

# Supplementary Material: New Sulphated Flavonoids from *Wissadula periplocifolia* (L.) C. Presl (Malvaceae)

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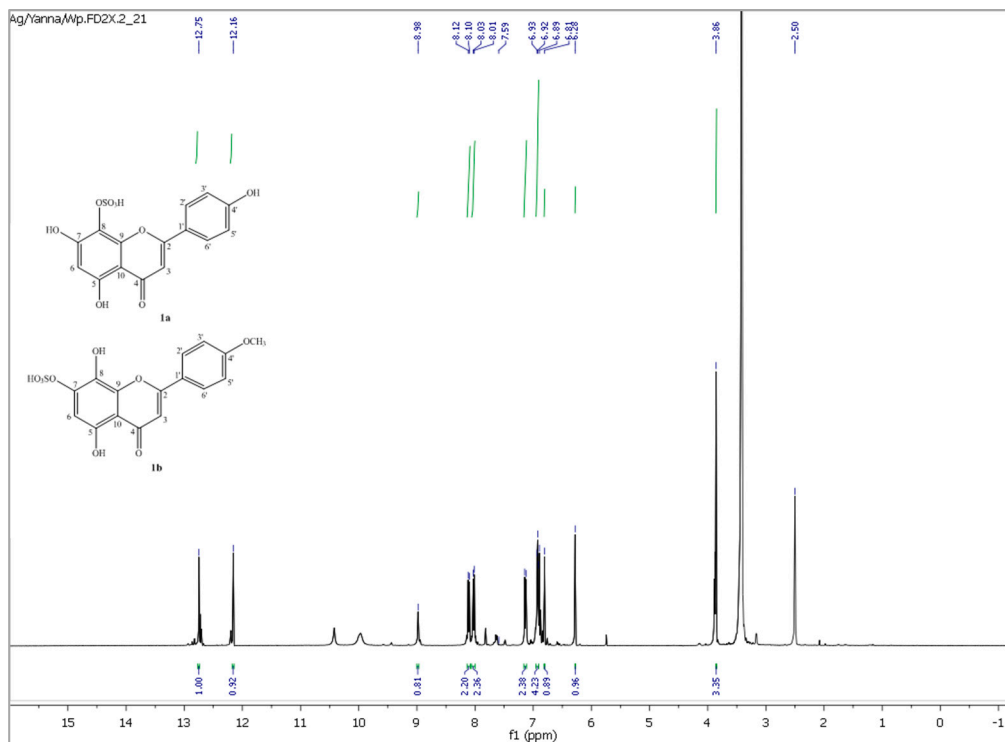


Figure S1.  $^1\text{H-NMR}$  spectrum (400 MHz, DMSO) of **1a** + **1b**.

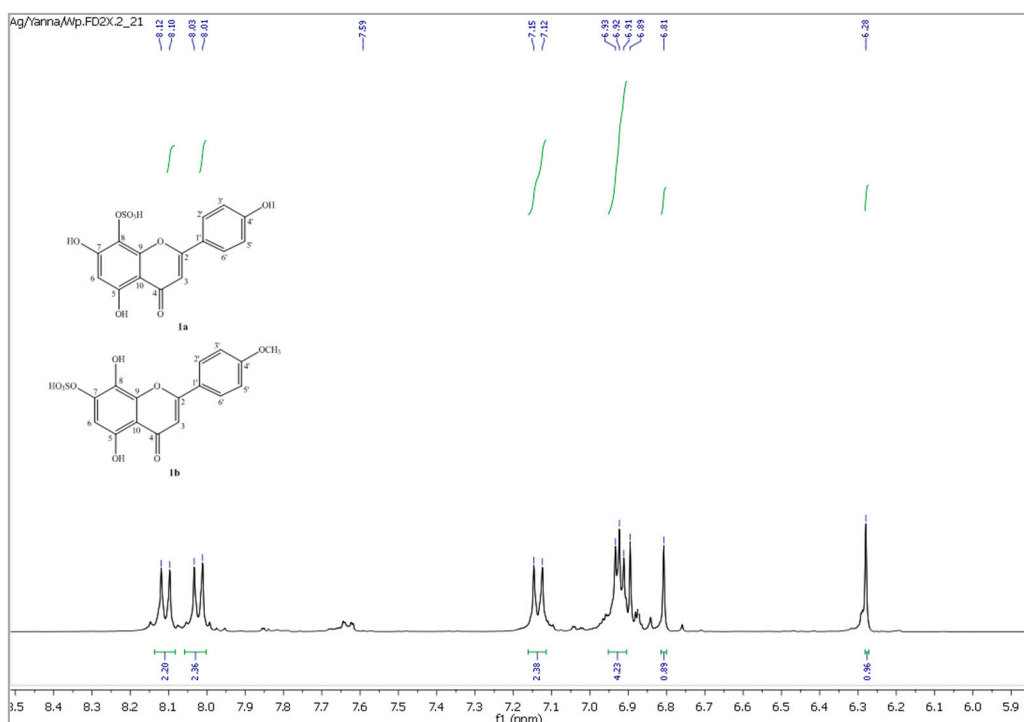


Figure S2. Expansion of  $^1\text{H-NMR}$  spectrum (400 MHz, DMSO) of **1a** + **1b**.

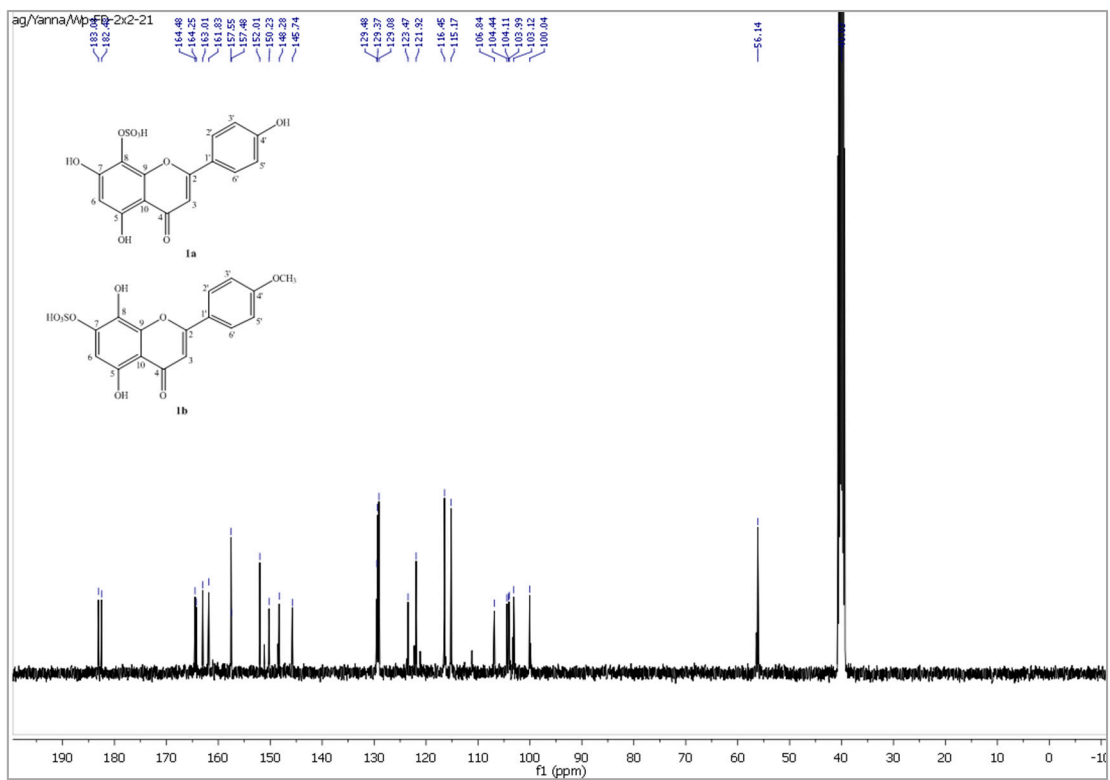


Figure S3.  $^{13}\text{C}$ -NMR spectrum (100 MHz, DMSO) of **1a** + **1b**.

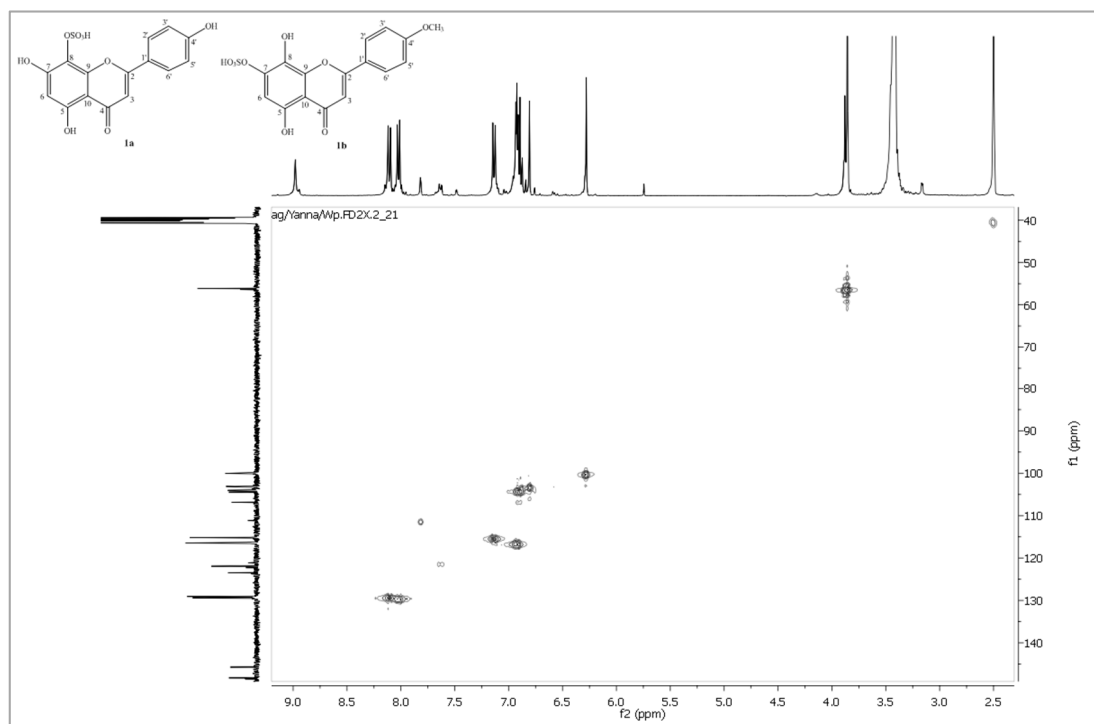


Figure S4. HMQC spectrum ( $^1\text{H}$ -NMR: 400 MHz,  $^{13}\text{C}$ -NMR: 100 MHz, DMSO) of **1a** + **1b**.

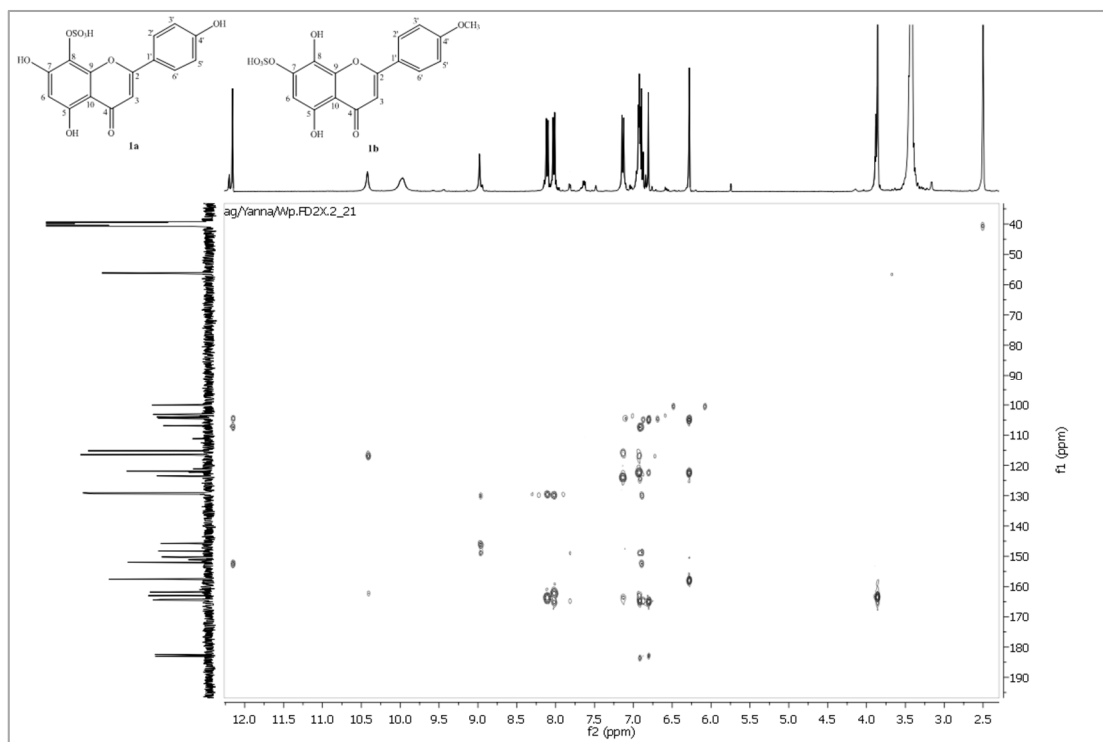


Figure S5. HMBC spectrum ( $^1\text{H-NMR}$ : 400 MHz,  $^{13}\text{C-NMR}$ : 100 MHz, DMSO) of **1a** + **1b**.

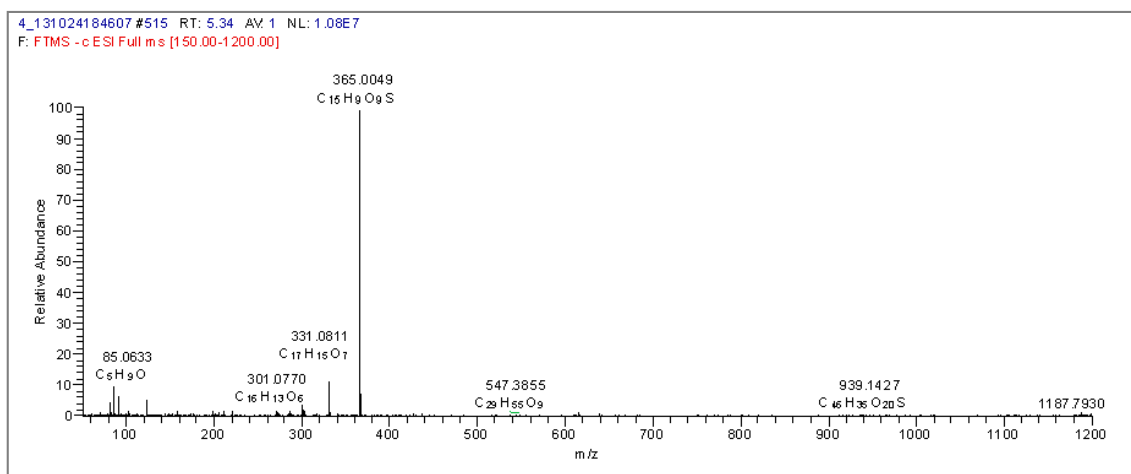


Figure S6. HRMS spectrum of compound **1a**.

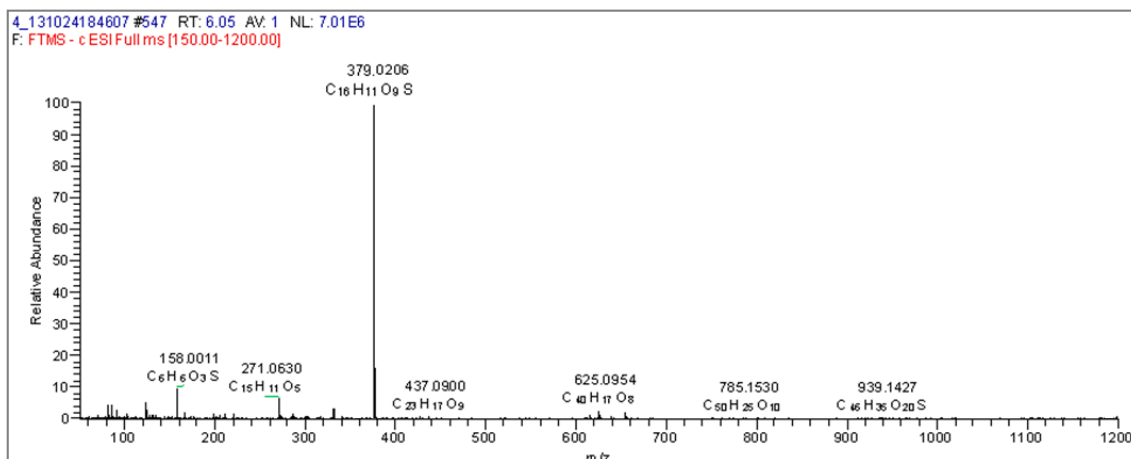


Figure S7. HRMS spectrum of compound **1b**.

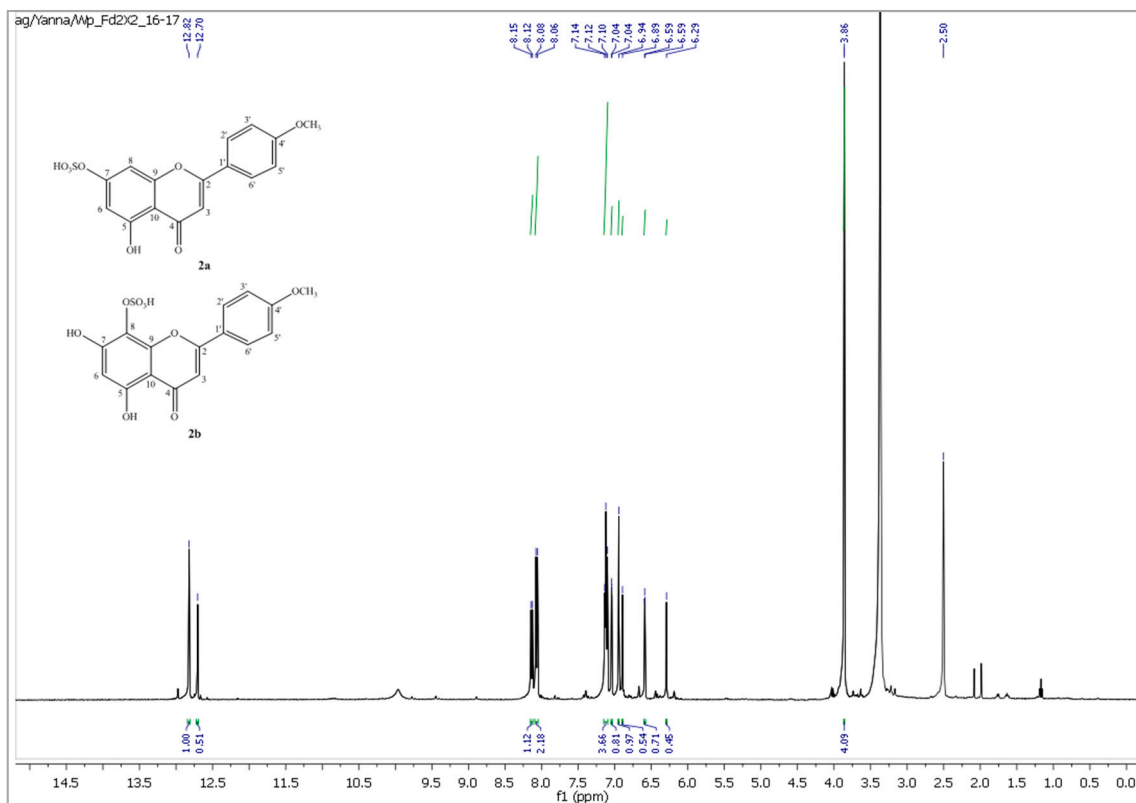


Figure S8.  $^1\text{H-NMR}$  spectrum (400 MHz, DMSO) of **2a** + **2b**.

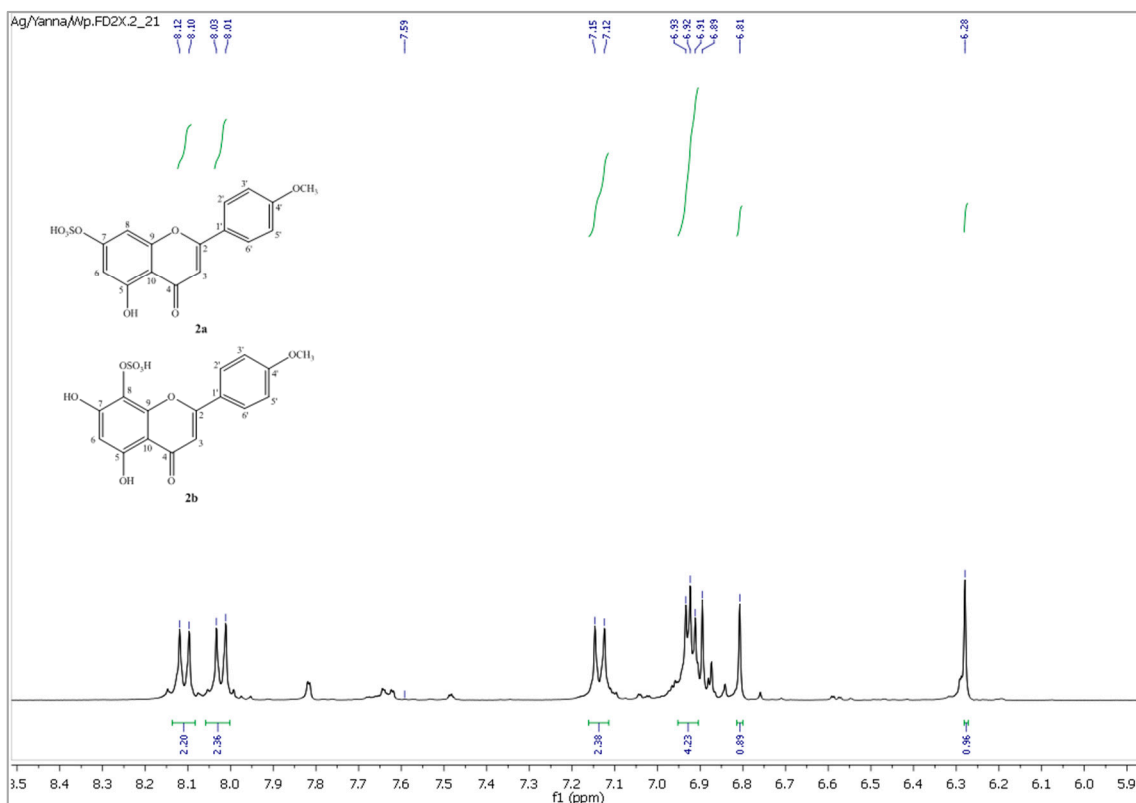


Figure S9. Expansion of  $^1\text{H-NMR}$  spectrum (400 MHz, DMSO) of **2a** + **2b**.

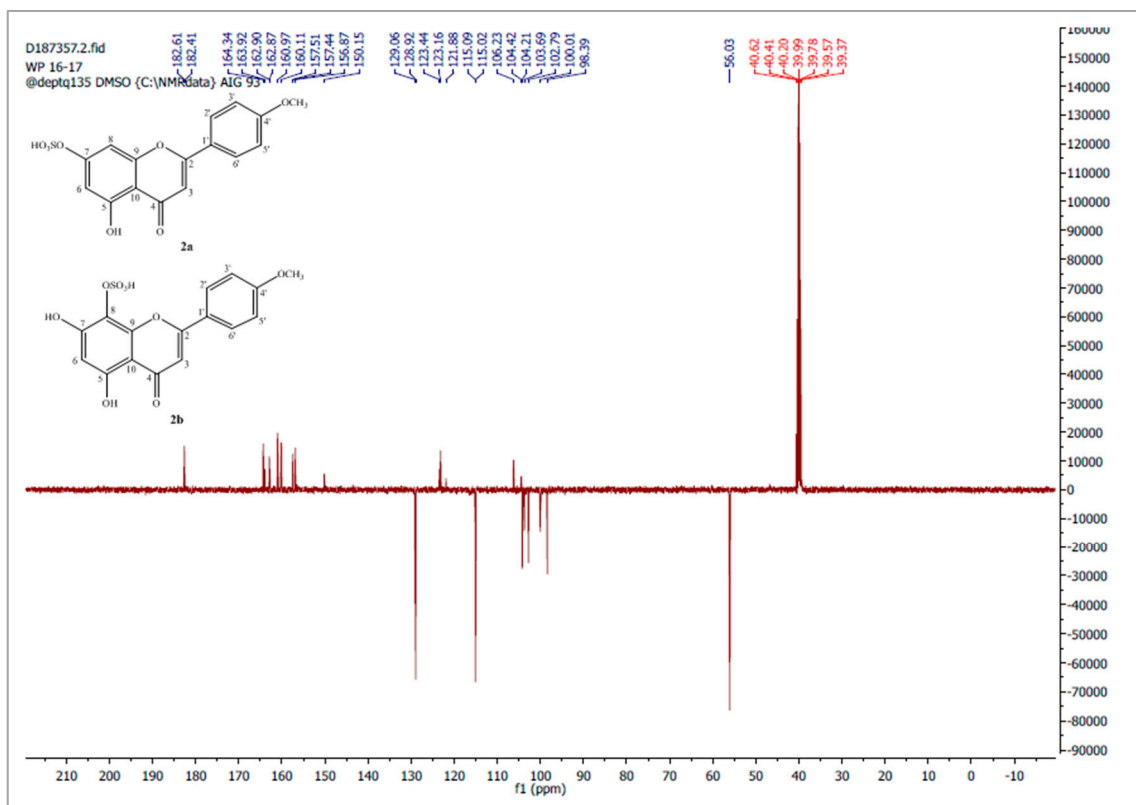


Figure S10.  $^{13}\text{C}$  DEPTQ-135 NMR spectrum (100 MHz, DMSO) of **2a** + **2b**.

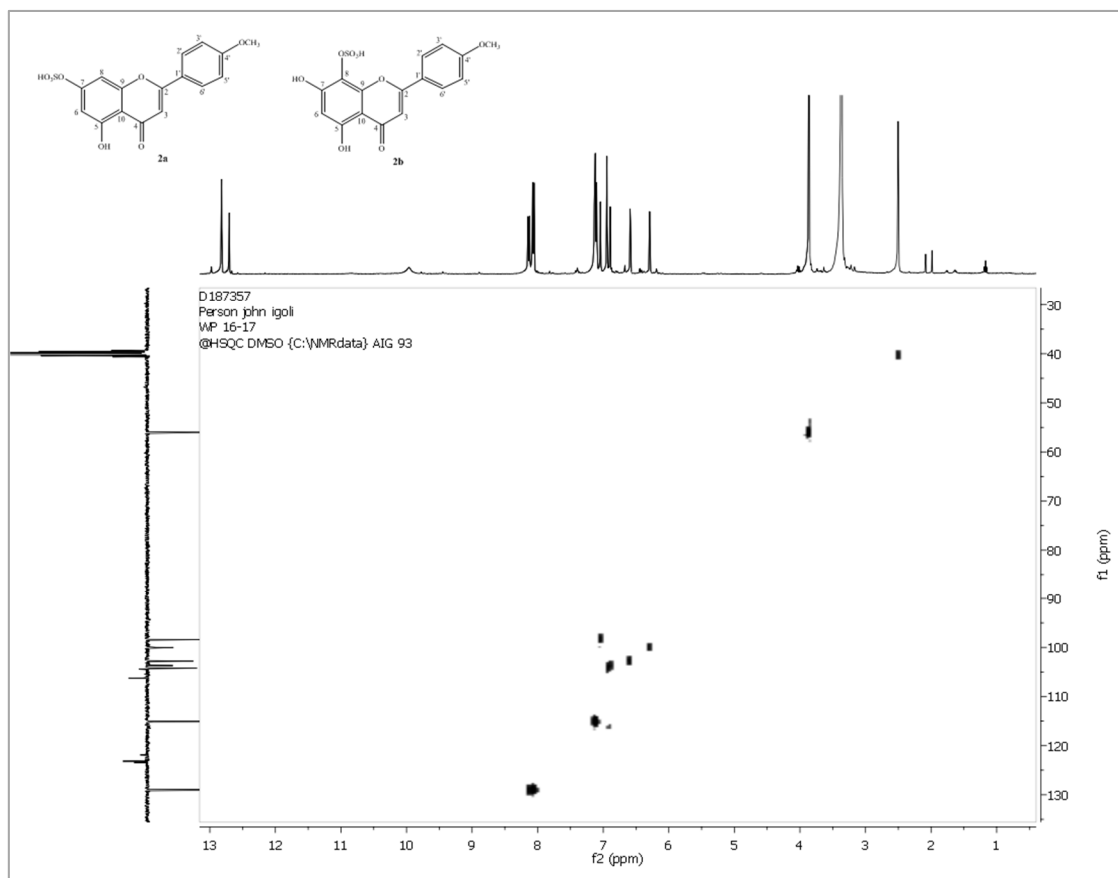


Figure S11. HSQC spectrum ( $^1\text{H}$ -NMR: 400 MHz,  $^{13}\text{C}$ -NMR: 100 MHz, DMSO) of **2a** + **2b**.

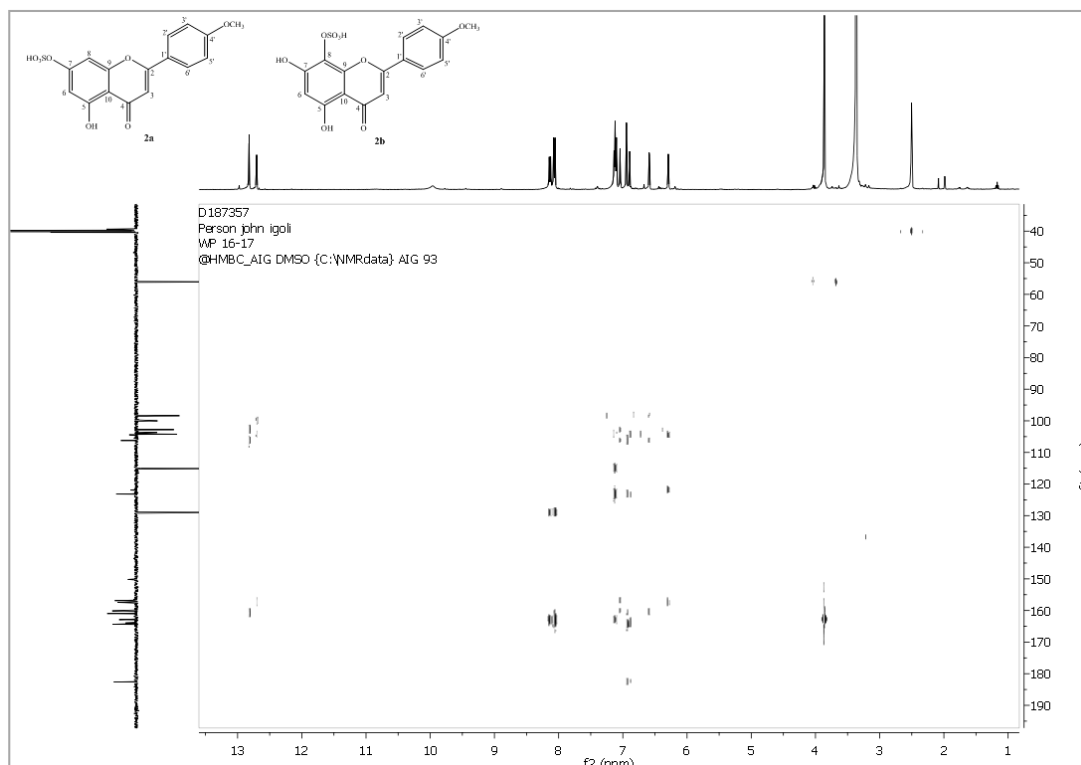


Figure S12. HMBC spectrum ( $^1\text{H-NMR}$ : 400 MHz,  $^{13}\text{C-NMR}$ : 100 MHz, DMSO) of **2a** + **2b**.

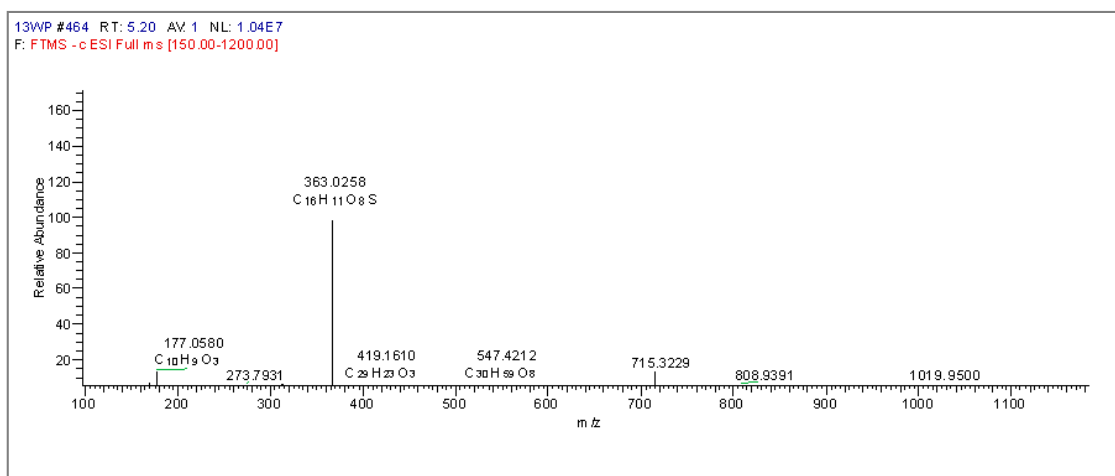


Figure S13. HRMS spectrum of compound **2a**.

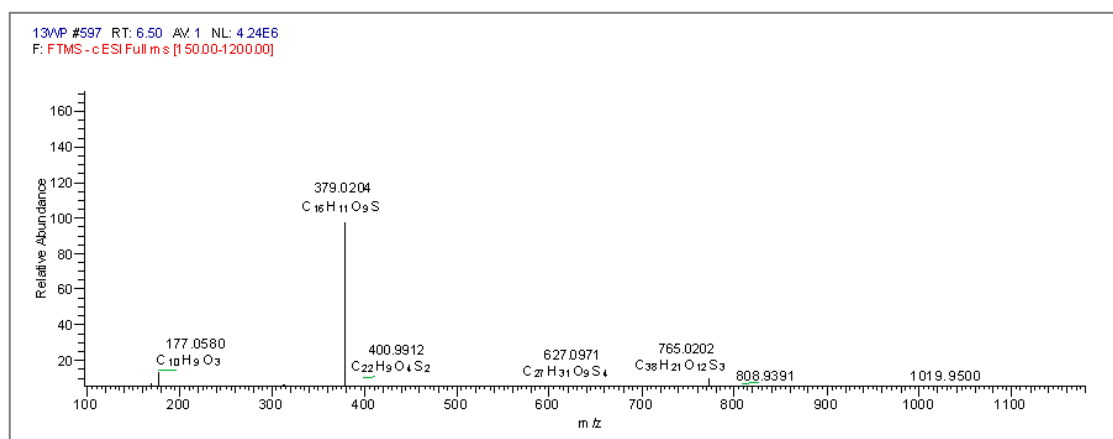


Figure S14. HRMS spectrum of compound **2b**.

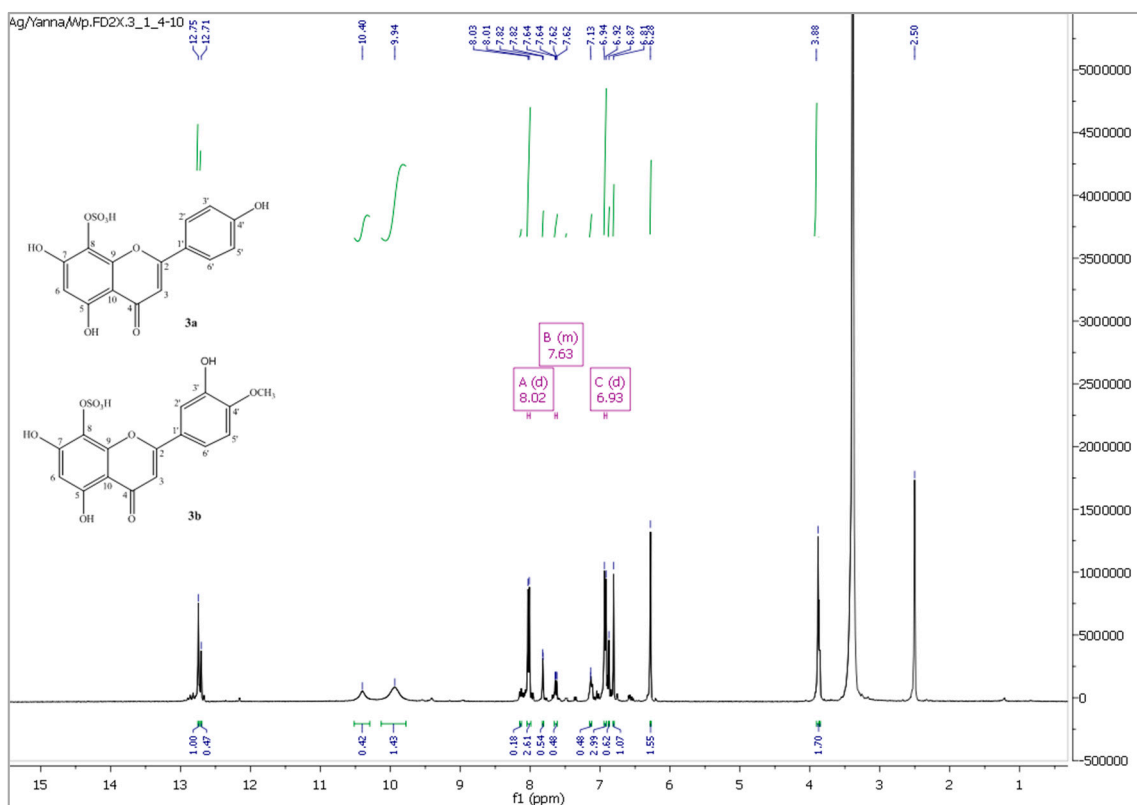


Figure S15.  $^1\text{H-NMR}$  spectrum (400 MHz, DMSO) spectrum of **3a** + **3b**.

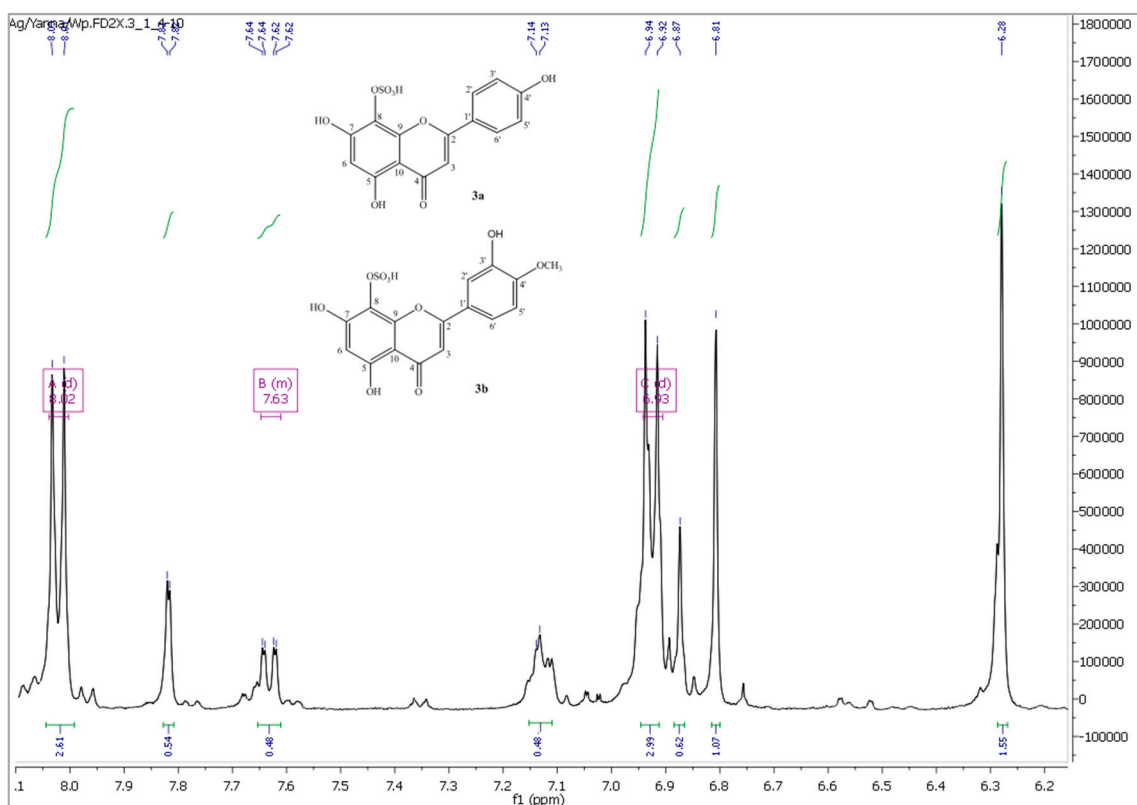


Figure S16. Expansion of  $^1\text{H-NMR}$  spectrum (400 MHz, DMSO) spectrum of **3a** + **3b**.

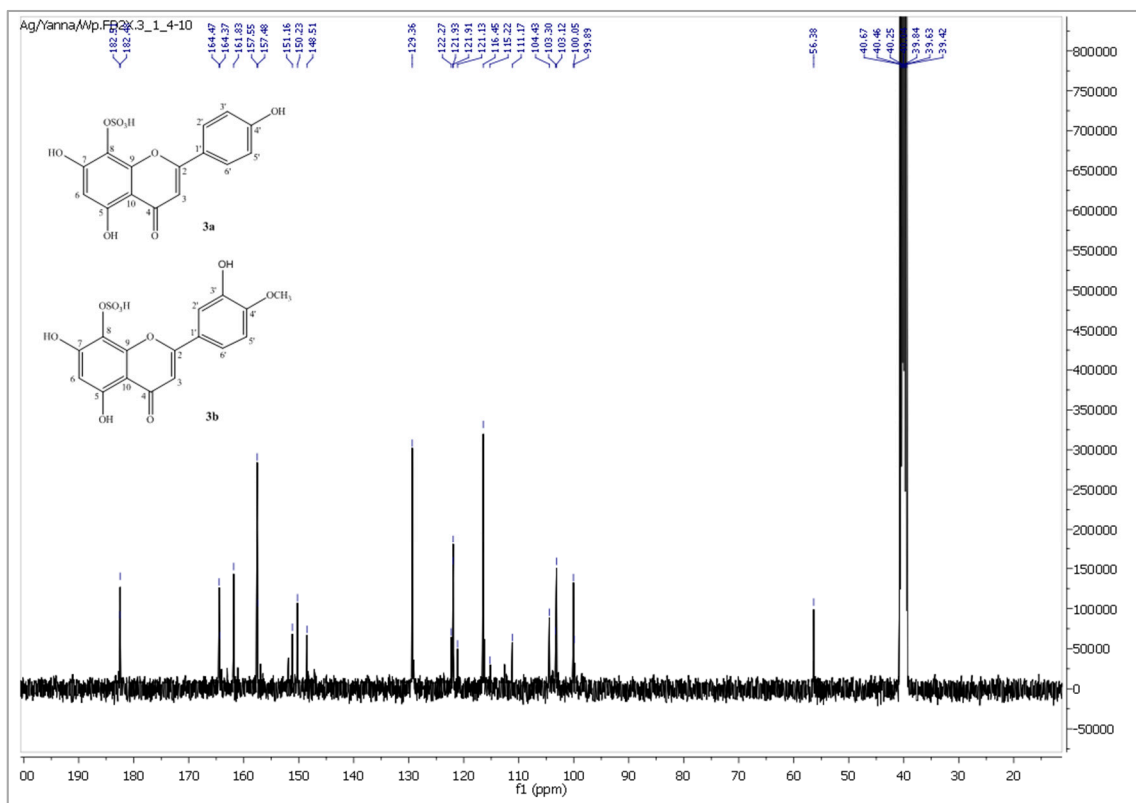


Figure S17.  $^{13}\text{C}$ -NMR spectrum (100 MHz, DMSO) spectrum of 3a + 3b.

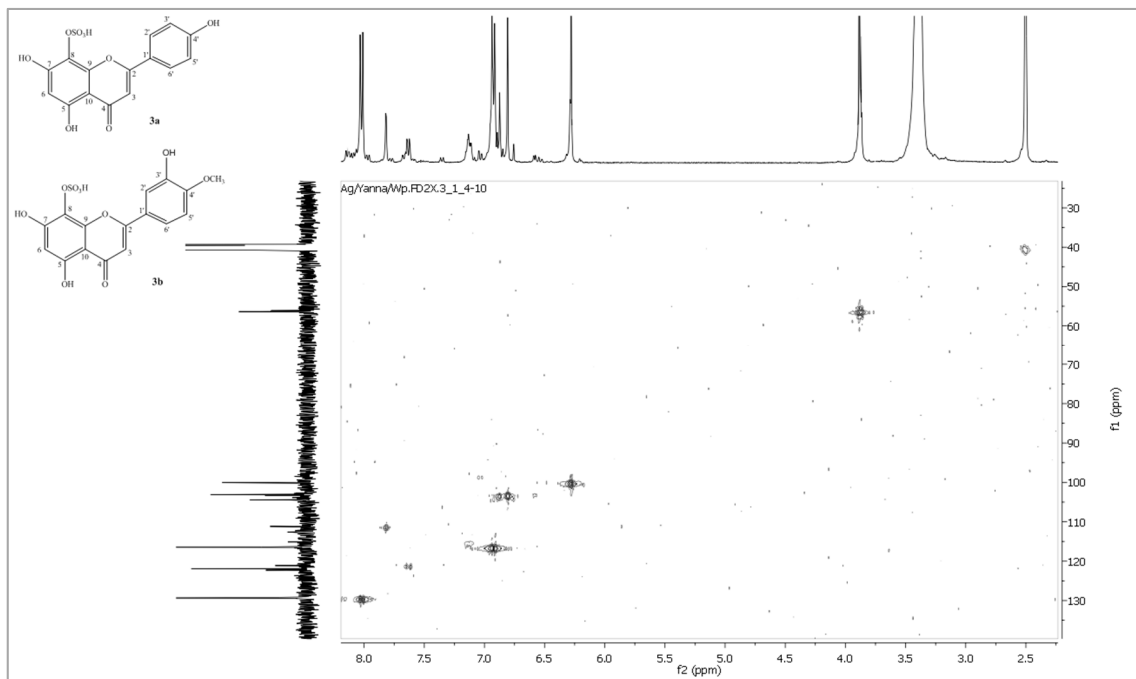
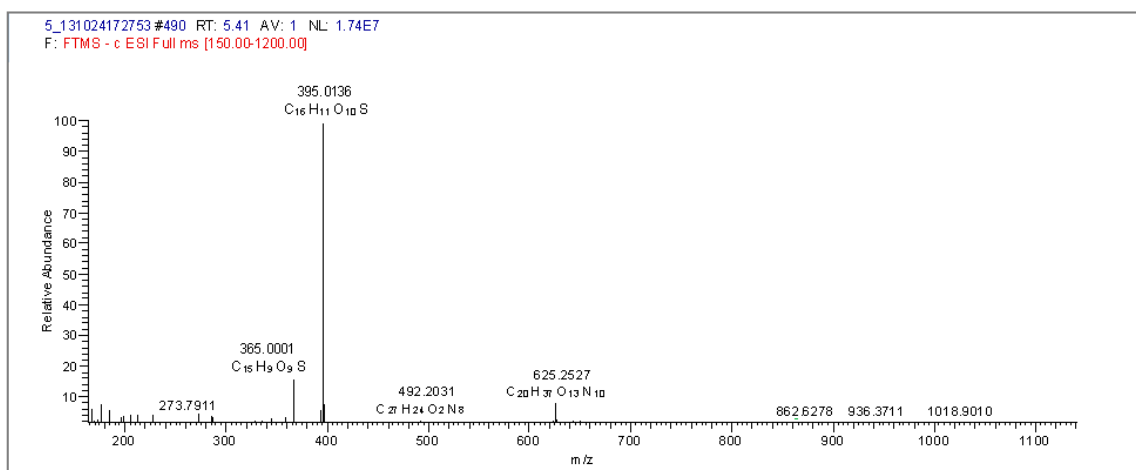
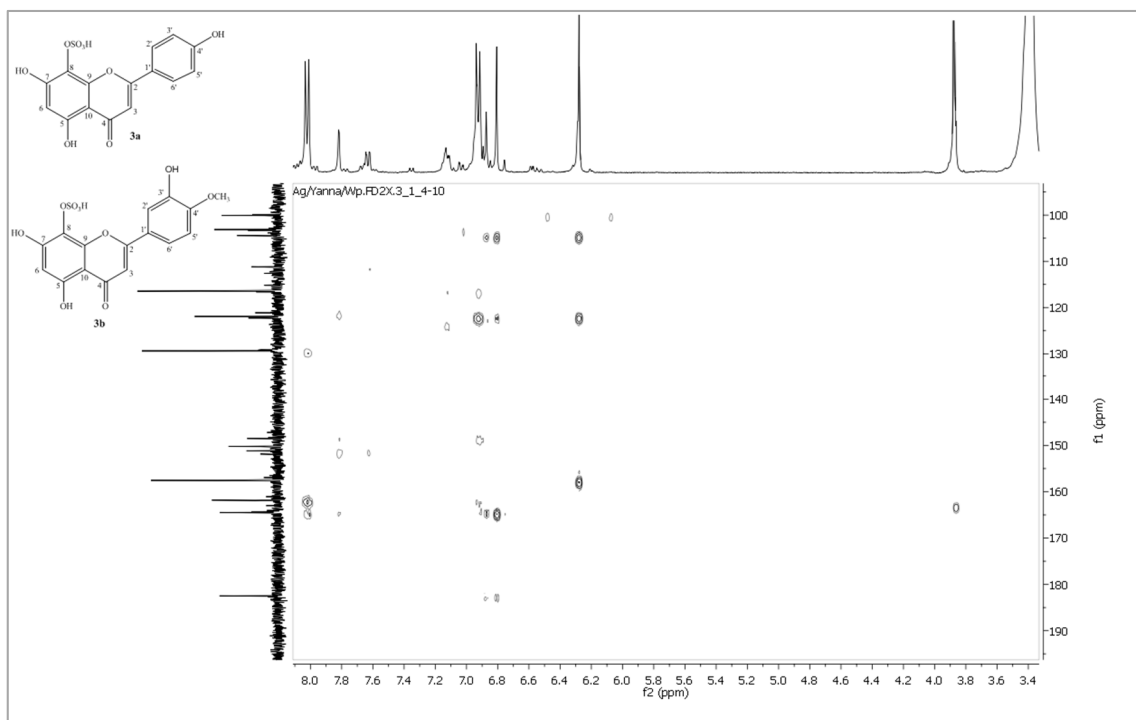


Figure S18. HSQC spectrum ( $^1\text{H}$ -NMR: 400 MHz,  $^{13}\text{C}$ -NMR: 100 MHz, DMSO) of 3a + 3b.





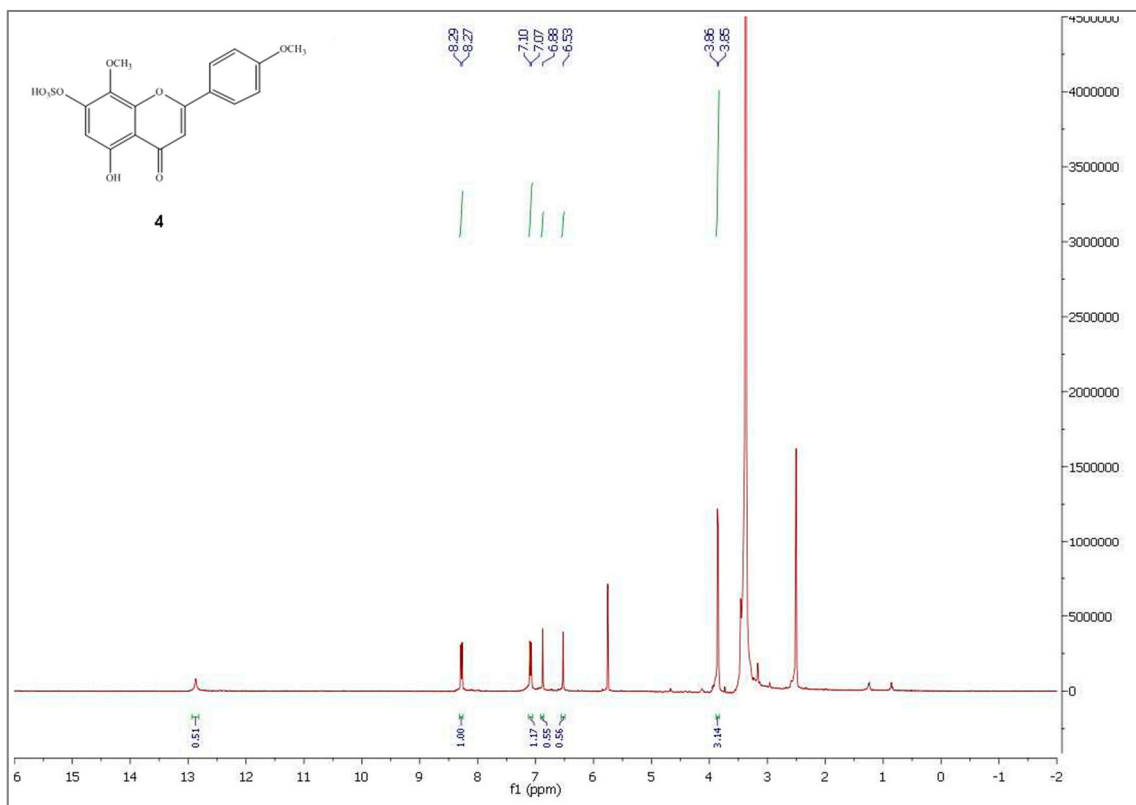


Figure S21.  $^1\text{H-NMR}$  spectrum (400 MHz, DMSO) spectrum of 4.

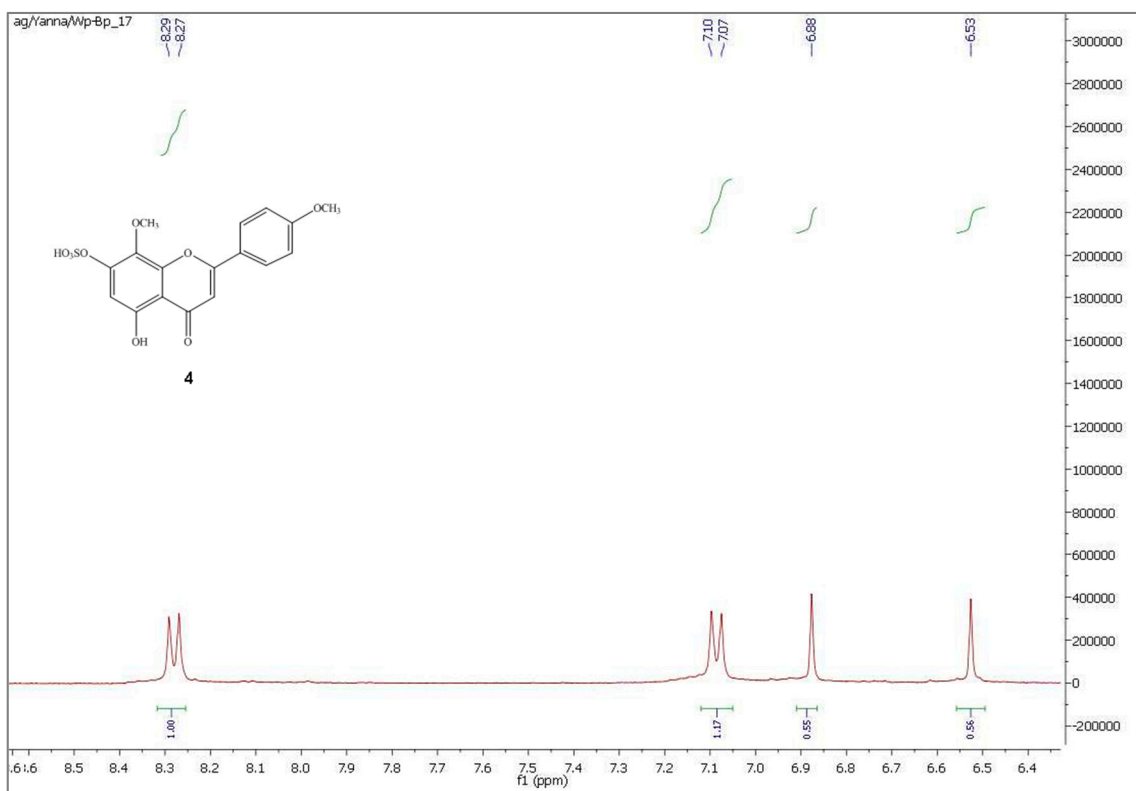


Figure S22. Expansion of  $^1\text{H-NMR}$  spectrum (400 MHz, DMSO) spectrum of 4.

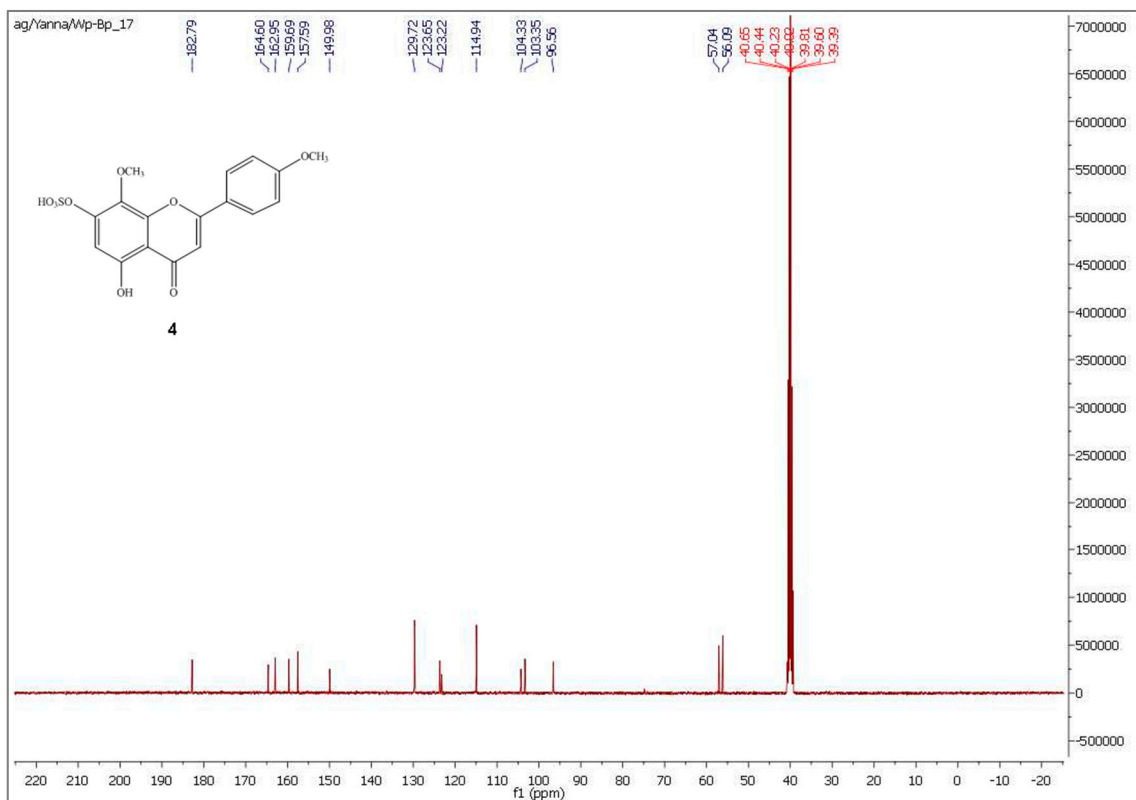


Figure S23. <sup>13</sup>C-NMR spectrum (100 MHz, DMSO) spectrum of 4.

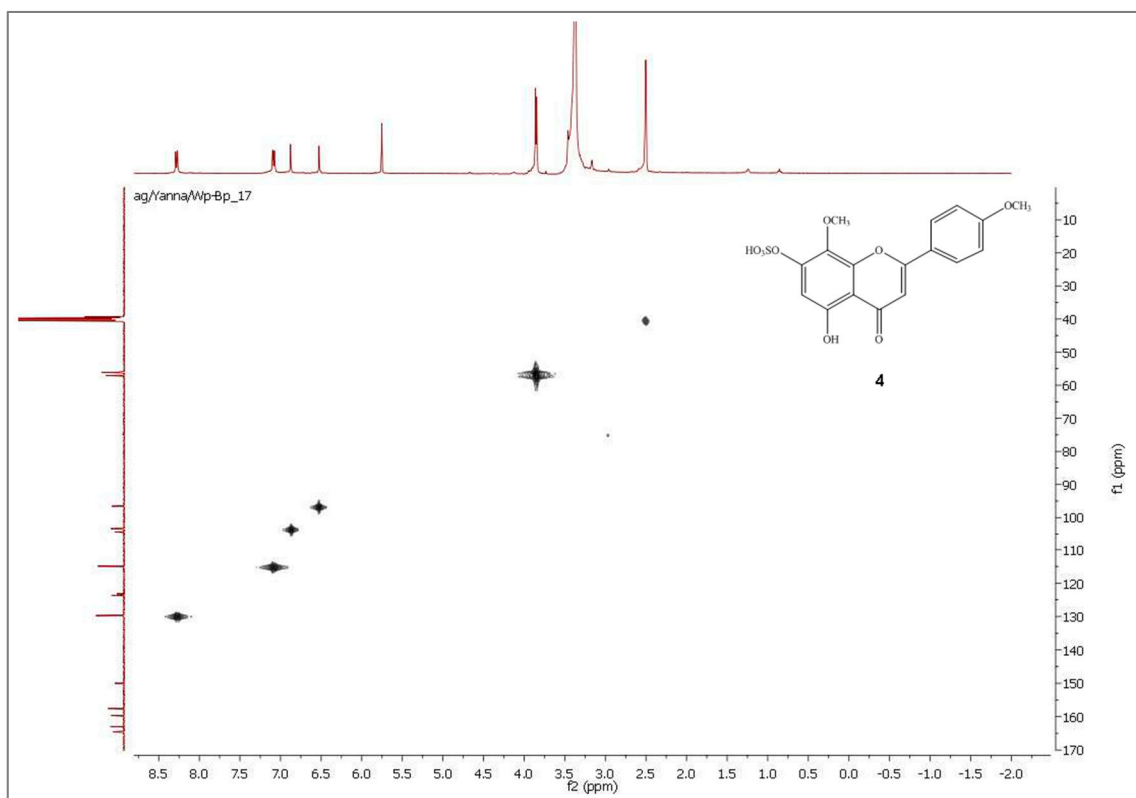


Figure S24. HMQC spectrum (<sup>1</sup>H-NMR: 400 MHz, <sup>13</sup>C-NMR: 100 MHz, DMSO) of 4.

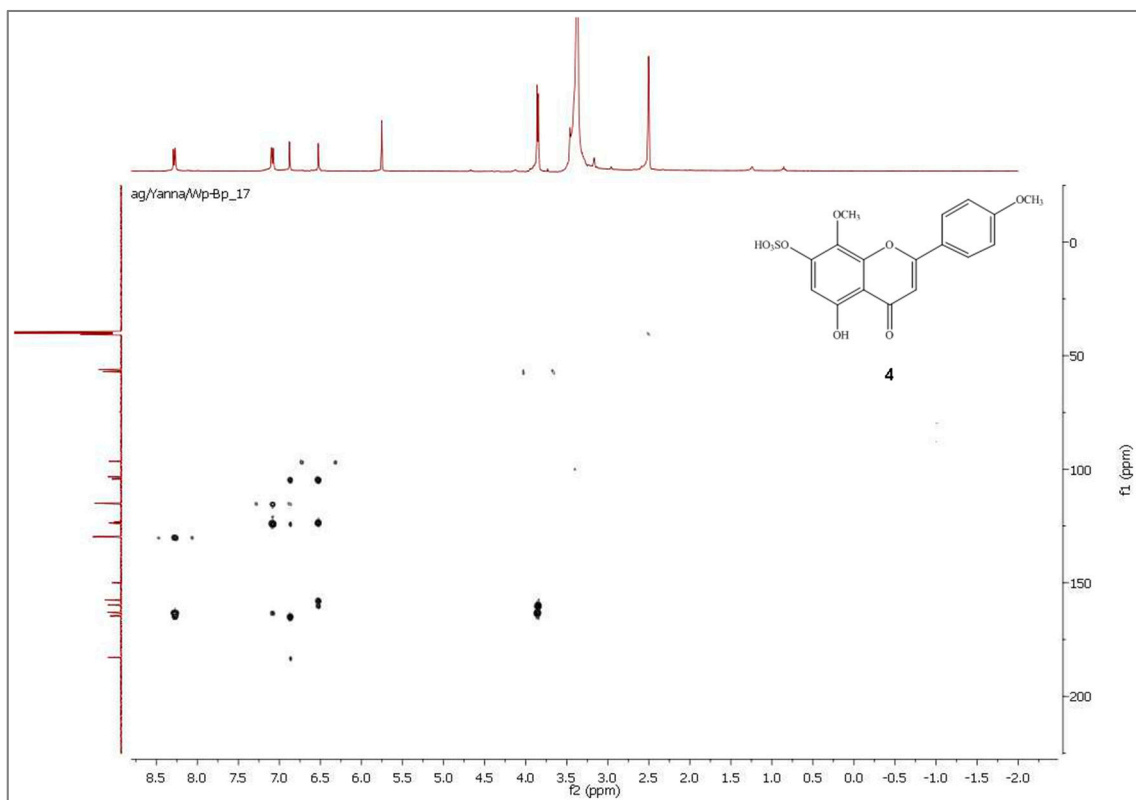


Figure S25. HMBC spectrum ( $^1\text{H-NMR}$ : 400 MHz,  $^{13}\text{C-NMR}$ : 100 MHz, DMSO) of 4.

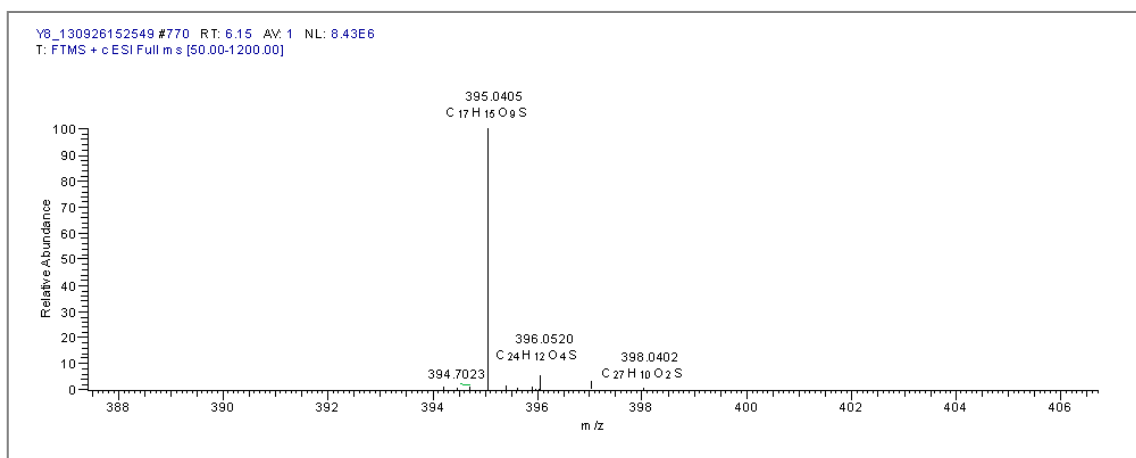


Figure S26. HRMS spectrum of compound 4.