

Diterpene and other Constituents from *Stemodia maritima* (Scrophulariaceae)

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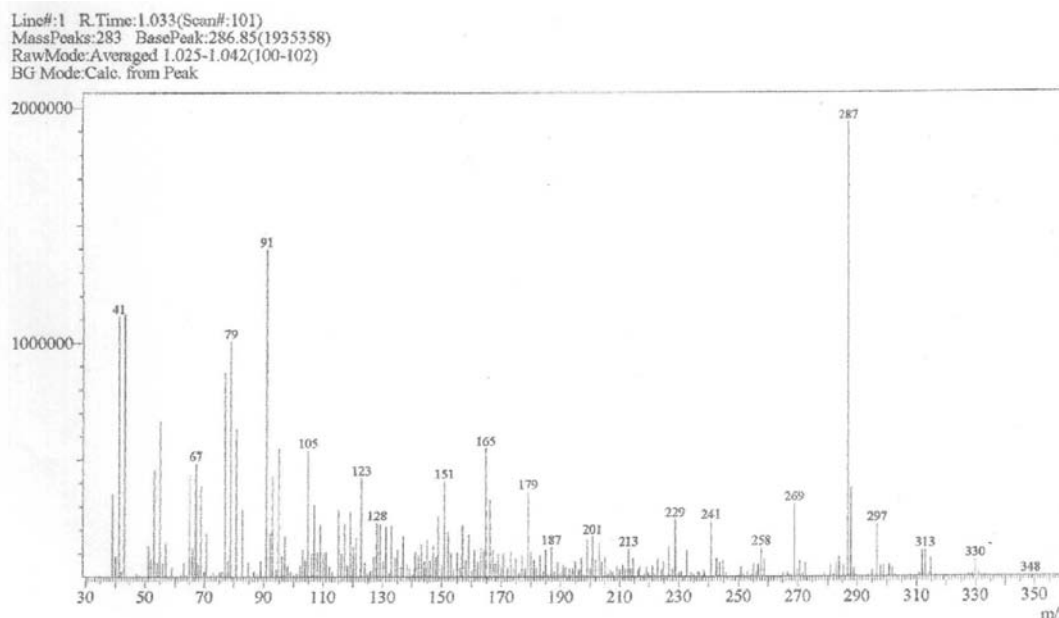
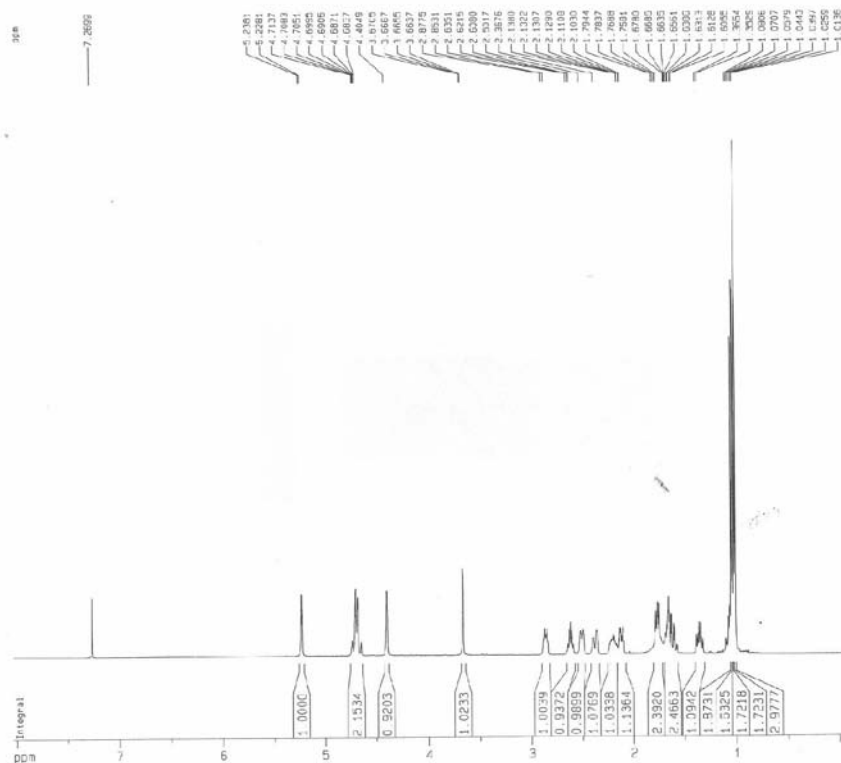


Figure S1a. EI-MS of compound (1) isolated from leaves of *Stemodia maritima*.

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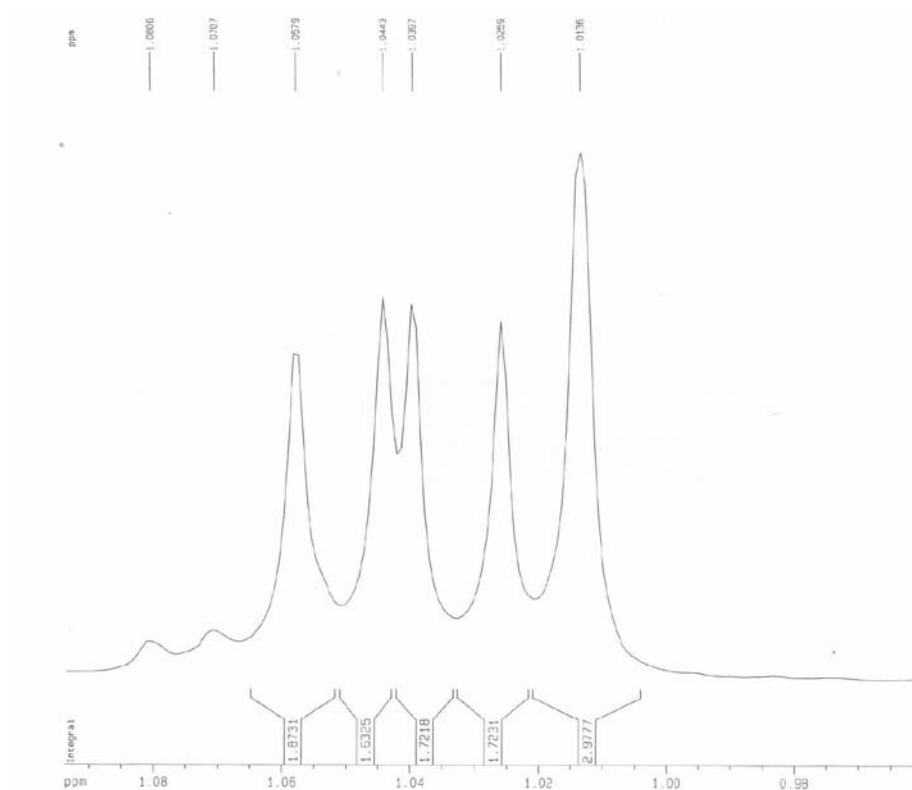


Figure S3. Expansion ²H NMR spectrum (CDCl₃, 500 MHz) of compound (**1**) isolated from leaves of *Stemodia maritima*.

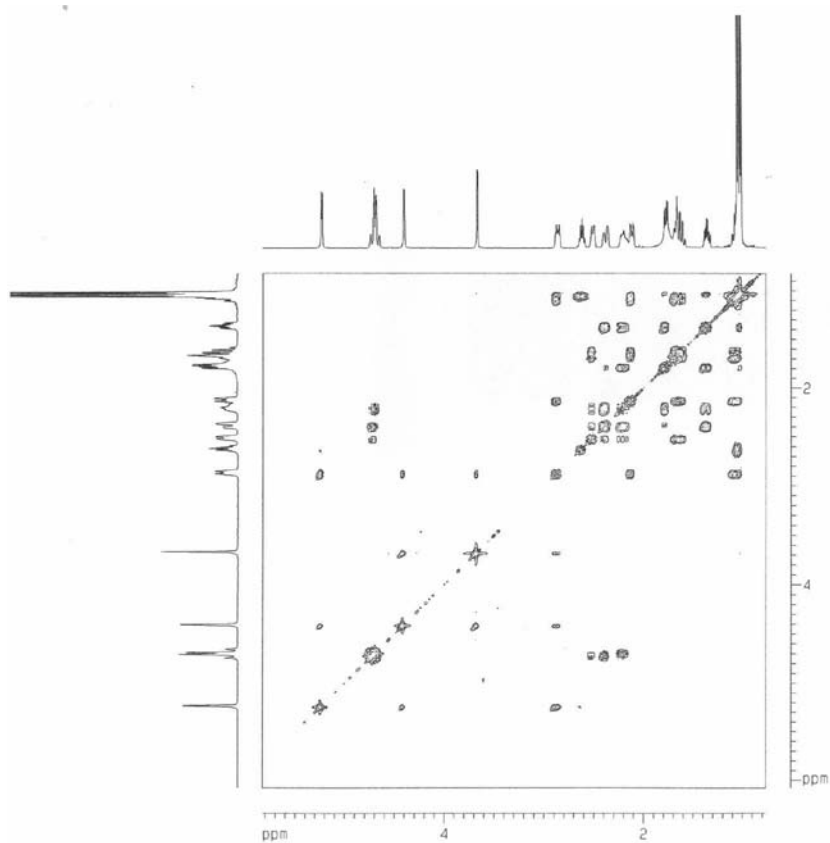


Figure S4. COSY NMR experiment (CDCl₃, 500 MHz) of compound (**1**) isolated from leaves of *Stemodia maritima*.

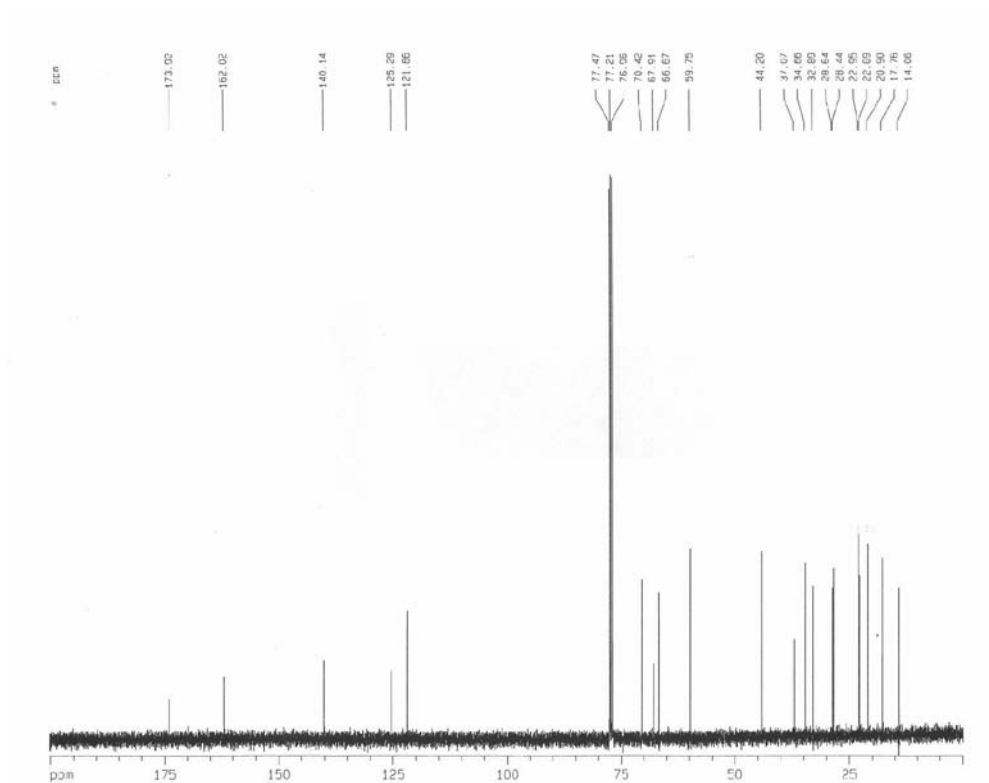


Figure S5. ¹³C RMN spectrum (CDCl₃, 125MHz) of compound (1) isolated from leaves of *Stemodia maritima*

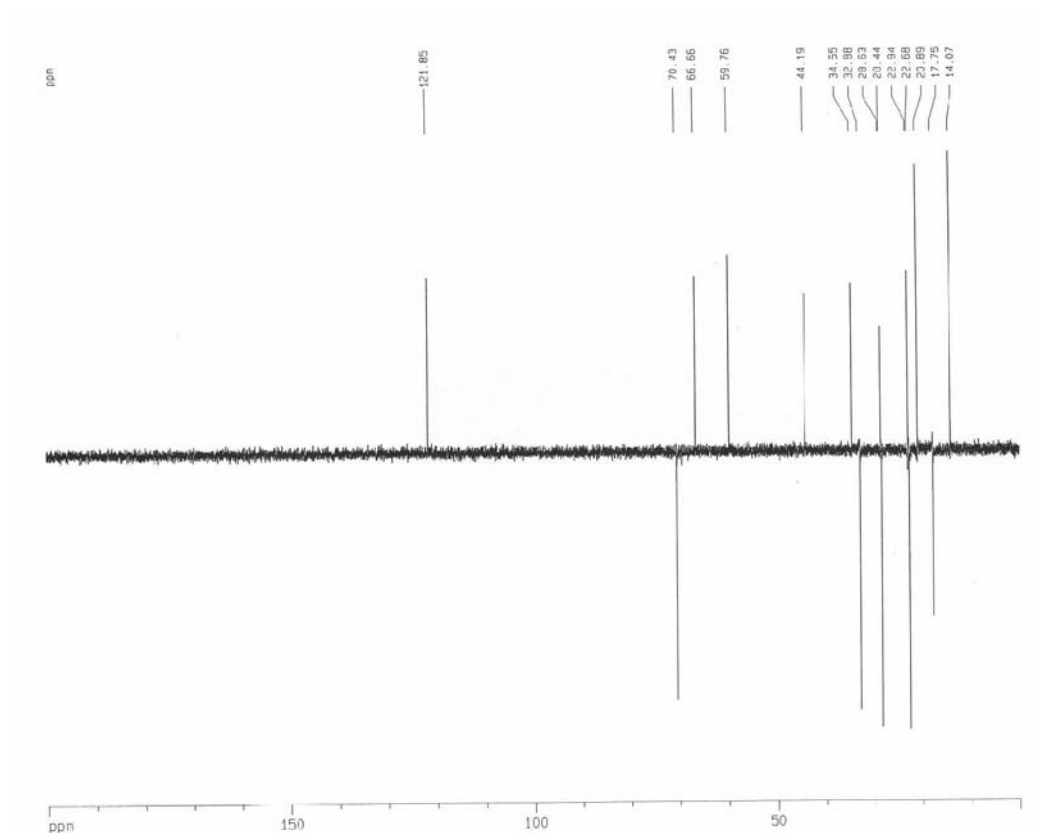


Figure S6. DEPT NMR experiment (CDCl₃, 125 MHz) of compound (1) isolated from leaves of *Stemodia maritima*.

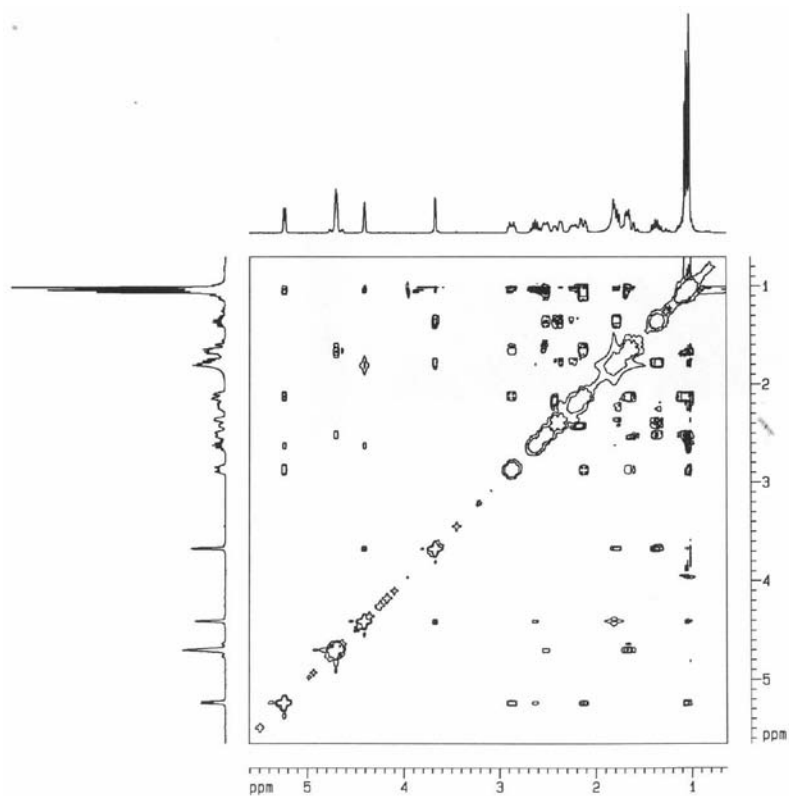


Figure S7. NOESY NMR experiment (CDCl_3 , 500 MHz) of compound (**1**) isolated from leaves of *Stemodia maritima*.

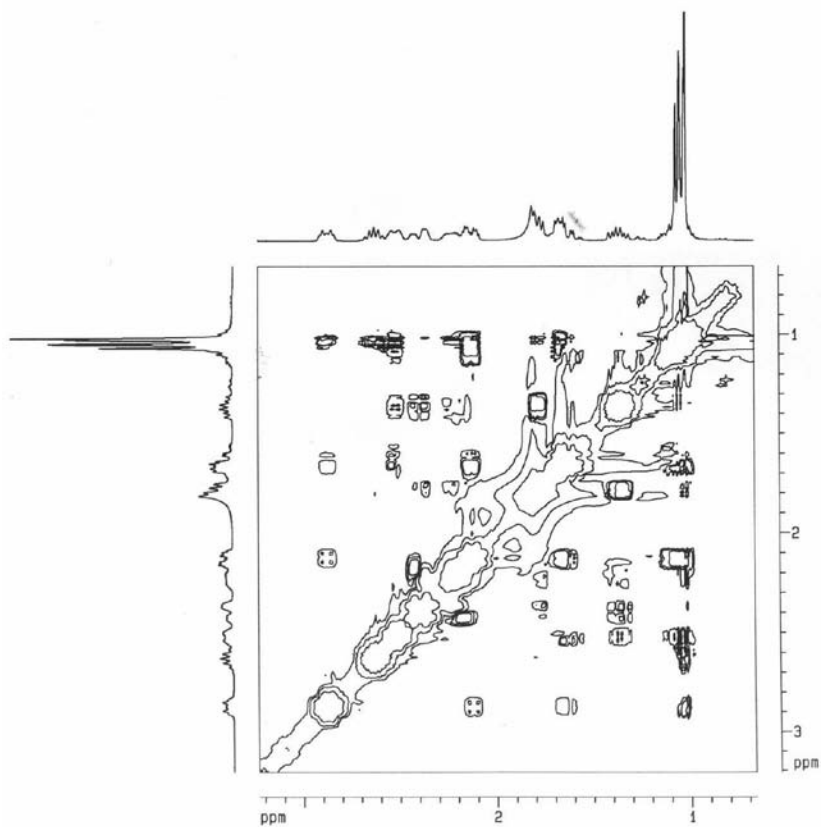


Figure S8. Expansion NOESY NMR experiment (CDCl_3 , 500MHz) of compound (**1**) isolated from leaves of *Stemodia maritima*.

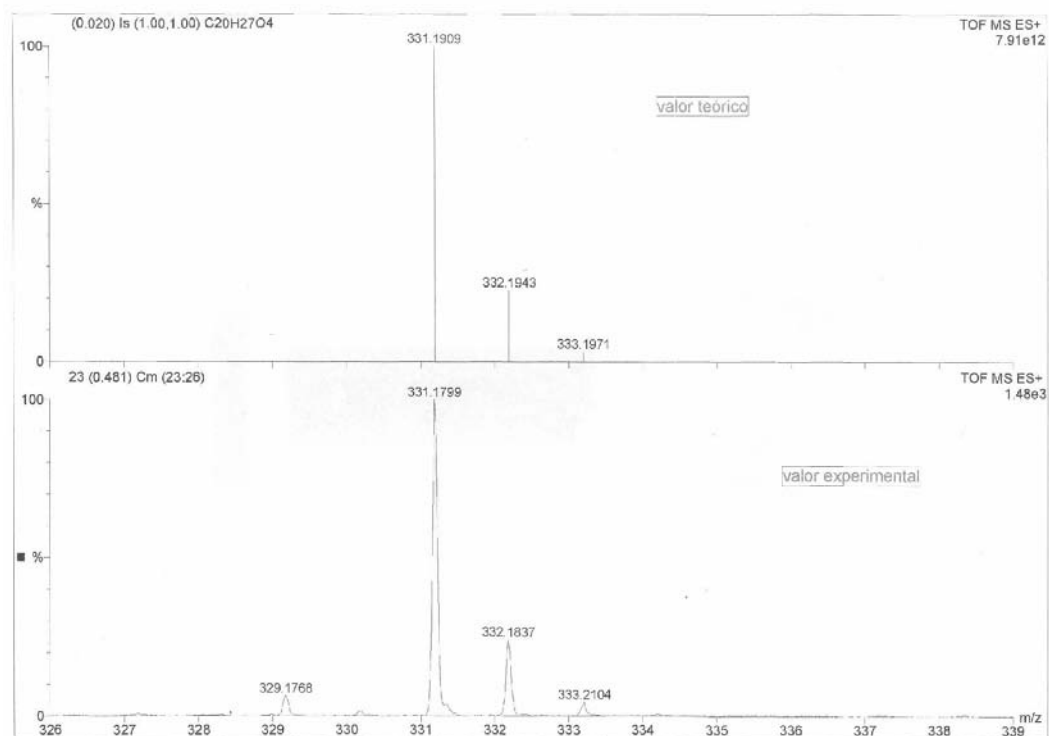


Figure S9. ESI-MS/MS of compound (1) isolated from leaves of *Stemodia maritime*

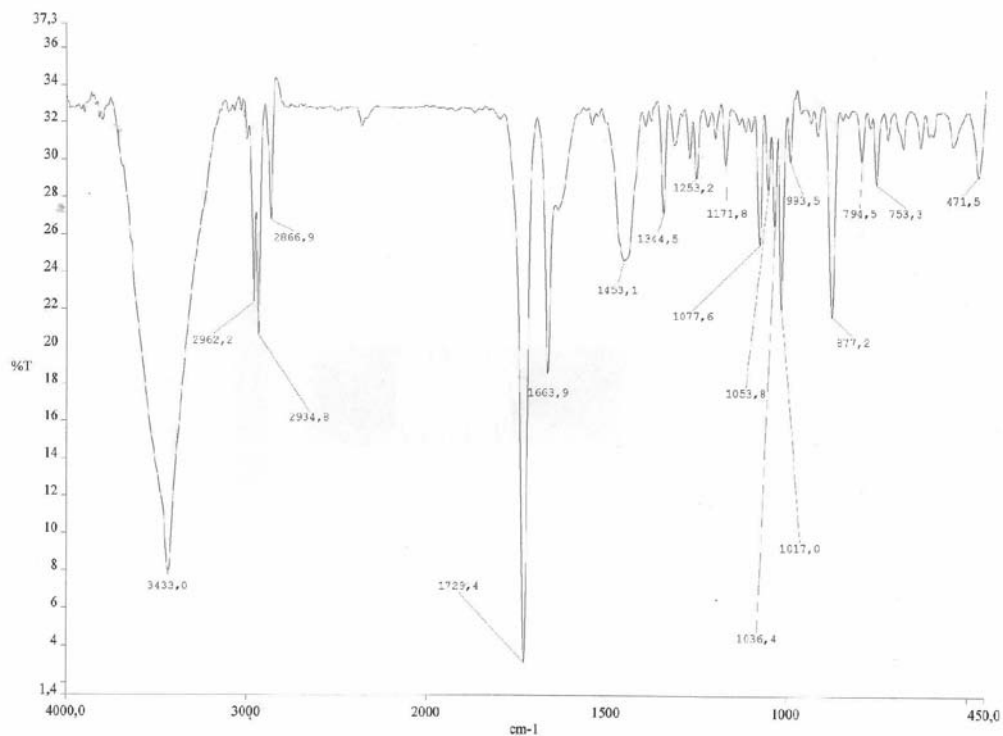


Figure S10. IR spectrum of compound (1) isolated from leaves of *Stemodia maritime*.

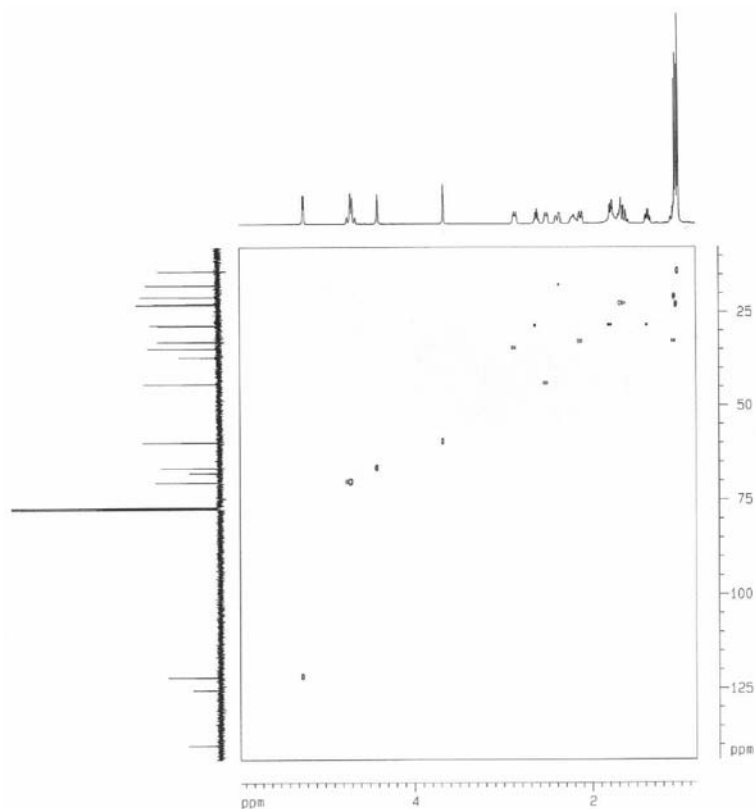


Figure S11. HSQC NMR experiment (CDCl₃, 500×125 MHz) of compound (1) isolated from leaves of *Stemodia maritima*.

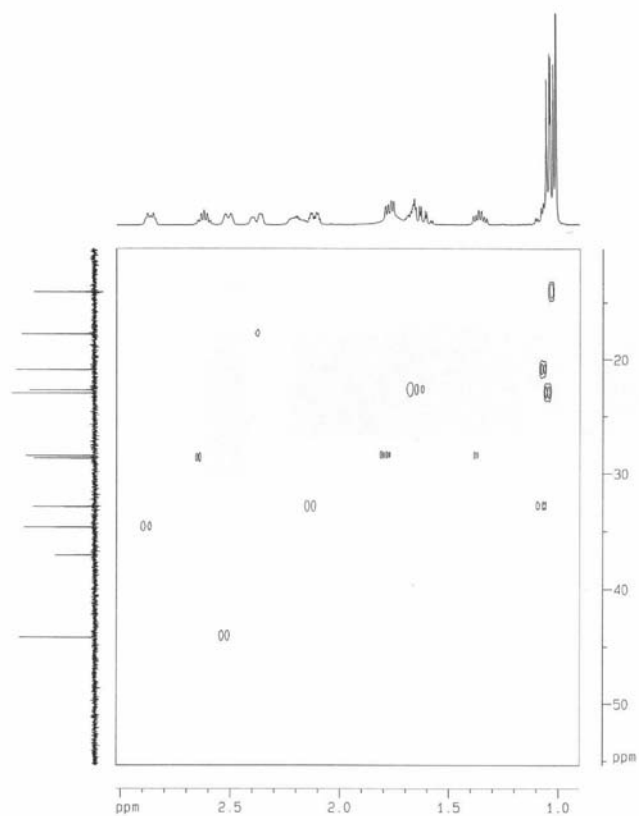


Figure S12. Expansion 1 HSQC NMR experiment (CDCl₃, 500×125 MHz) of compound (1) isolated from leaves of *Stemodia maritima*.

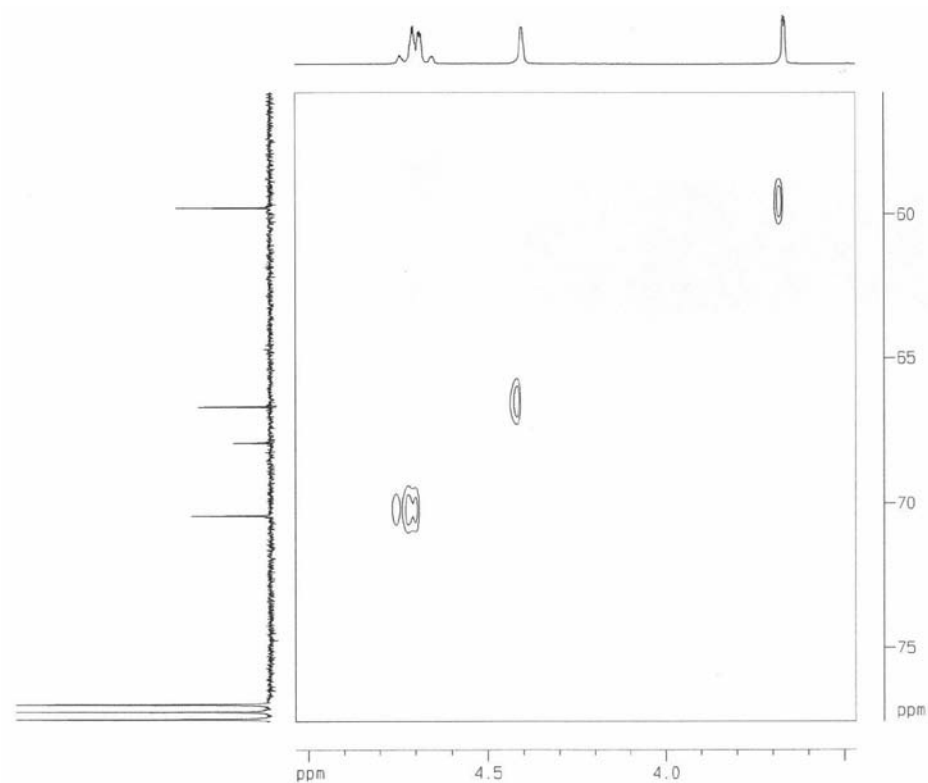


Figure S13. Expansion 2 HSQC NMR experiment (CDCl₃, 500×125 MHz) of compound (1) isolated from leaves of *Stemodia maritima*.

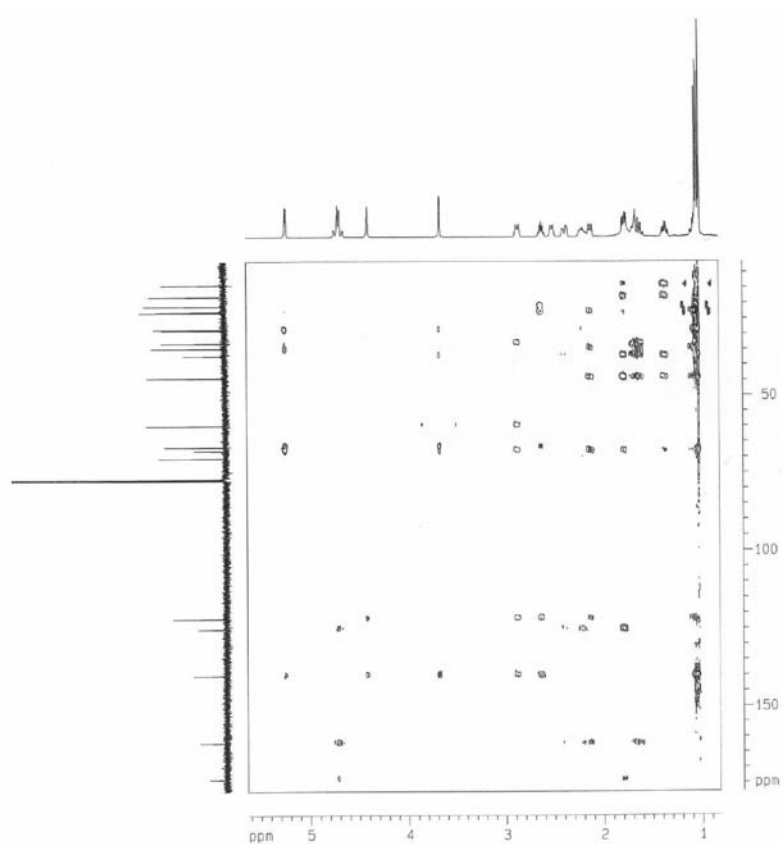


Figure S14. HMBC NMR experiment (CDCl₃, 500×125 MHz) of compound (1) isolated from leaves of *Stemodia maritima*.

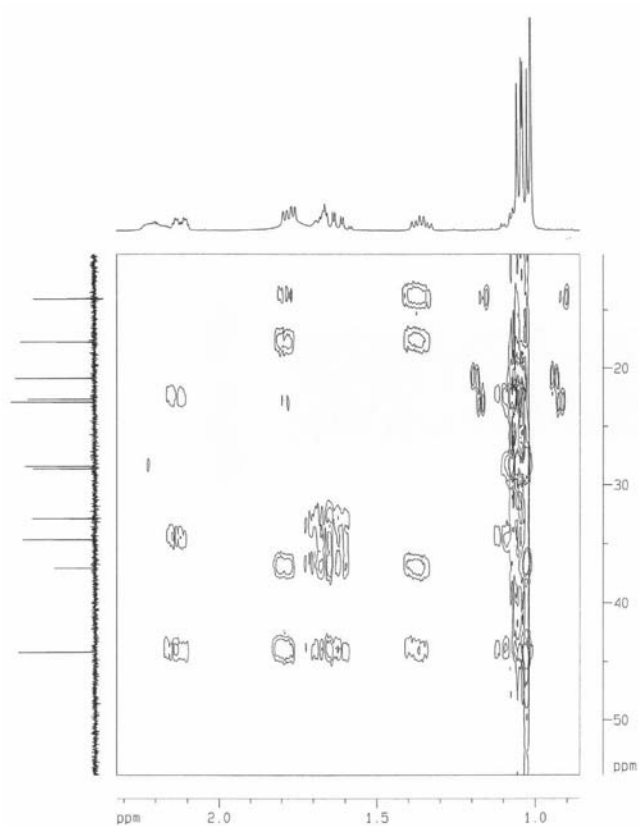


Figure S15. Expansion 1 HMBC NMR experiment (CDCl_3 , 500×125 MHz) of compound (1) isolated from leaves of *Stemodia maritima*.

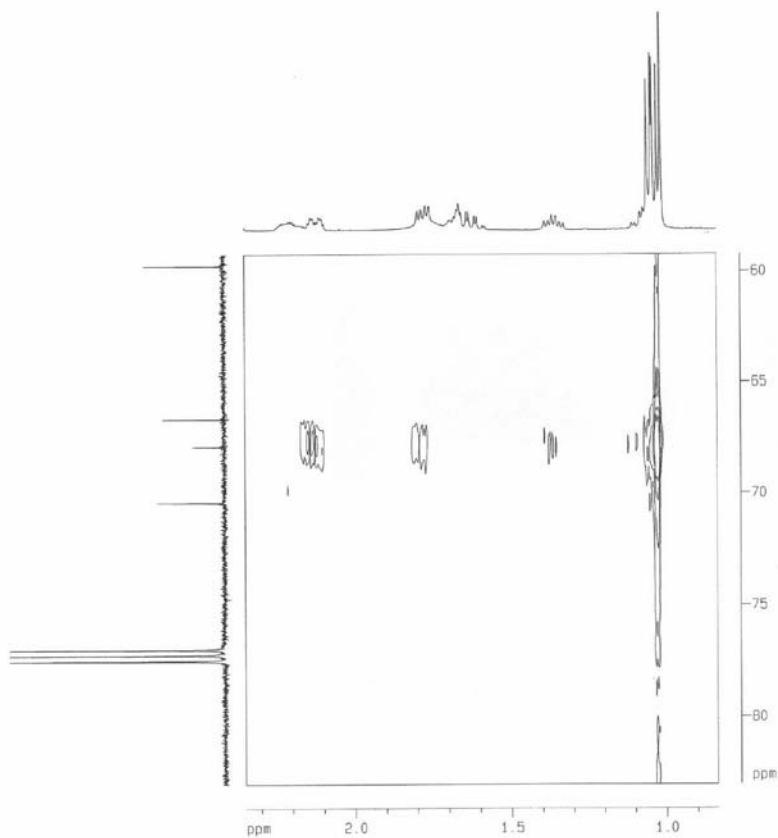


Figure S16. Expansion 2 HMBC NMR experiment (CDCl_3 , 500×125 MHz) of compound (1) isolated from leaves of *Stemodia maritima*.

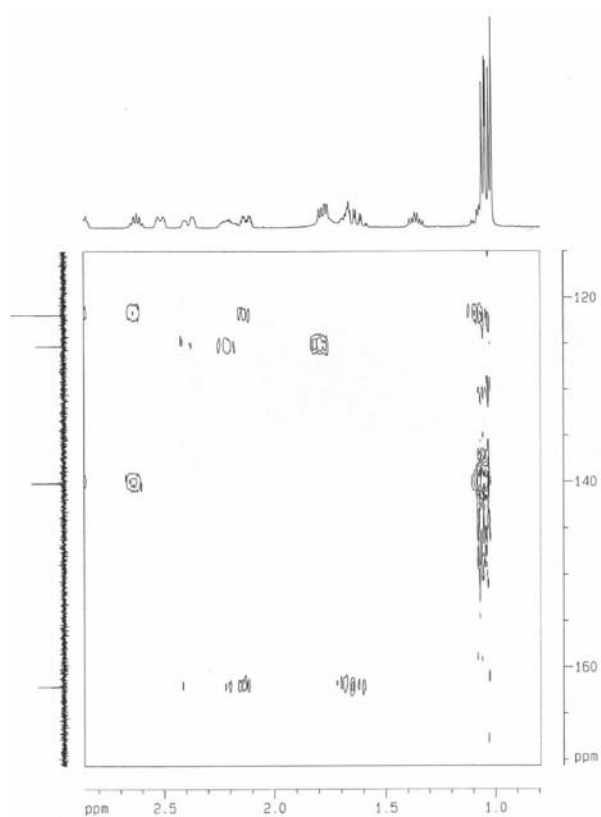


Figure S17. Expansion 3 HMBC NMR experiment (CDCl_3 , 500×125 MHz) of compound (1) isolated from leaves of *Stemodia maritima*.

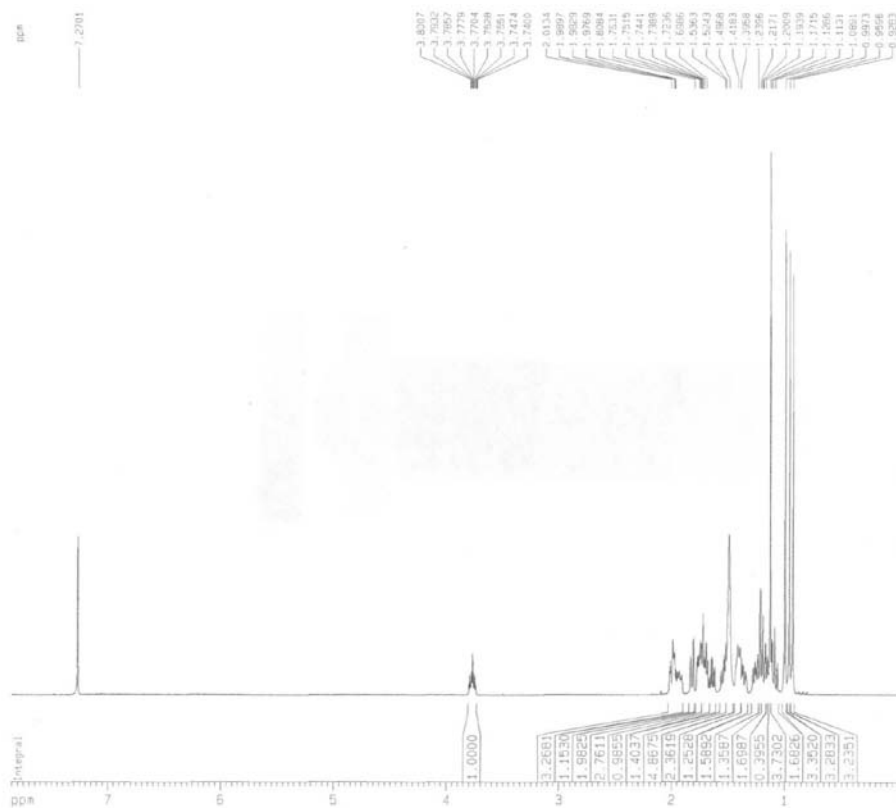


Figure S18. ^1H NMR spectrum (CDCl_3 , 500 MHz) of compound (2) isolated from leaves of *Stemodia maritima*.

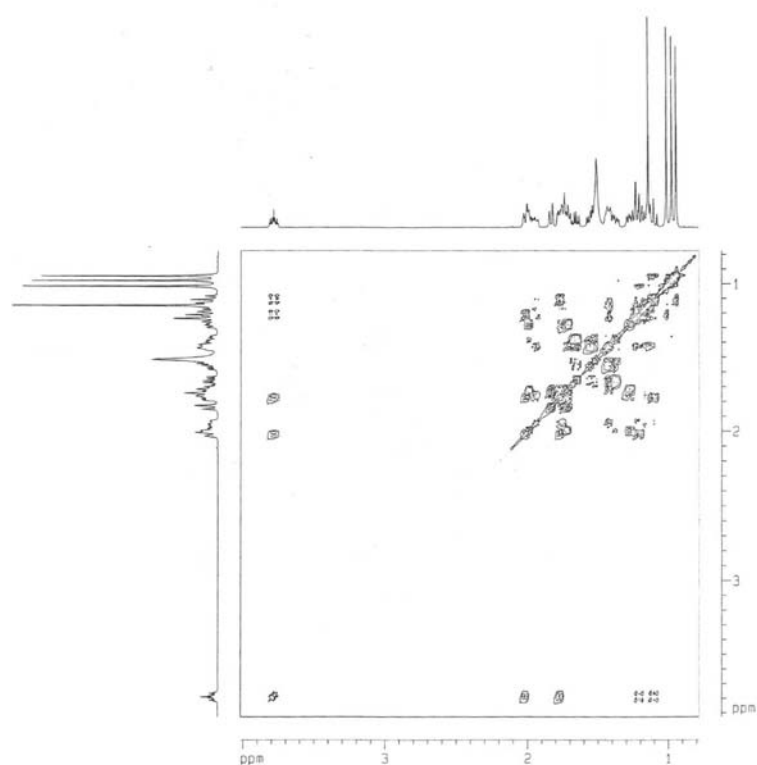


Figure S19. COSY NMR experiment (CDCl₃, 500 MHz) of compound (2) isolated from leaves of *Stemodia maritima*.

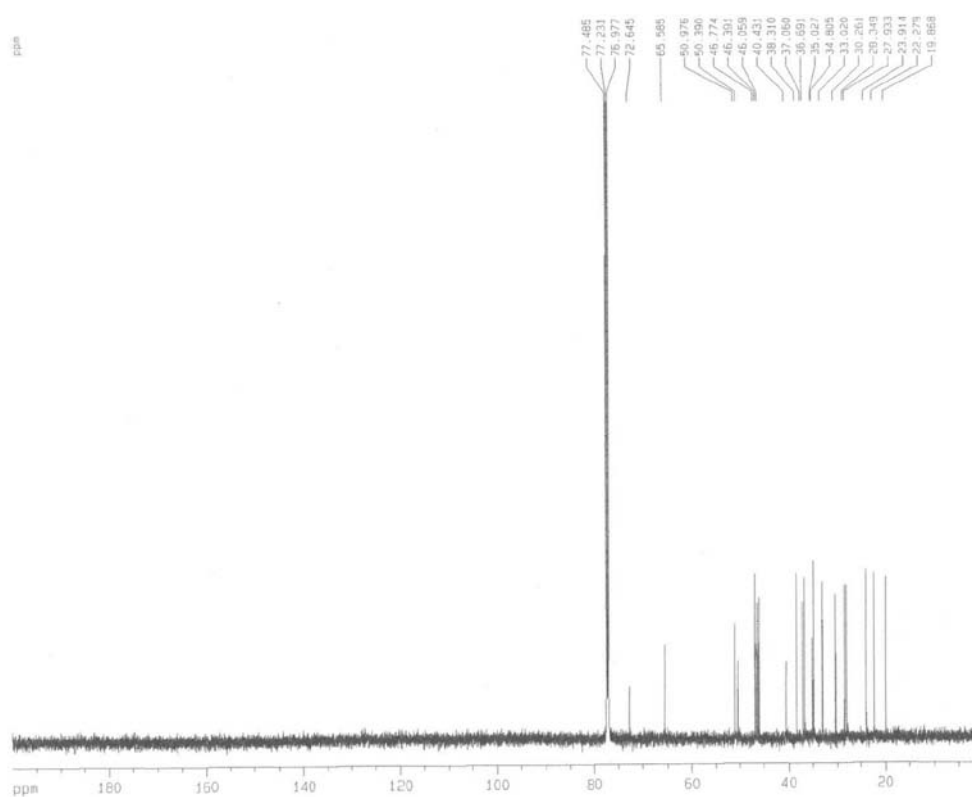


Figure S20. ¹³C RMN spectrum (CDCl₃, 125MHz) of compound (2) isolated from leaves of *Stemodia maritima*.

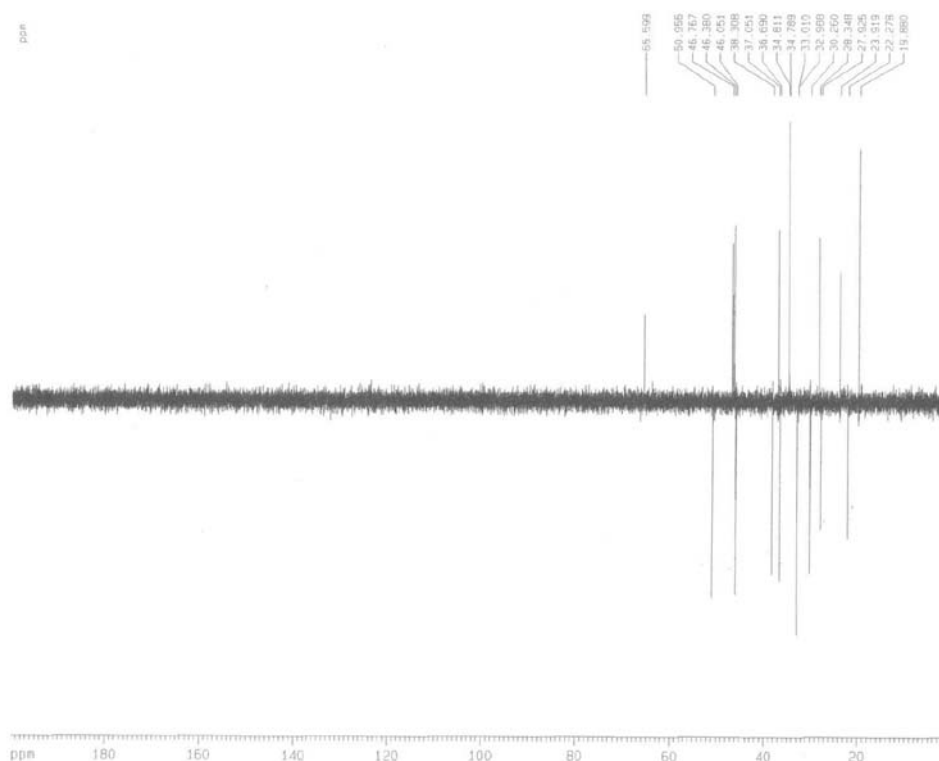


Figure S21. DEPT NMR experiment (CDCl₃, 125 MHz) of compound (2) isolated from leaves of *Stemodia maritima*.

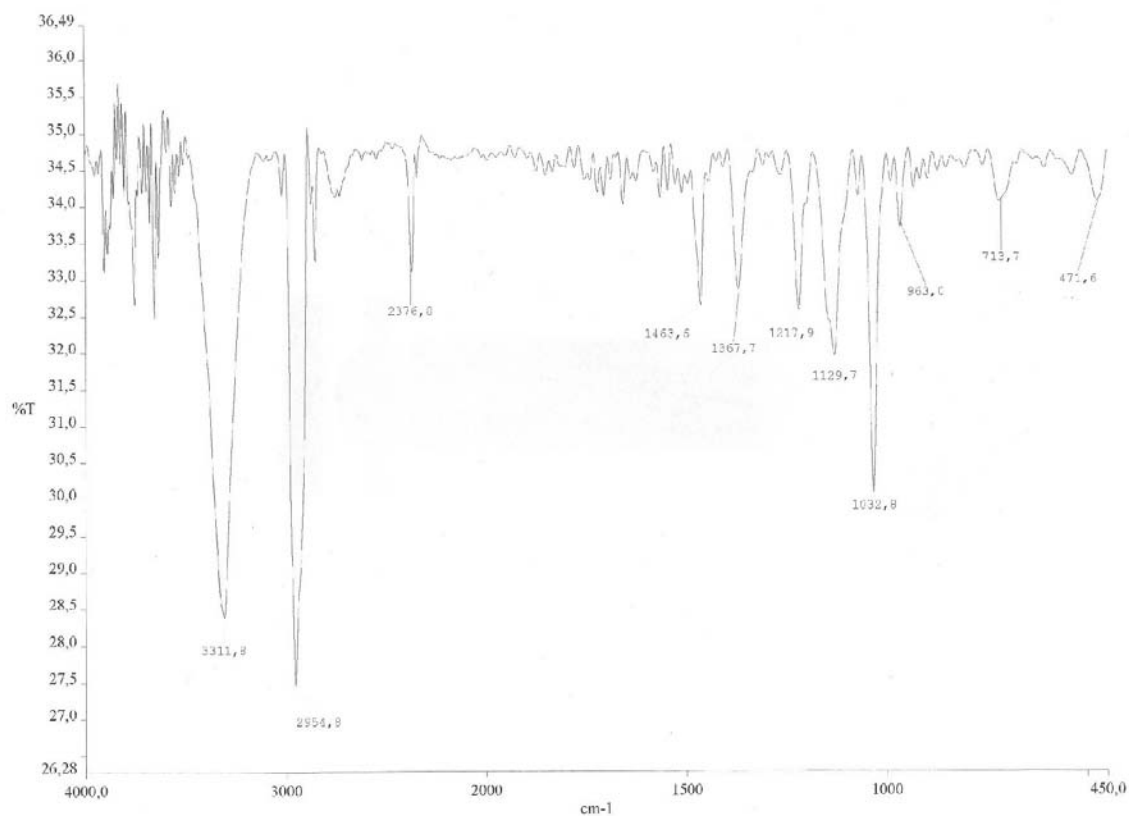


Figure S22. IR spectrum of compound (2) isolated from leaves of *Stemodia maritima*

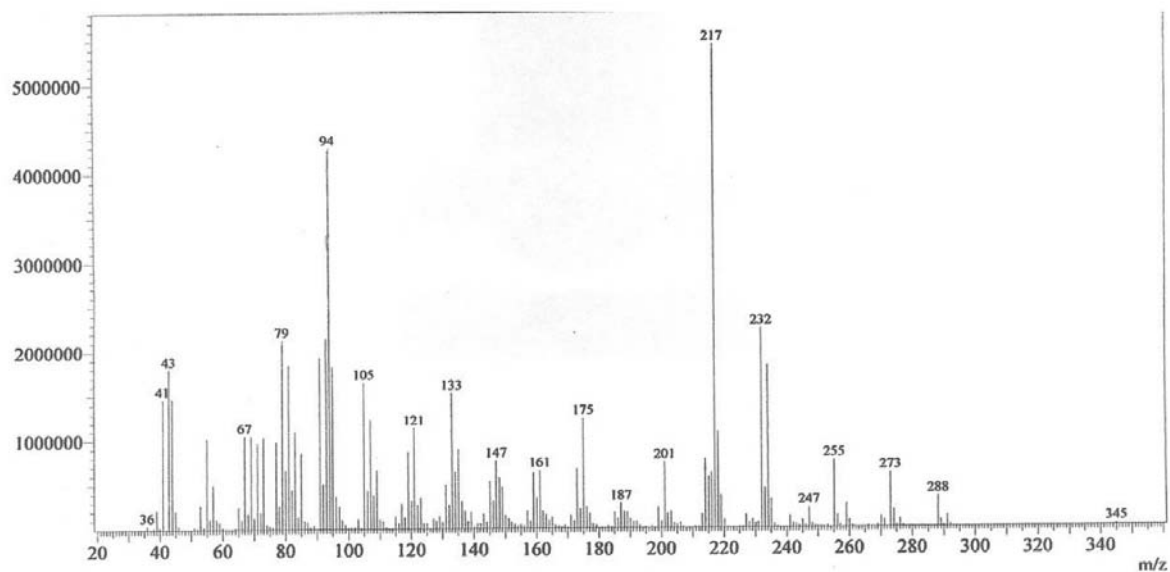


Figure S23. MS of compound (2) isolated from leaves of *Stemodia maritima*.

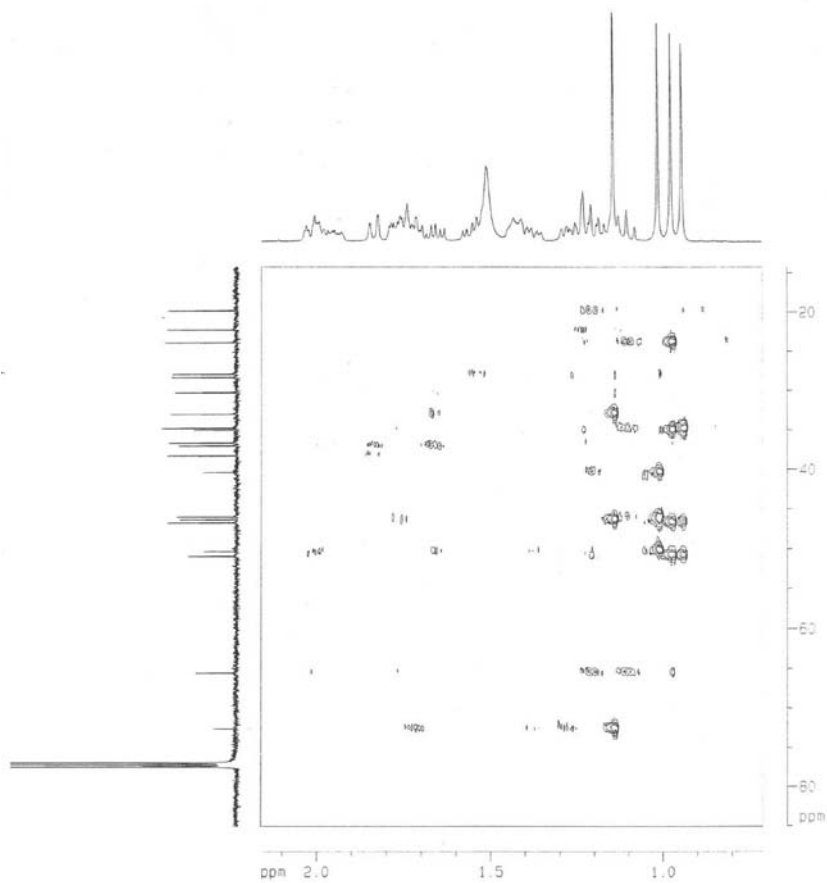


Figure S24. HMBC NMR experiment ($CDCl_3$, 500×125 MHz) of compound (2) isolated from leaves of *Stemodia maritima*.

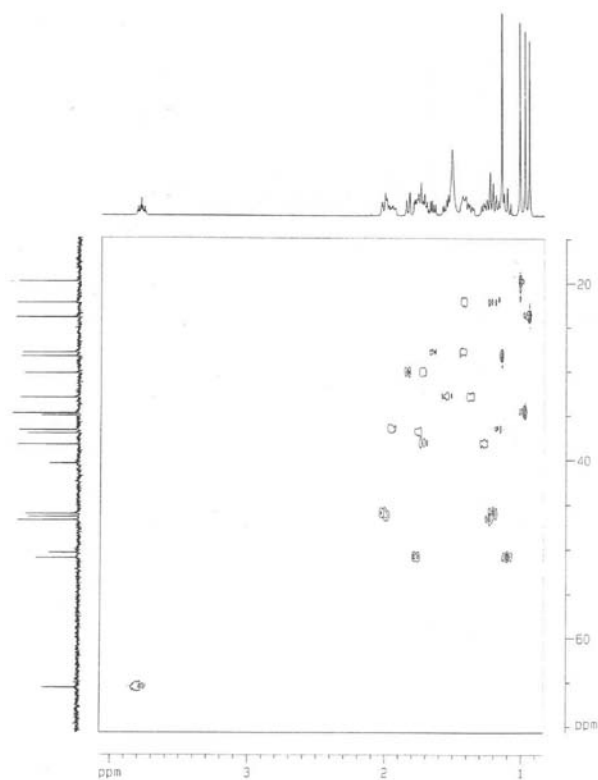


Figure S25. HSQC NMR experiment (CDCl₃, 500×125 MHz) of compound (2) isolated from leaves of *Stemodia maritima*.

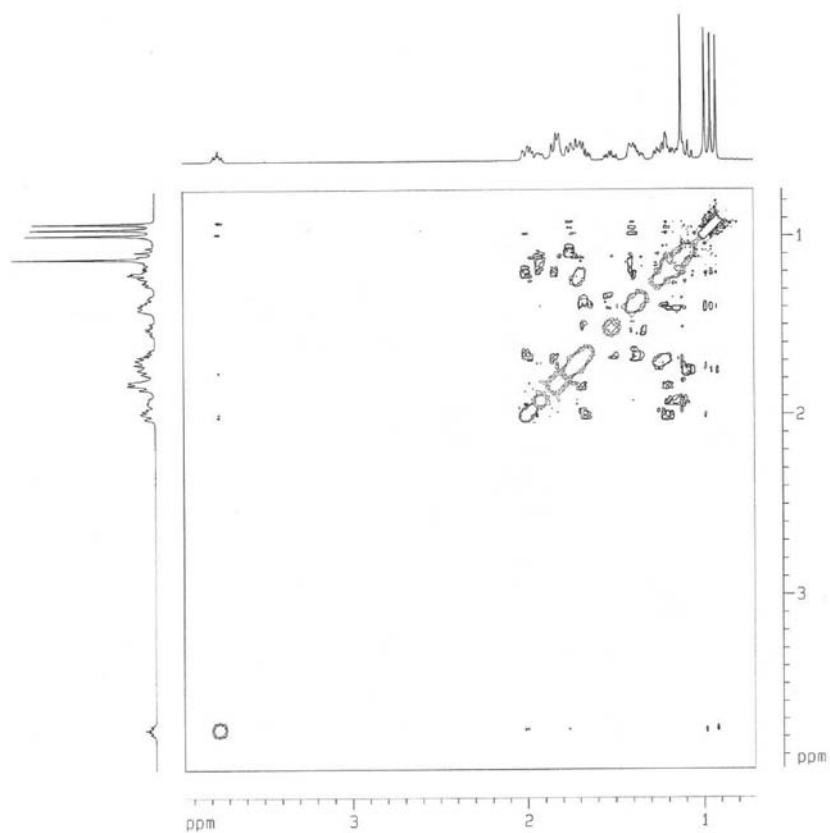


Figure S26. NOESY NMR experiment (CDCl₃, 500 MHz) of compound (2) isolated from leaves of *Stemodia maritima*.

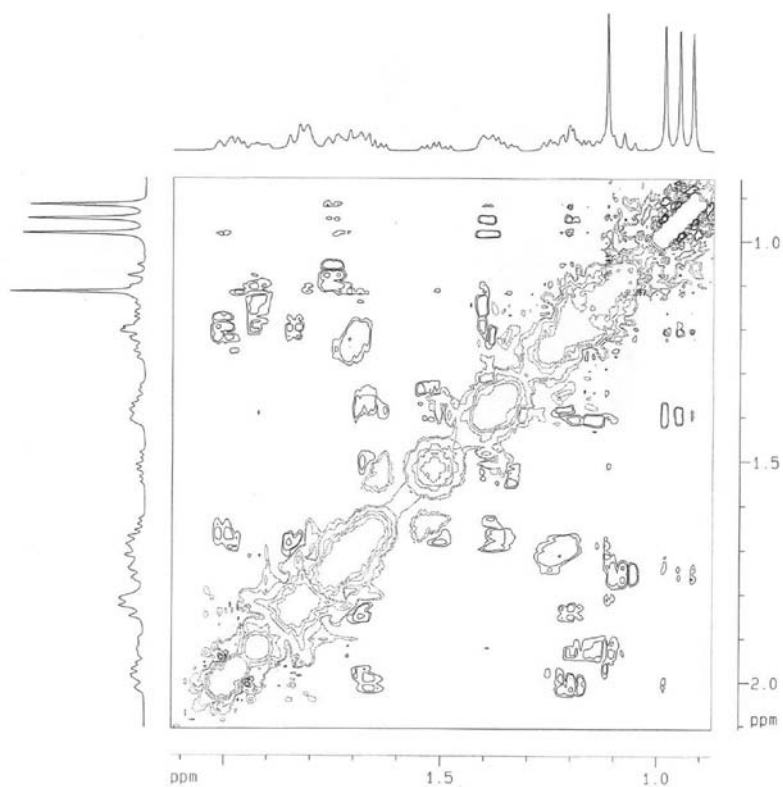


Figure S27. Expansion NOESY NMR experiment (CDCl₃, 500MHz) of compound (2) isolated from leaves of *Stemodia maritima*.

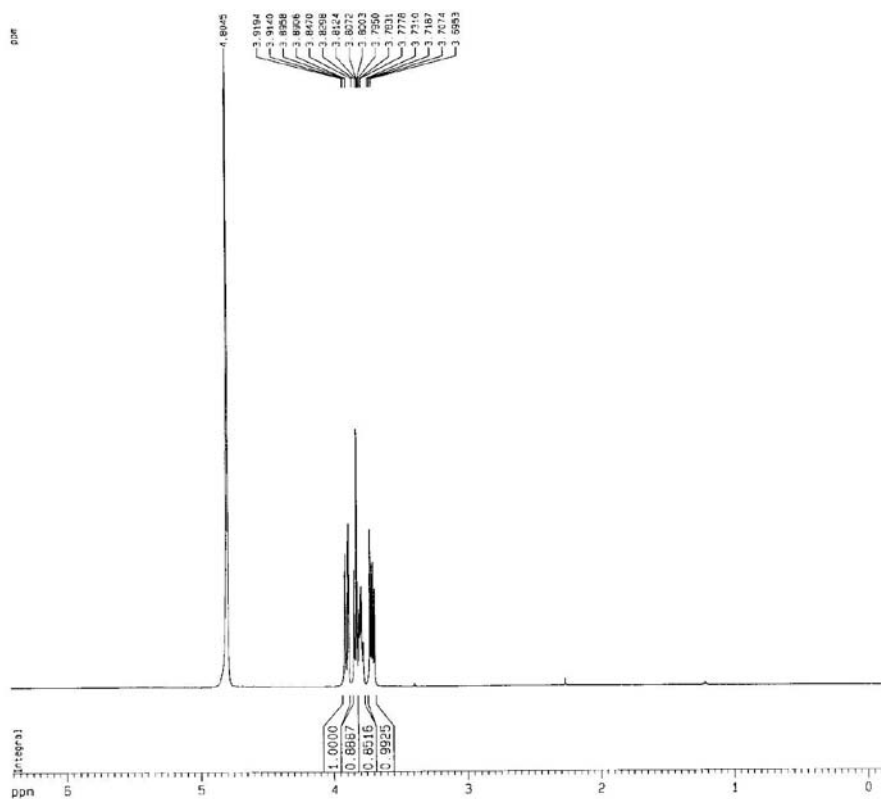


Figure S28. ¹H NMR spectrum (CDCl₃, 500 MHz) of D-mannitol isolated from stems of *Stemodia maritima*.

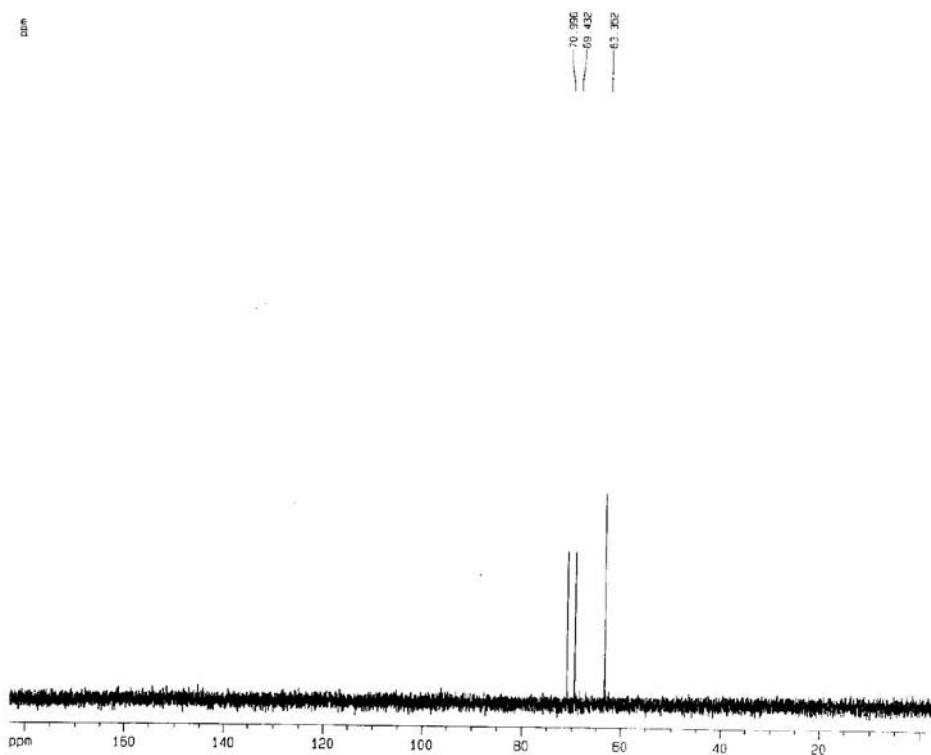


Figure S29 ^{13}C NMR spectrum (CDCl_3 , 125MHz) of D-mannitol isolated from stems of *Stemodia maritima*.

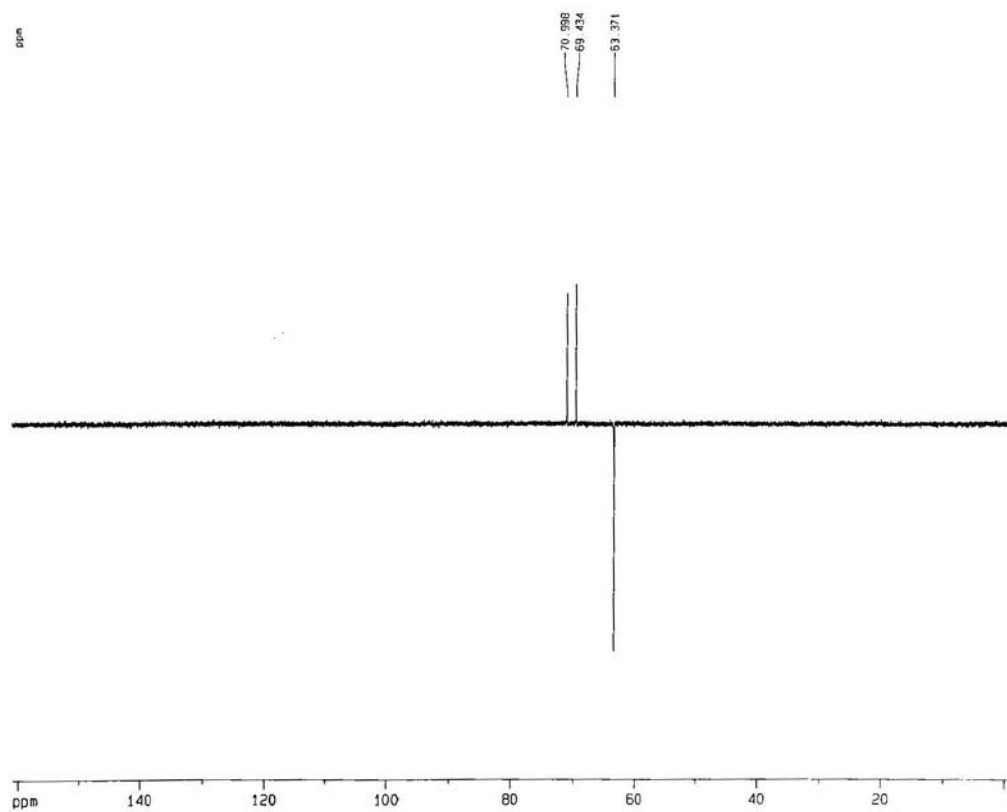


Figure S30. DEPT NMR experiment (CDCl_3 , 125 MHz) of D-mannitol isolated from stems of *Stemodia maritima*.

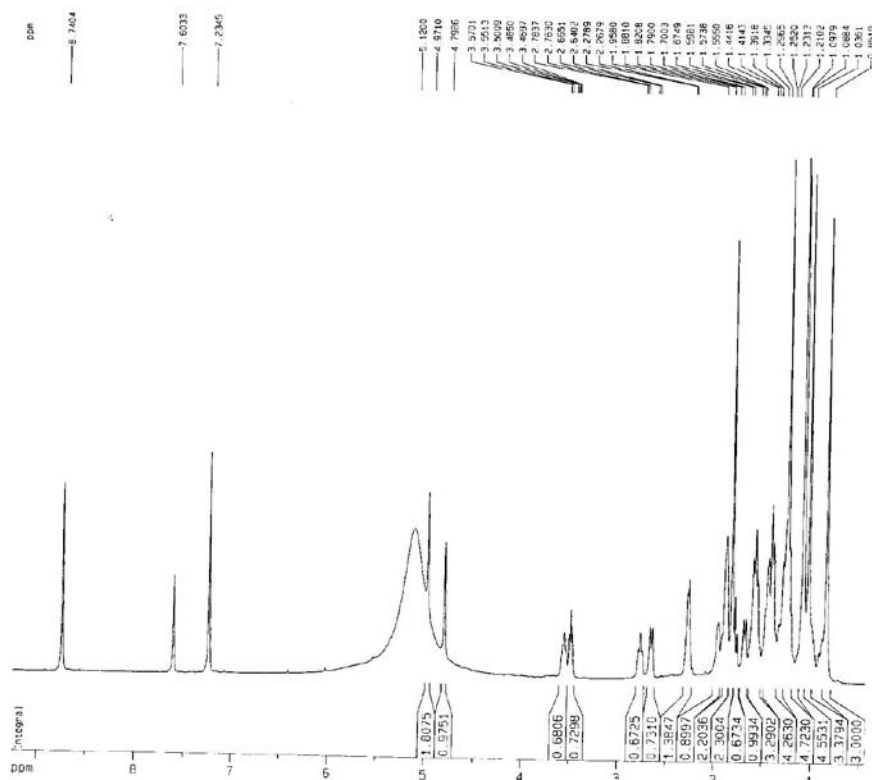


Figure S31. ¹H NMR spectrum (C₃D₅N, 500 MHz) of betulinic acid isolated from stems of *Stemodia maritima*.

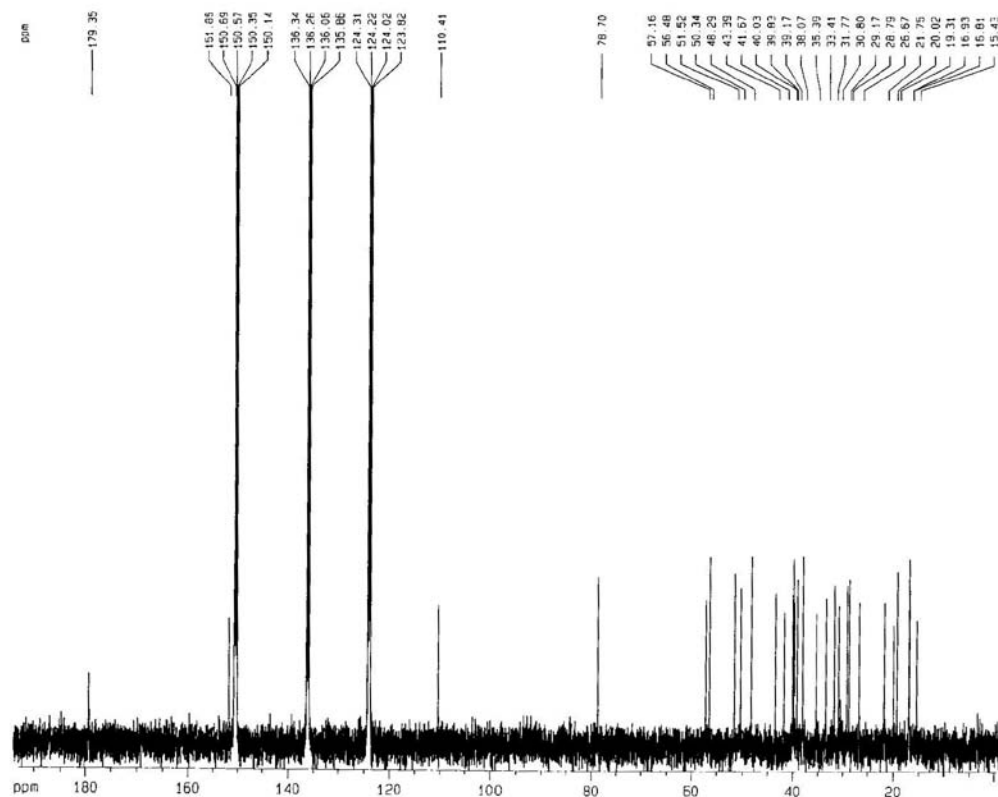


Figure S32. ¹³C RMN spectrum (C₃D₅N, 125 MHz) of betulinic acid isolated from stems of *Stemodia maritima*.

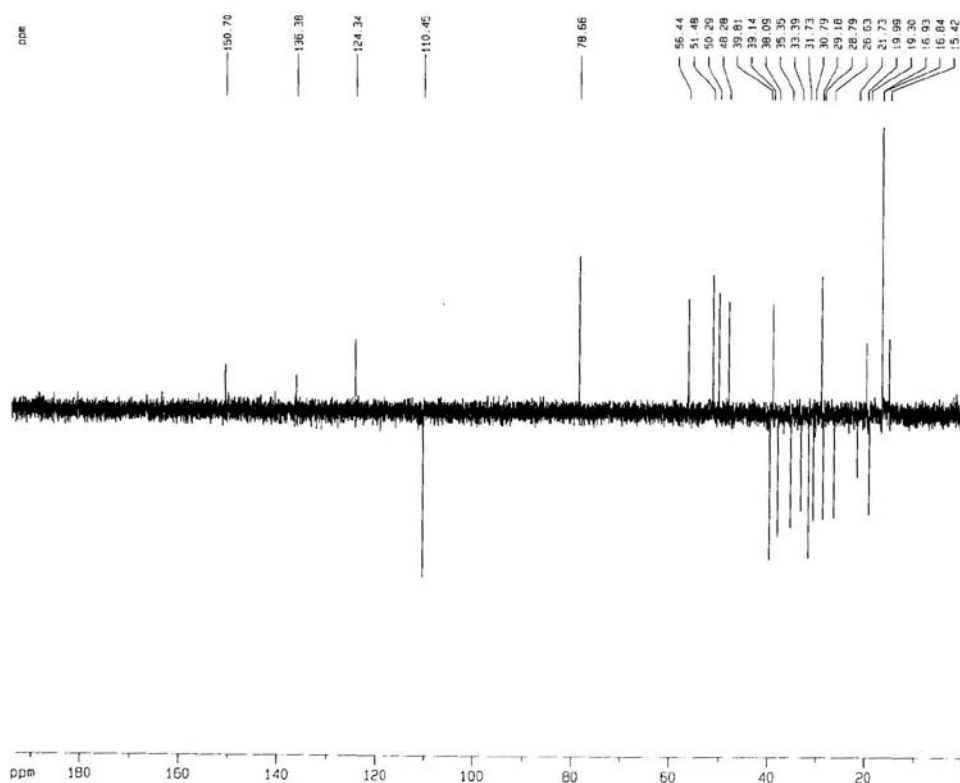


Figure S33. DEPT NMR experiment (C_5D_5N , 125 MHz) of betulinic acid isolated from stems of *Stemodia maritima*.

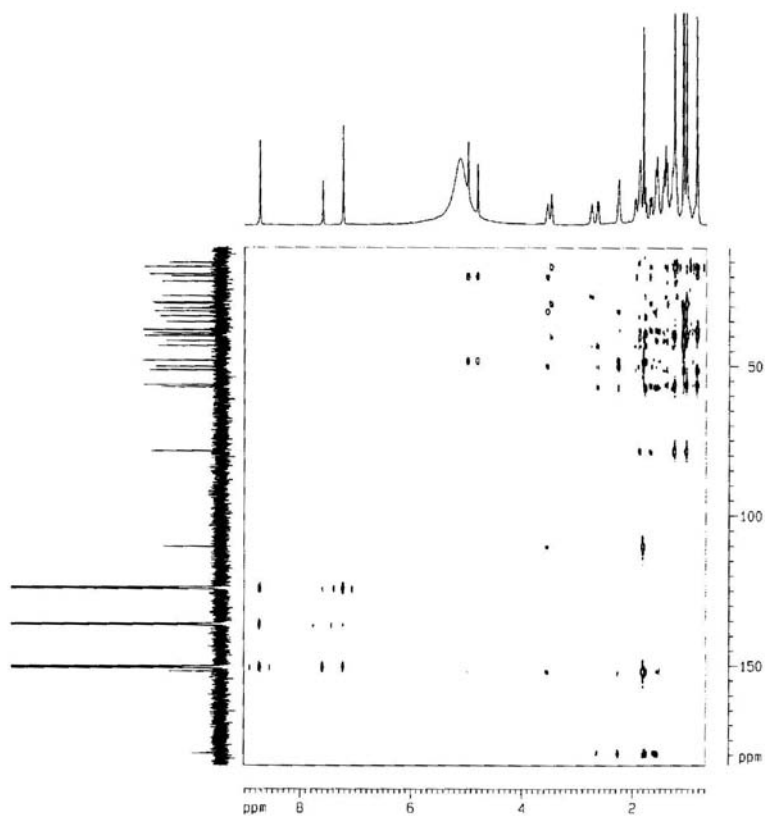


Figure S34. HMBC NMR experiment (C_5D_5N , 500×125 MHz) of betulinic acid isolated from stems of *Stemodia maritima*.

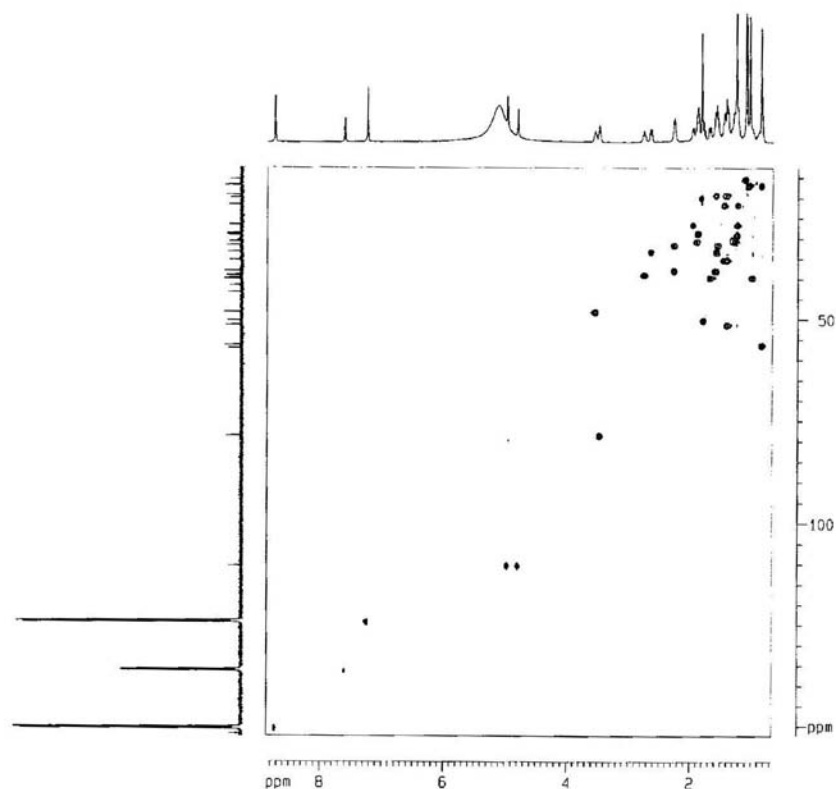


Figure S35. HSQC NMR experiment (C_5D_5N , 500 $\times$ 125 MHz) of betulinic acid isolated from stems of *Stemodia maritima*.

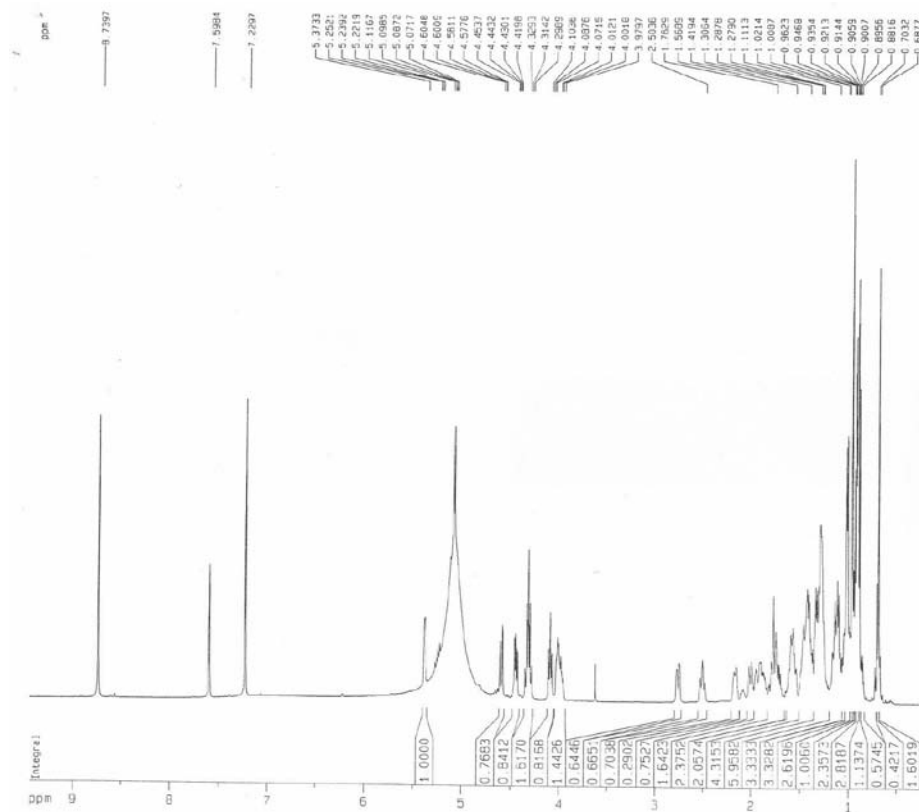


Figure S36. 1H NMR spectrum (C_5D_5N , 500 MHz) of steroidal mixture of β -*O*- β -D-glucopyranosyl- β -sitosterol and 3β -*O*- β -D-glucopyranosylstigmasterol isolated from stems of *Stemodia maritima*.

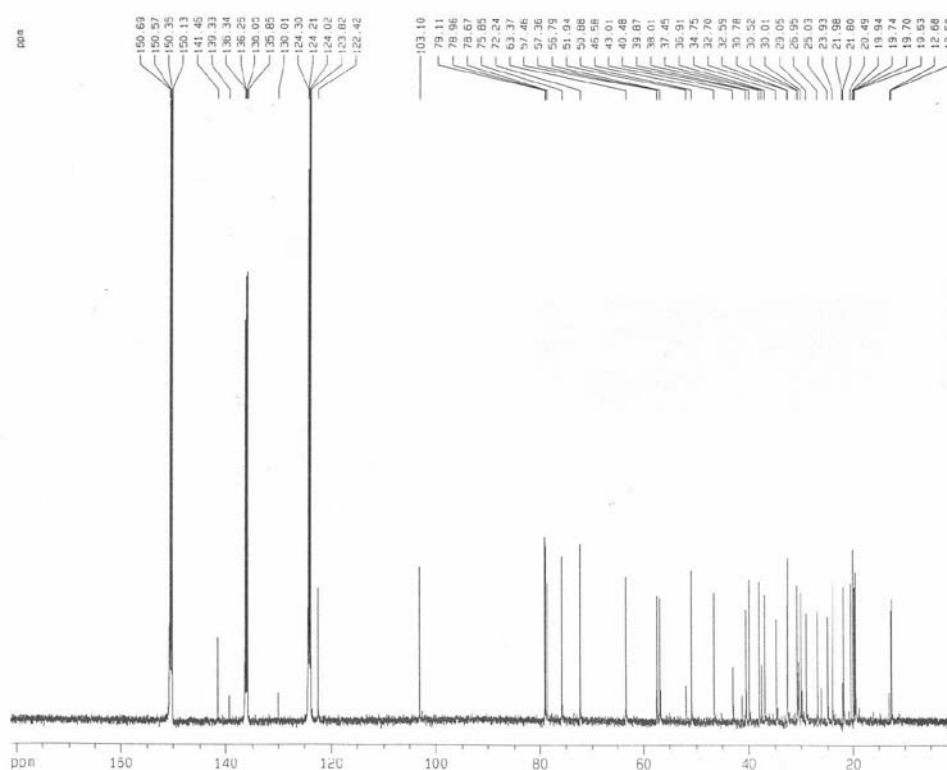


Figure S37. ^{13}C NMR spectrum ($\text{C}_5\text{D}_5\text{N}$, 125MHz) of steroidal mixture of $\beta\text{-O-}\beta\text{-D-glucopyranosyl-}\beta\text{-sitosterol}$ and $3\beta\text{-O-}\beta\text{-D-glucopyranosylstigmasterol}$ isolated from stems of *Stemodia maritima*.

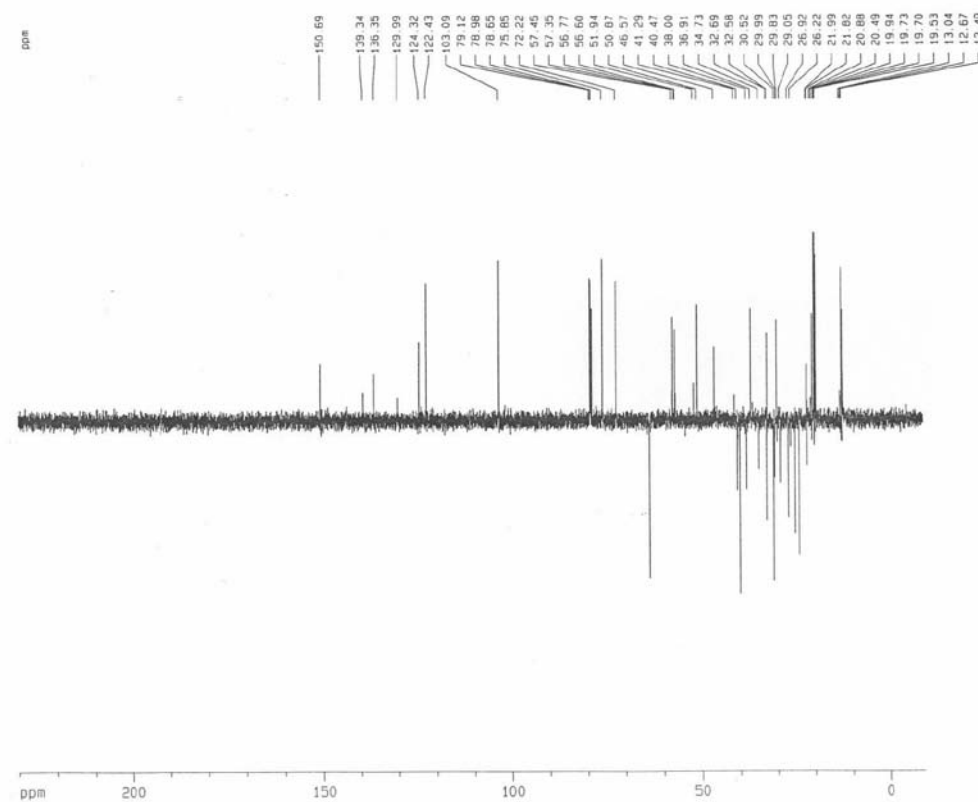


Figure S38. DEPT NMR experiment ($\text{C}_5\text{D}_5\text{N}$, 125 MHz) of steroidal mixture of $\beta\text{-O-}\beta\text{-D-glucopyranosyl-}\beta\text{-sitosterol}$ and $3\beta\text{-O-}\beta\text{-D-glucopyranosylstigmasterol}$ isolated from stems of *Stemodia maritima*.

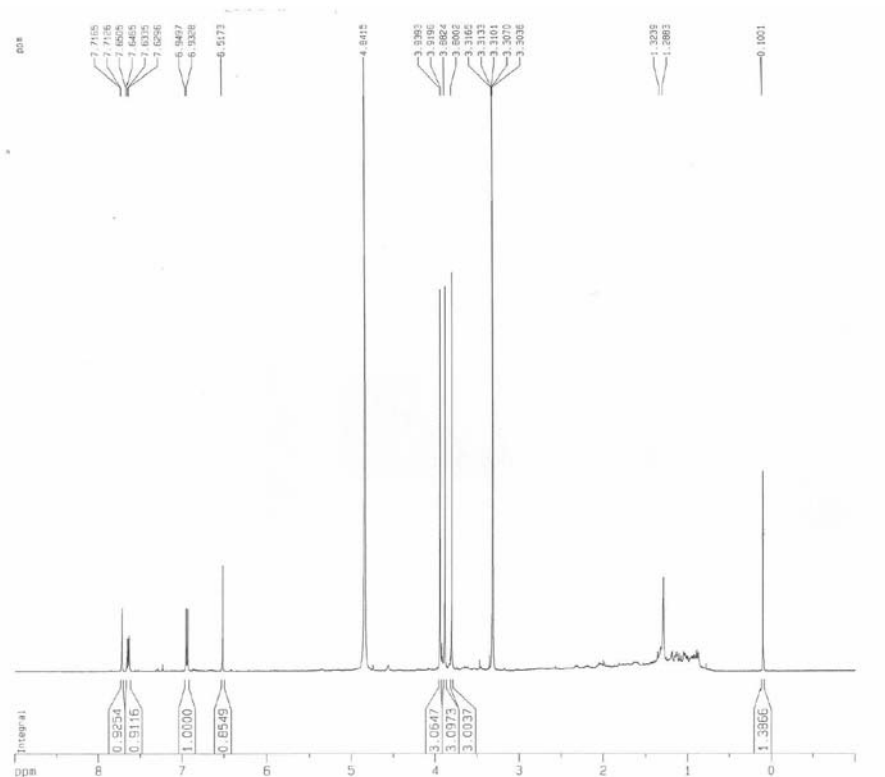


Figure S39. ^1H NMR spectrum (CD_3OD , 500 MHz) of 5,7,4'-trihydroxy-3,8,3'-trimethoxyflavone isolated from leaves of *Stemodia maritima*.

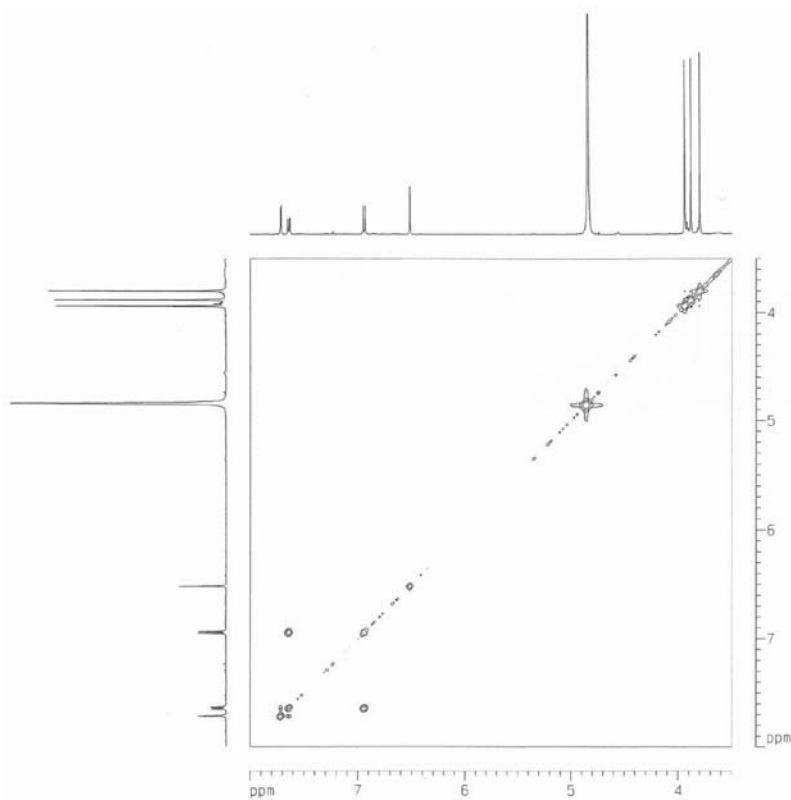


Figure S40. COSY NMR experiment (CD_3OD , 500 MHz) of 5,7,4'-trihydroxy-3,8,3'-trimethoxyflavone isolated from leaves of *Stemodia maritima*.

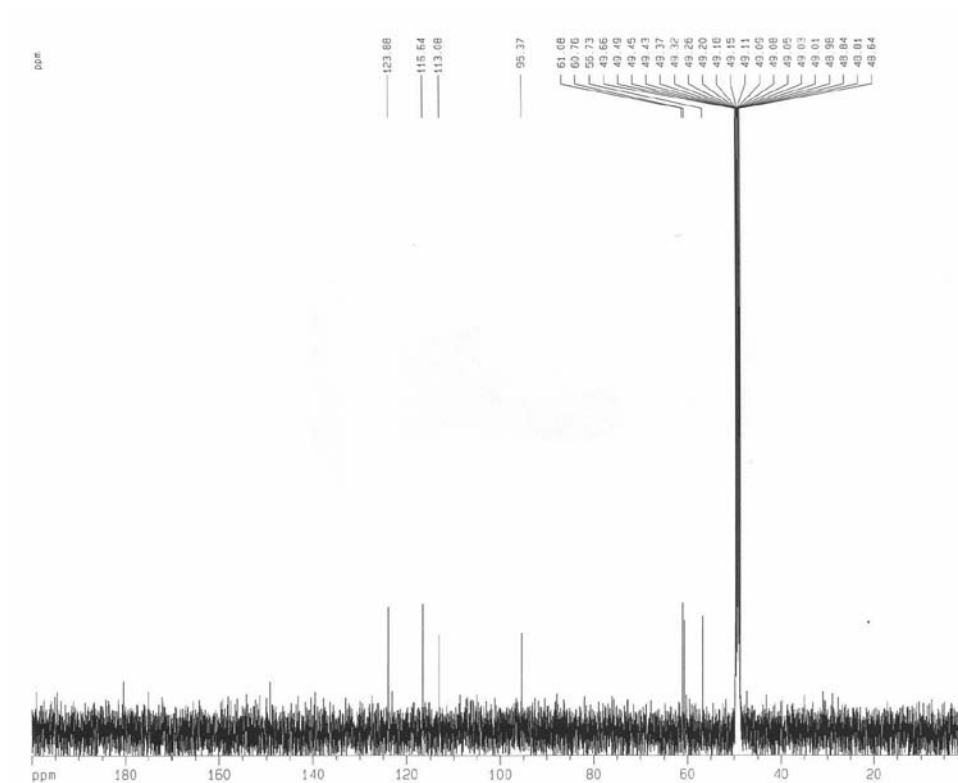


Figure S41. ^{13}C NMR spectrum (CD_3OD , 125MHz) of 5,7,4'-trihydroxy-3,8,3'-trimethoxyflavone isolated from leaves of *Stemodia maritima*.

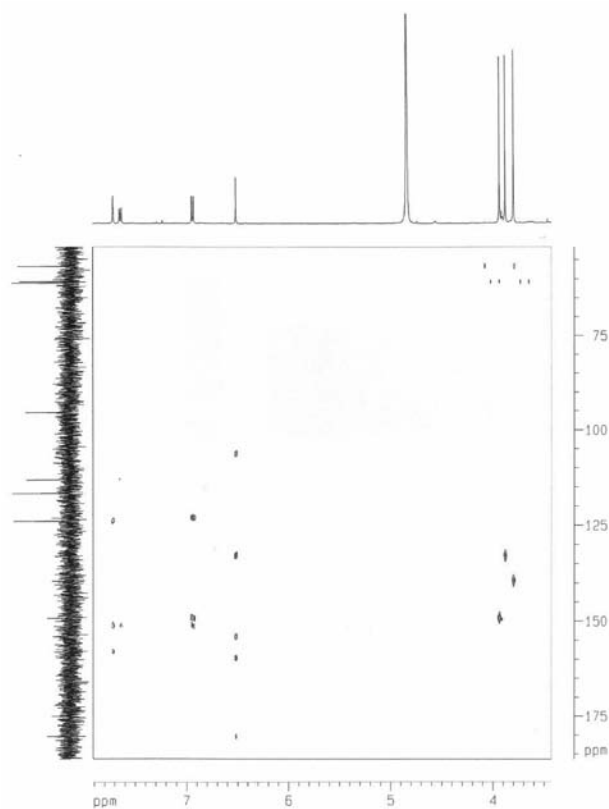


Figure S42. HMBC NMR experiment (CD_3OD , 500x125 MHz) of 5,7,4'-trihydroxy-3,8,3'-trimethoxyflavone isolated from leaves of *Stemodia maritima*.

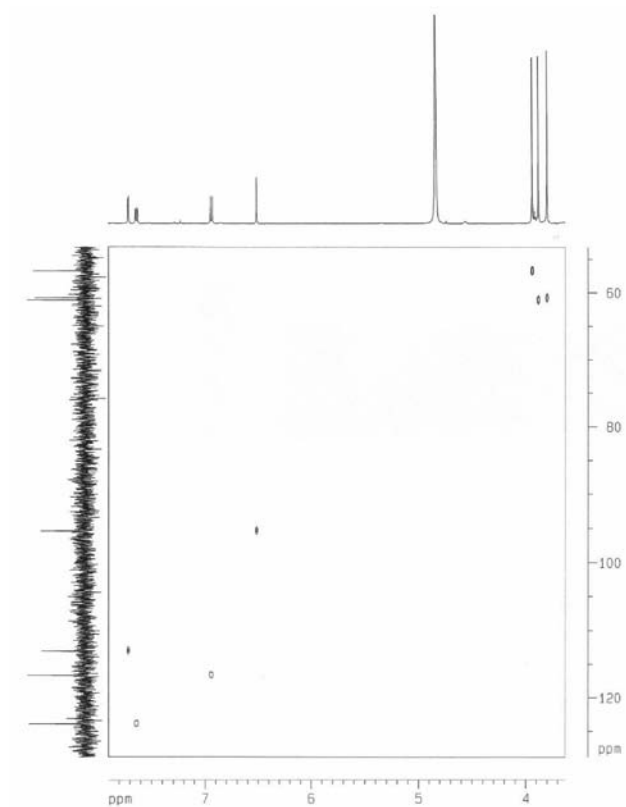


Figure S43. HSQC NMR experiment (CD_3OD , 500×125 MHz) of 5,7,4'-trihydroxy-3,8,3'-trimethoxyflavone isolated from leaves of *Stemodia maritima*.