: ^1H - ^1H NOESY spectrum of euphormin-B.

Figure S17: HSQC spectrum of euphormin-B.

Figure S18: HMBC spectra of euphormin-B.

Figure S19: Inhibitory effect of compounds **1**, **2**, **10**, **18**, **25**, and **33** from *E. formosana* on superoxide anion generation and elastase release by human neutrophils in response to fMLP/CB.

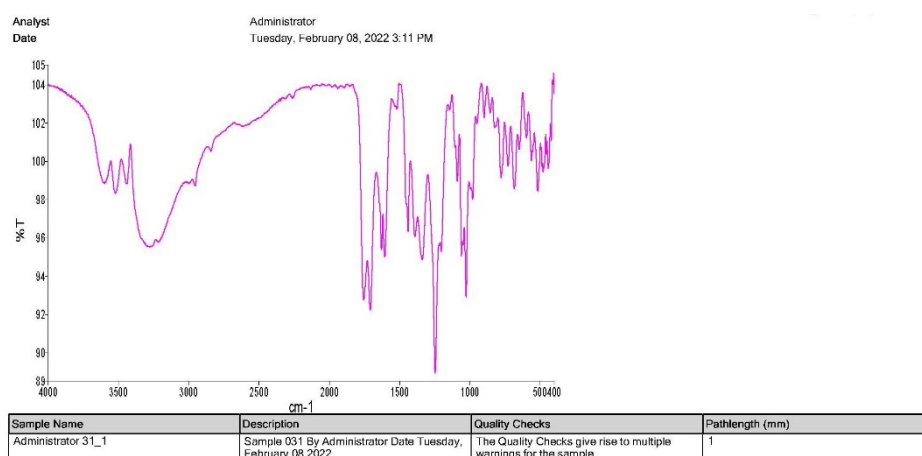


Figure S1. IR spectrum of euphormin-A.

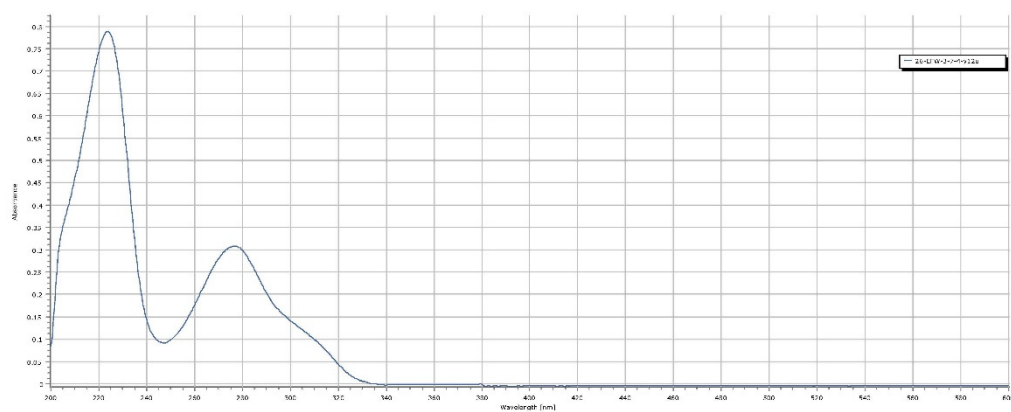


Figure S2. UV spectrum of euphormin-A.

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55-L01 #1-20 RT: 0.00-0.06 AV: 20 NL: 2.67E5

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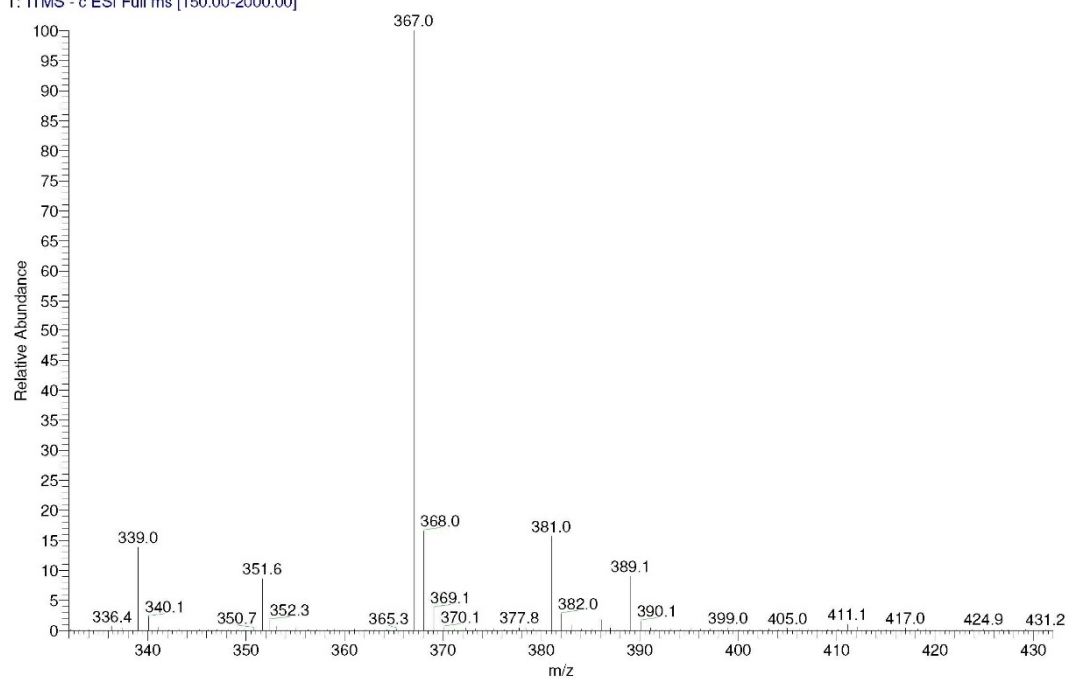


Figure S3. Mass spectrum of euphormin-A.

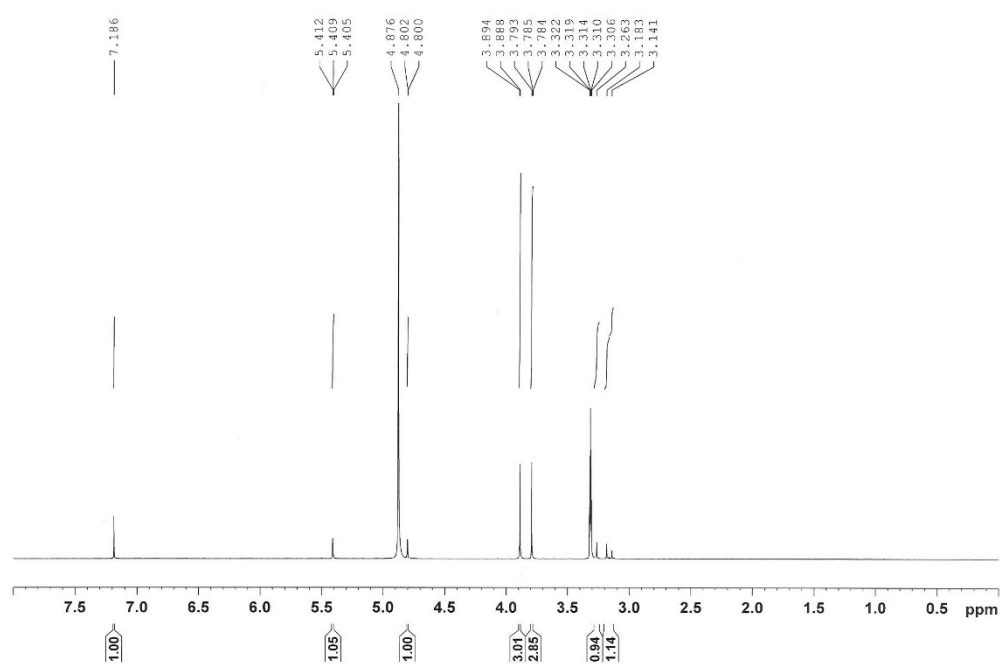


Figure S4. ^1H -NMR (400 MHz, CD_3OD) spectrum of euphormin-A.

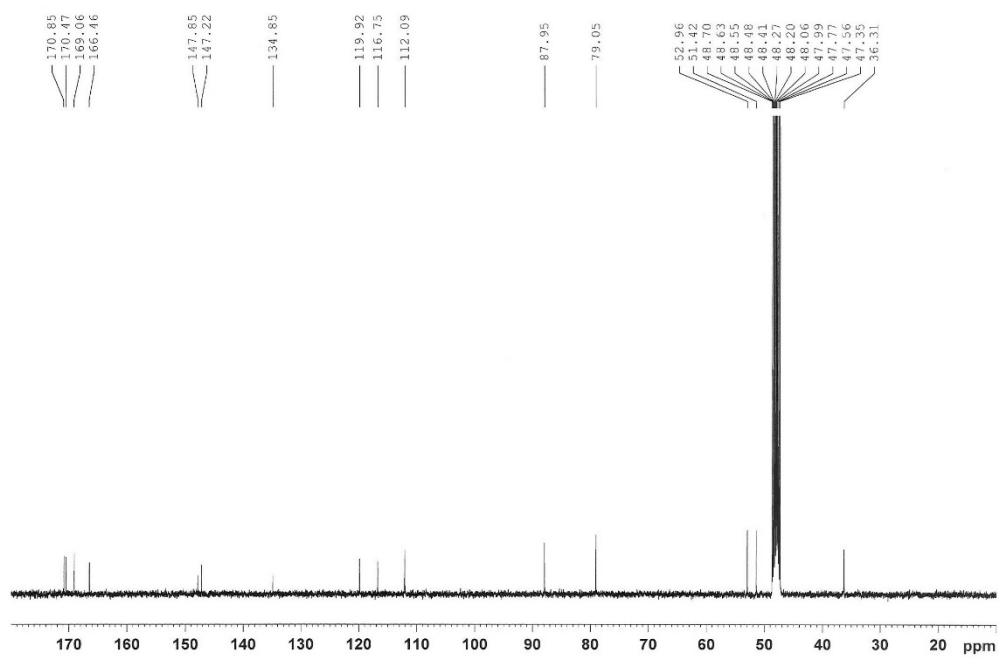


Figure S5. ^{13}C -NMR (100 MHz, CD_3OD) spectrum of euphormin-A.

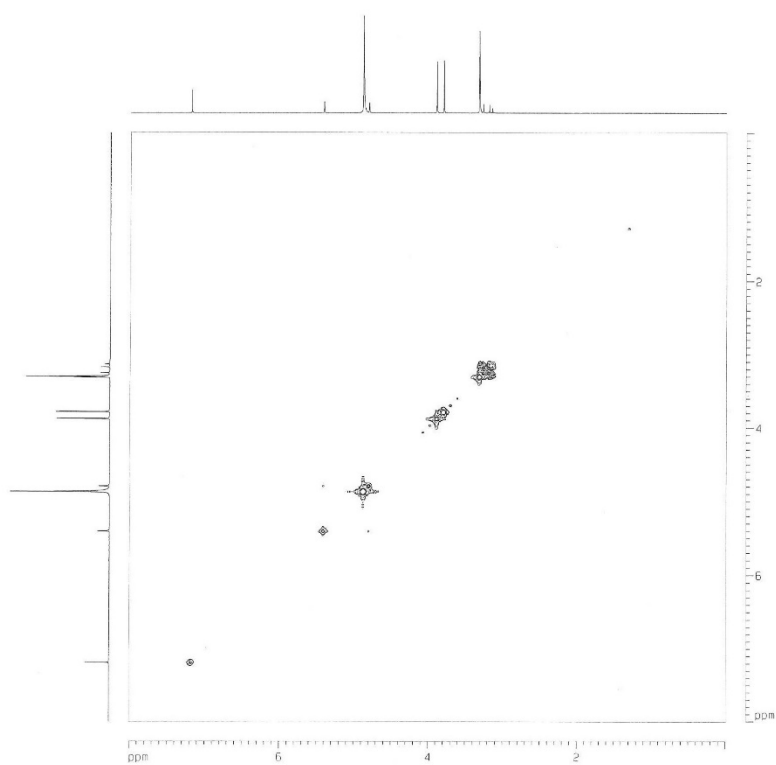


Figure S6. ^1H - ^1H COSY spectrum of euphormin-A.

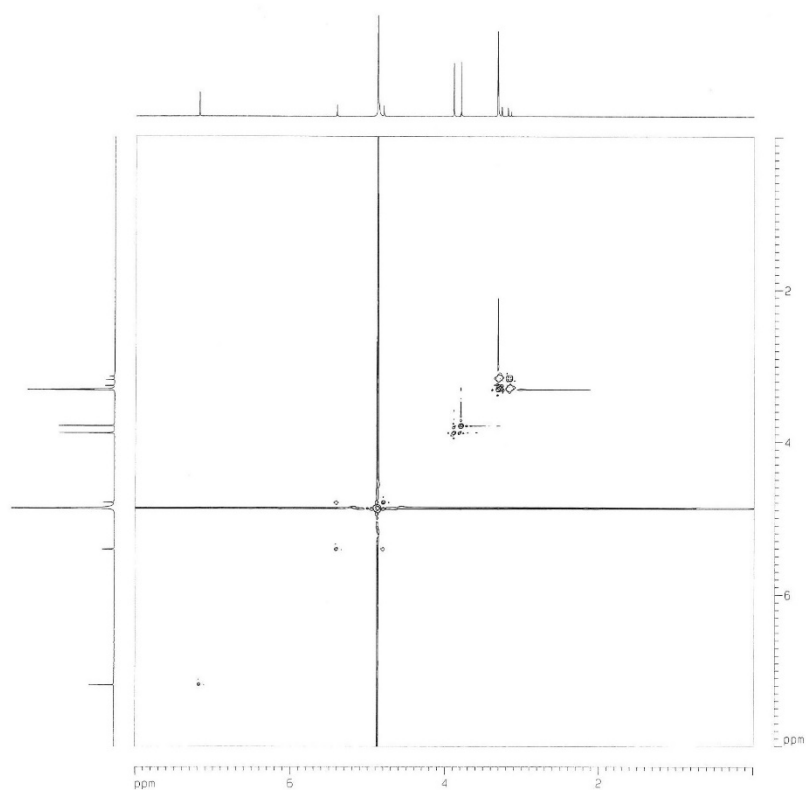


Figure S7. ^1H - ^1H NOESY spectrum of euphormin-A.

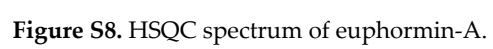


Figure S8. HSQC spectrum of euphormin-A.

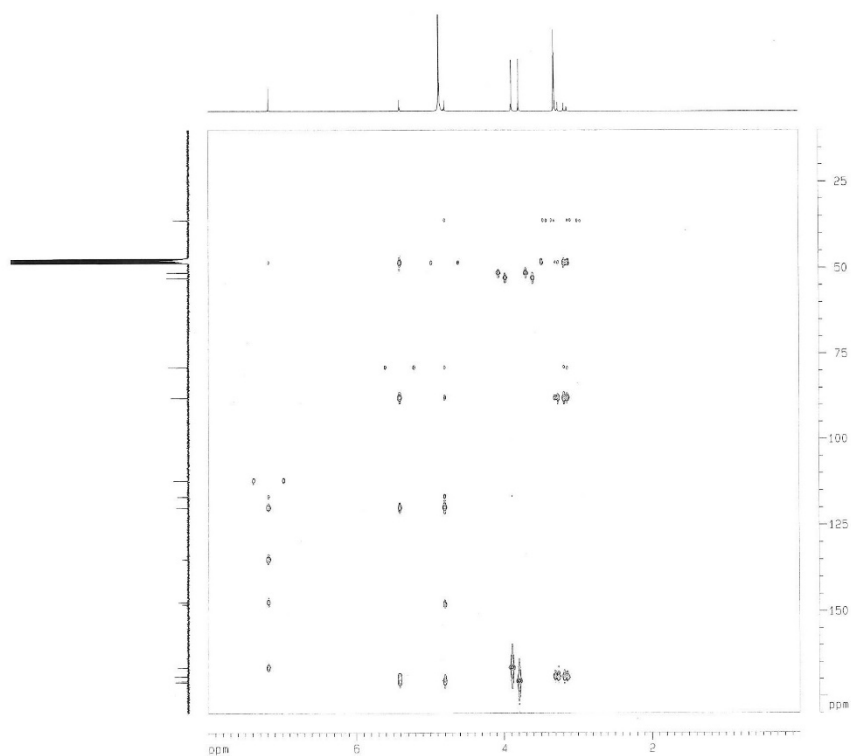


Figure S9. HMBC spectrum of euphormin-A.

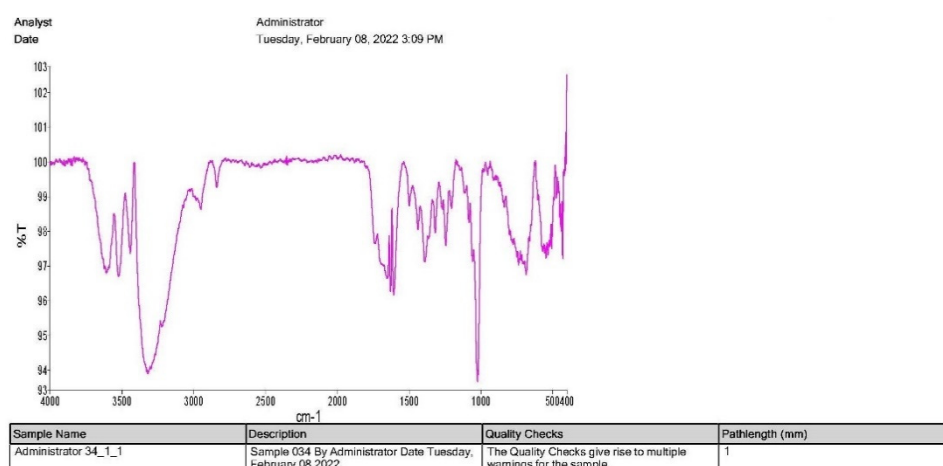


Figure S10. IR spectrum of euphormin-B.

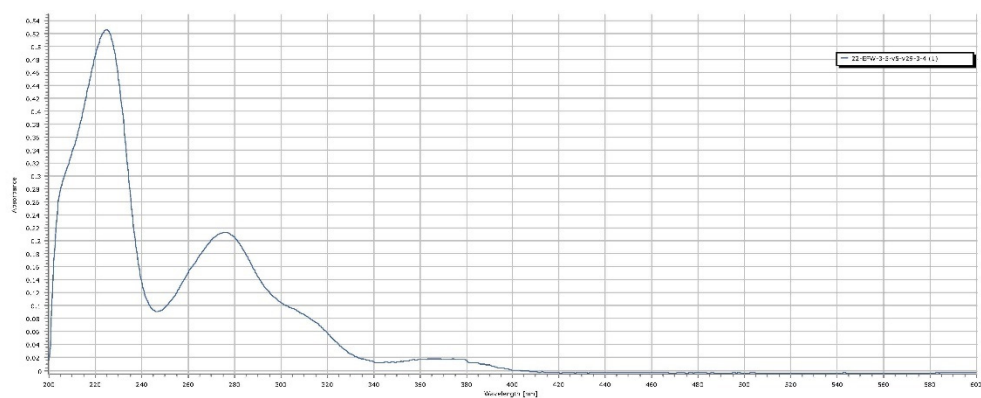


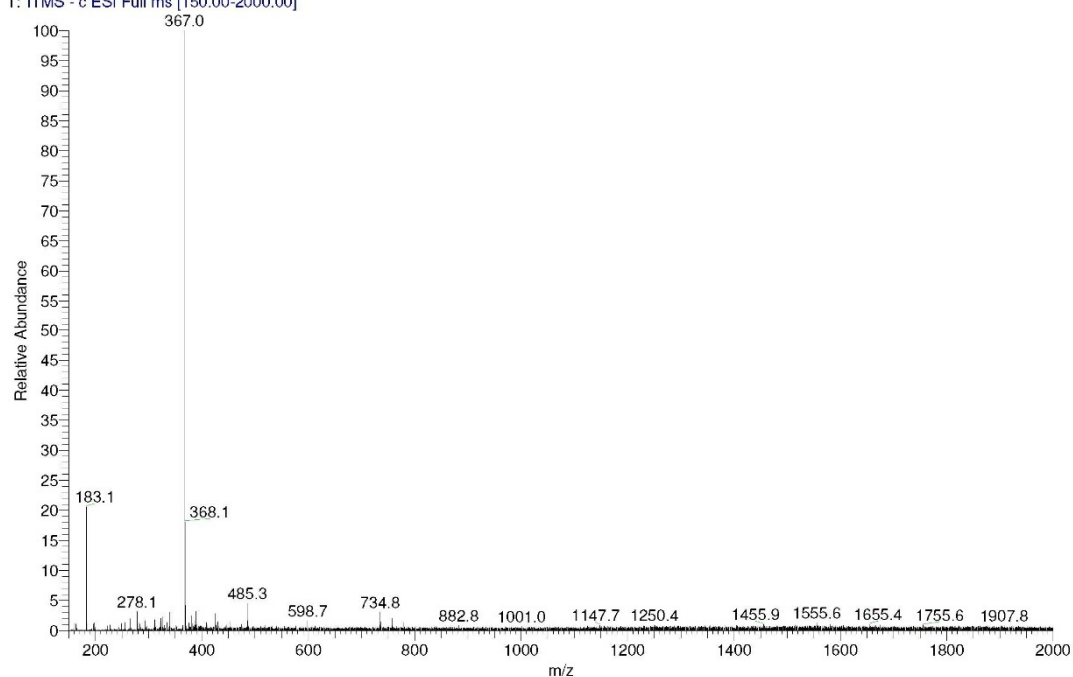
Figure S11. UV spectrum of euphormin-B.

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44-L02 #1-20 RT: 0.00-0.06 AV: 20 NL: 2.03E5

T: ITMS - c ESI Full ms [150.00-2000.00]

**Figure S12.** Mass spectrum of euphormin-B.

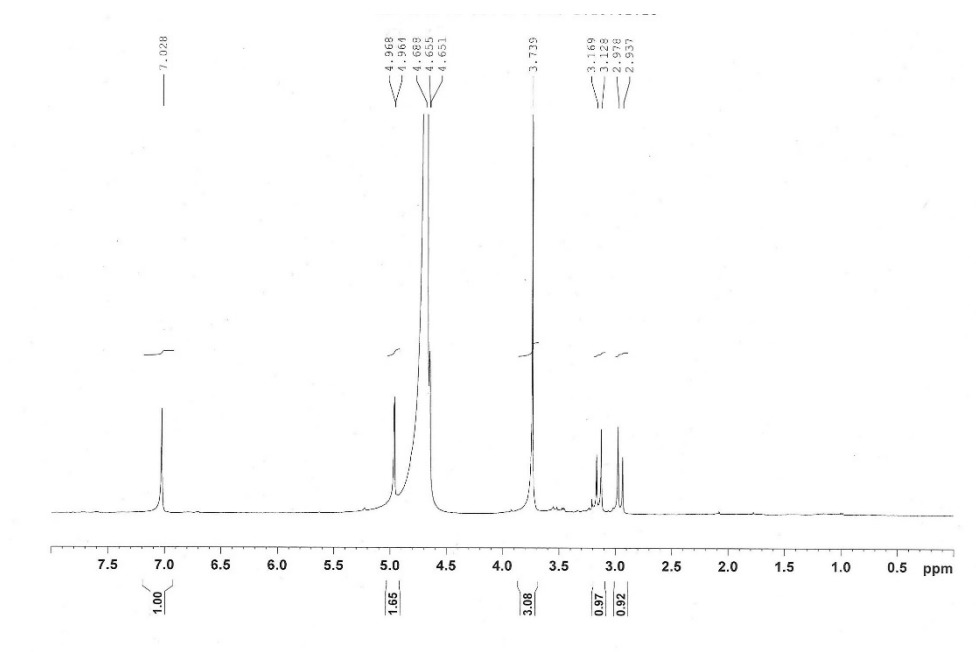


Figure S13. ^1H -NMR (400 MHz, D_2O) spectrum of euphormin-B.

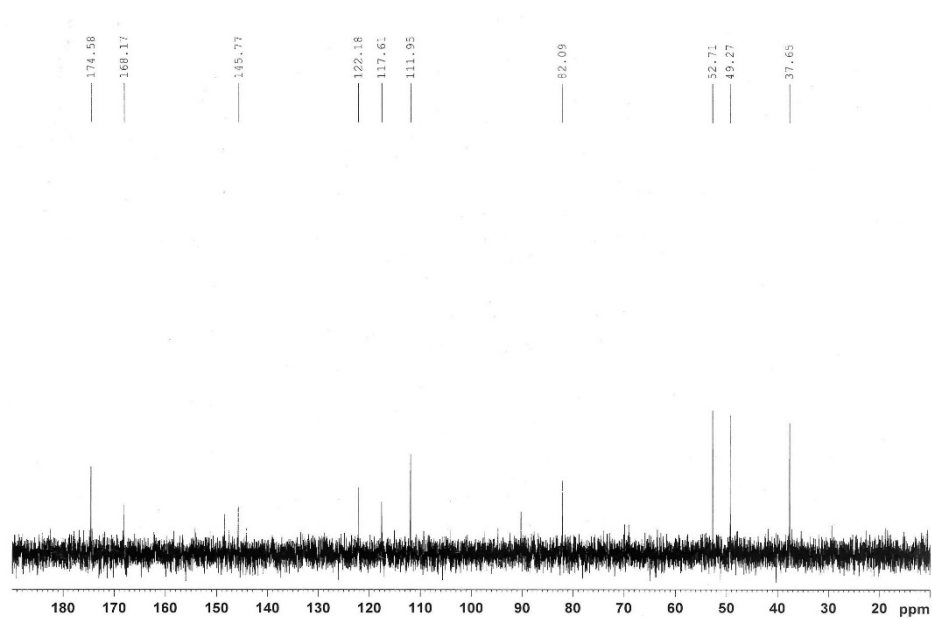


Figure S14. ^{13}C -NMR (100 MHz, D_2O) spectrum of euphormin-B.

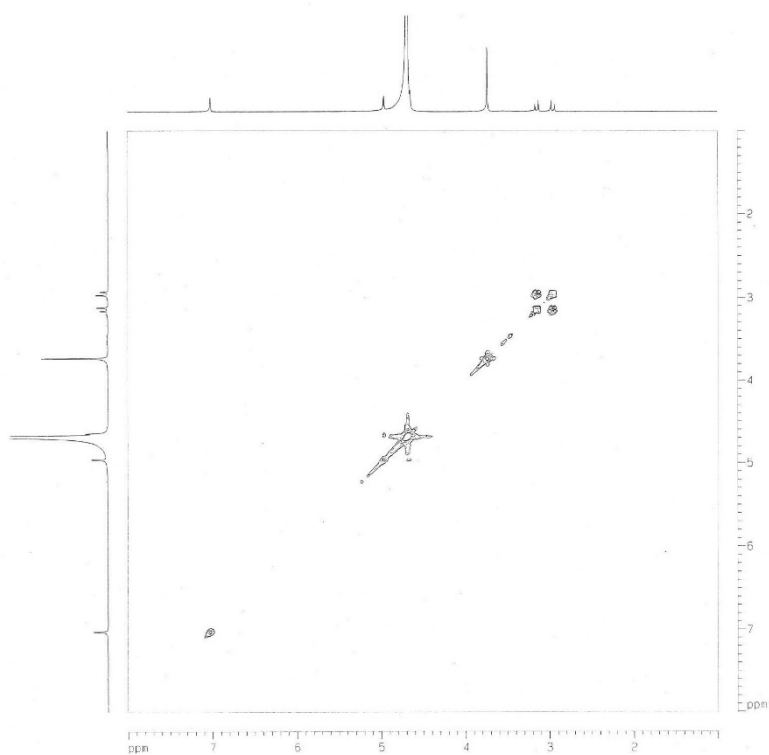


Figure S15. ^1H - ^1H COSY spectrum of euphormin-B.

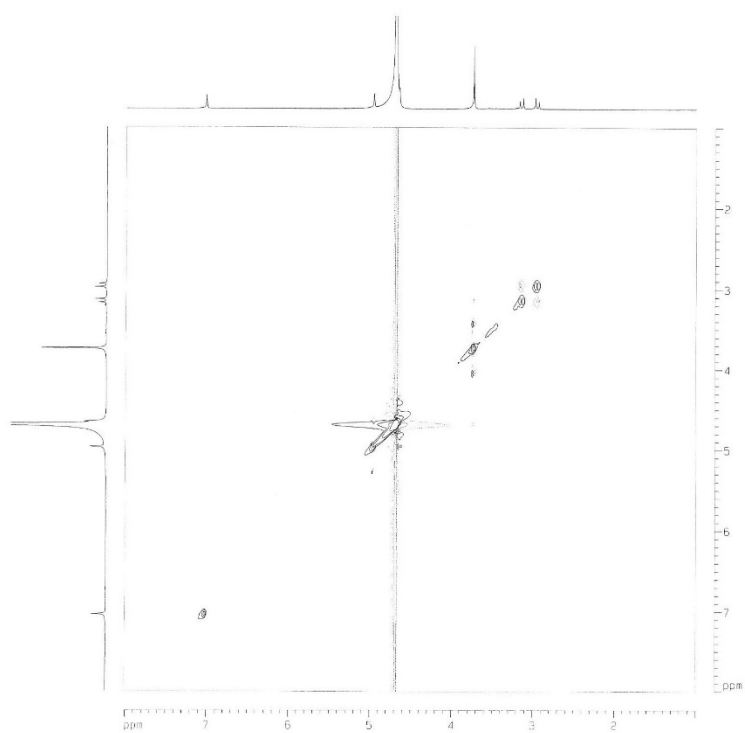


Figure S16. ^1H - ^1H NOESY spectrum of euphormin-B.

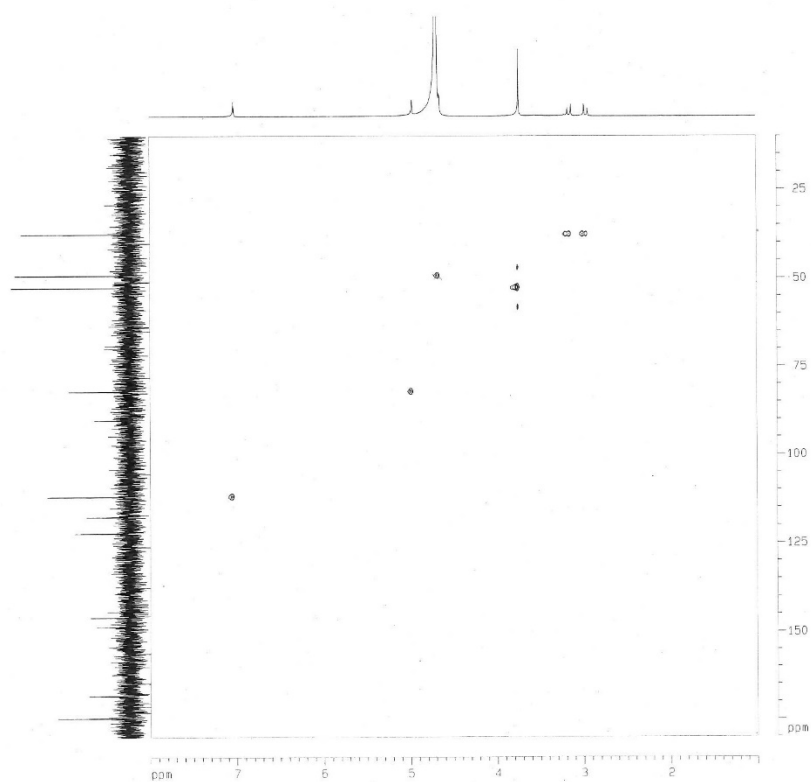


Figure S17. HSQC spectrum of euphormin-B.

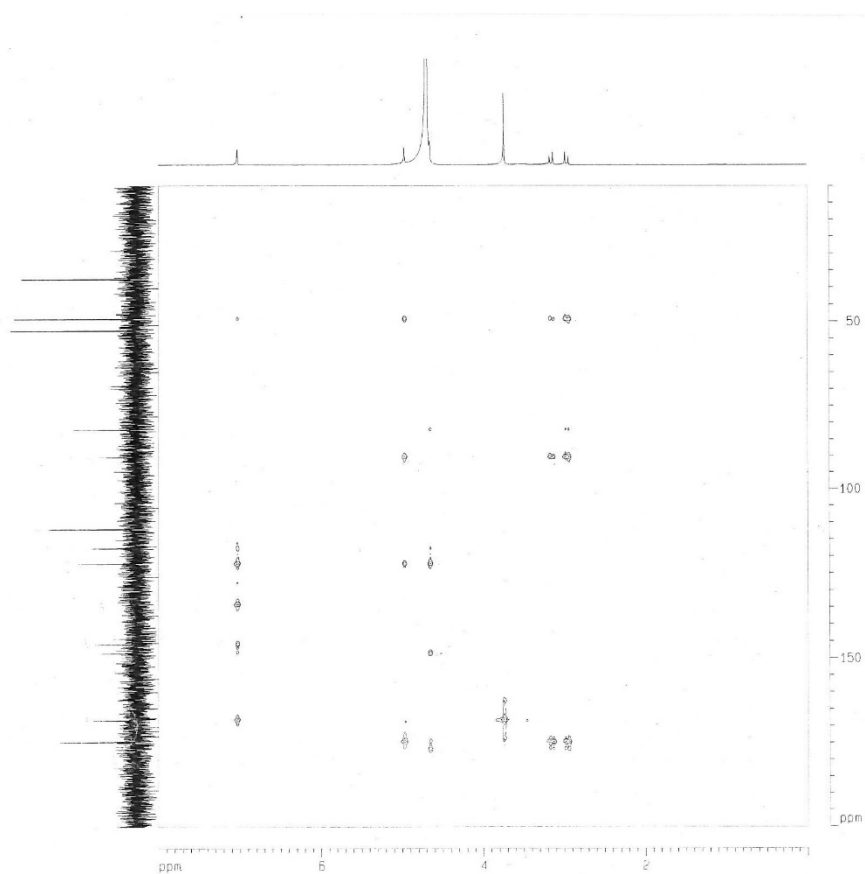


Figure S18. HMBC spectrum of euphormin-B.

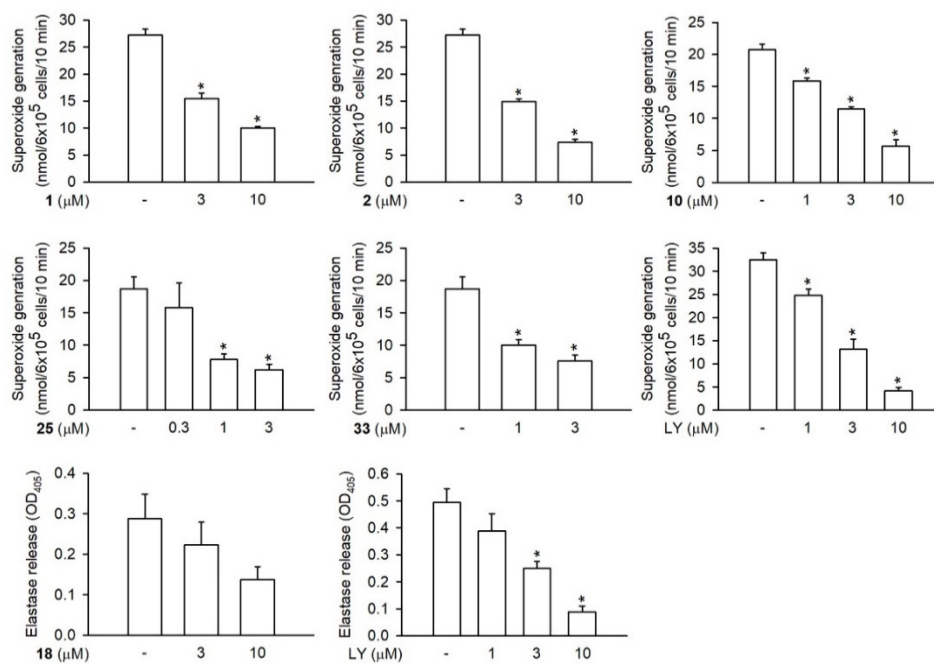


Figure S19. Inhibitory effect of compounds 1, 2, 10, 18, 25, and 33 from *E. formosana* on superoxide anion generation and elastase release by human neutrophils in response to fMLP/CB.