J. Braz. Chem. Soc., Vol. 18, No. 6, S1-S17, 2007.
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0103 - 5053 $6.00+0.00

New Flavone from the Leaves of *Neea theifera* (Nyctaginaceae)

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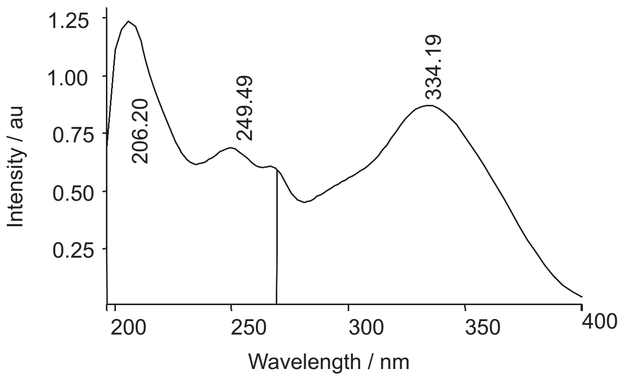

Figure S1. UV spectrum of (**1**) (MeOH).

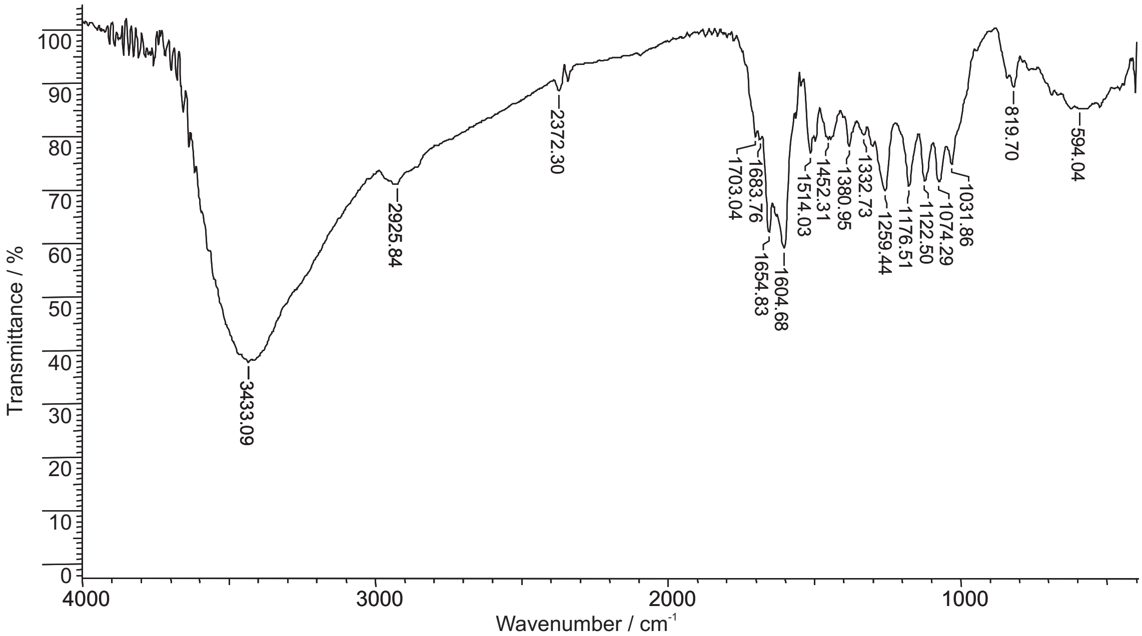

Figure S2. IR spectrum of (**1**) (KBr disk).

*e-mail: vilegasw@gmail.com

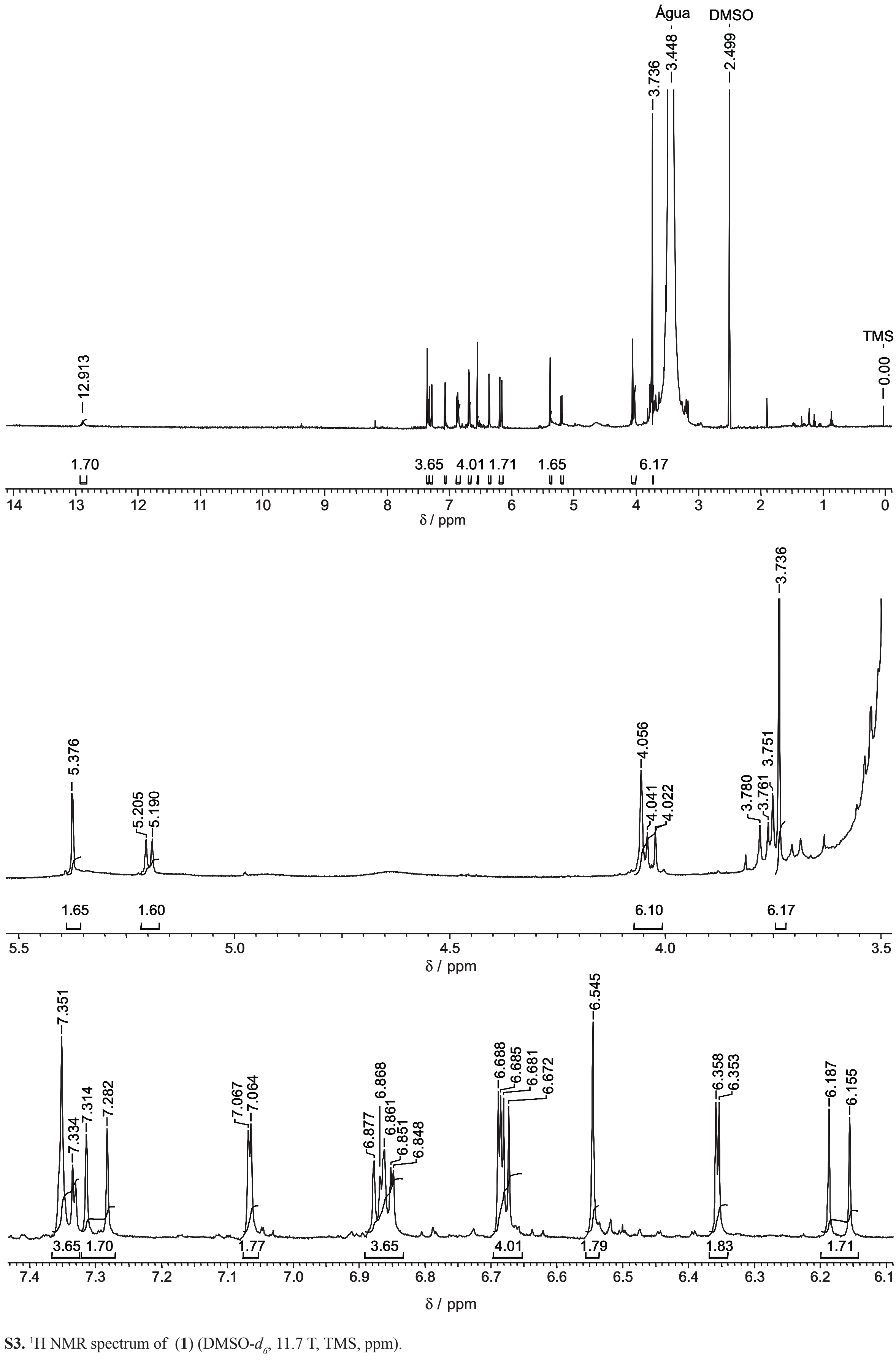

Figure S3. ^{1}H NMR spectrum of (**1**) (DMSO-d_6, 11.7 T, TMS, ppm).

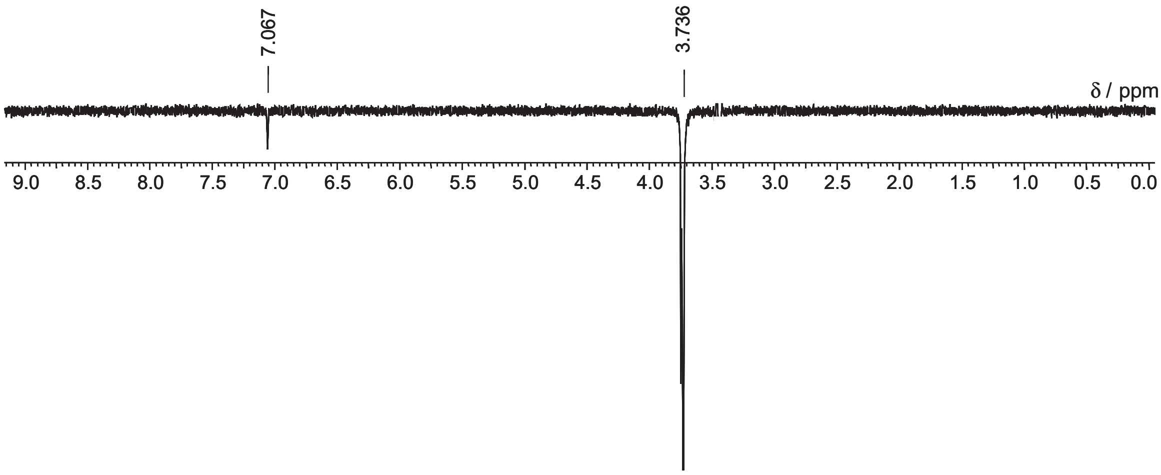

Figure S4. ^{1}H NMR 1D-NOESY of (**1**) (DMSO-d_6, 11.7 T, ppm).

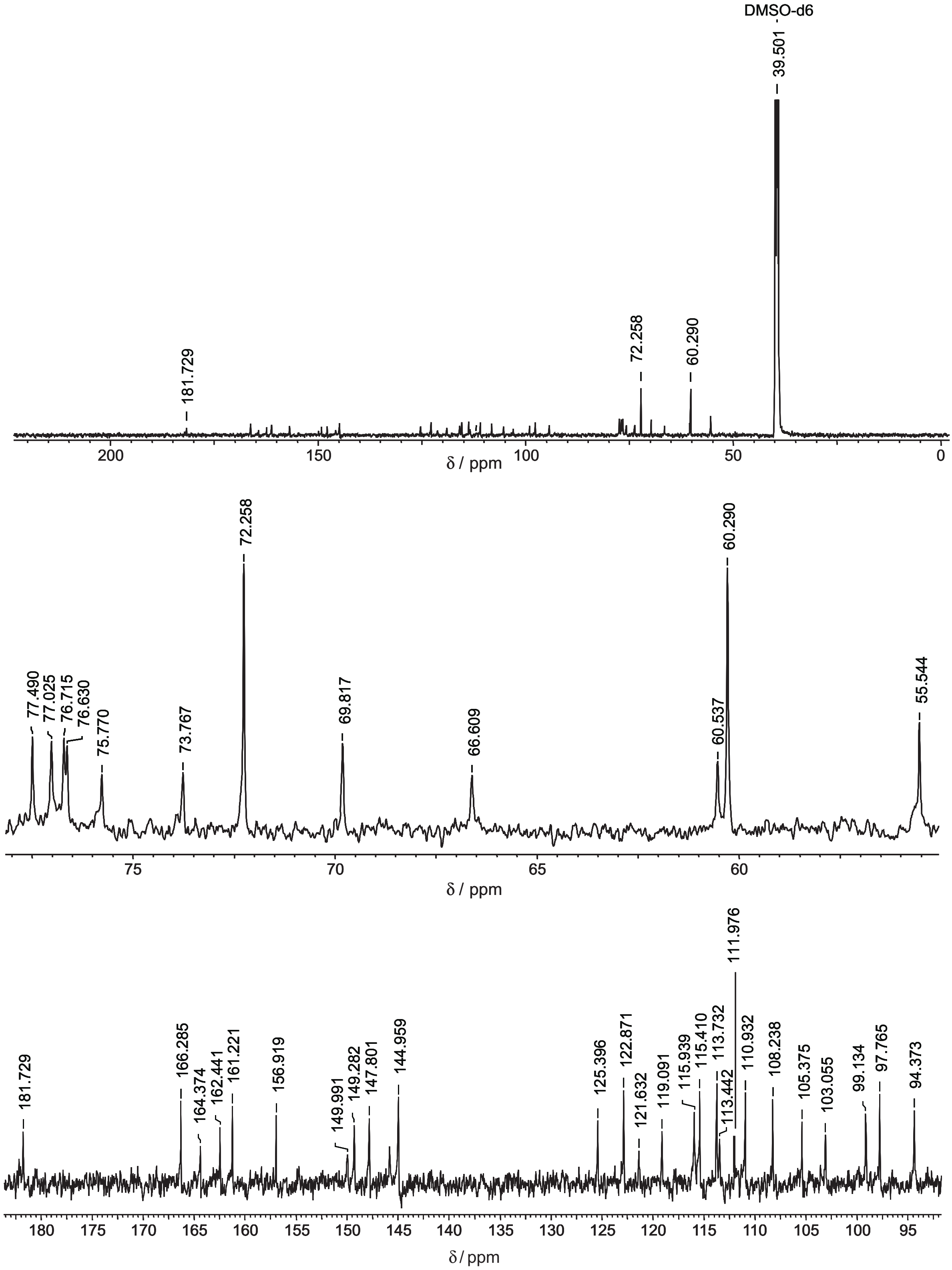

Figure S5. ^{13}C NMR spectrum of (**1**) (DMSO-d_6, 11.7 T, ppm).

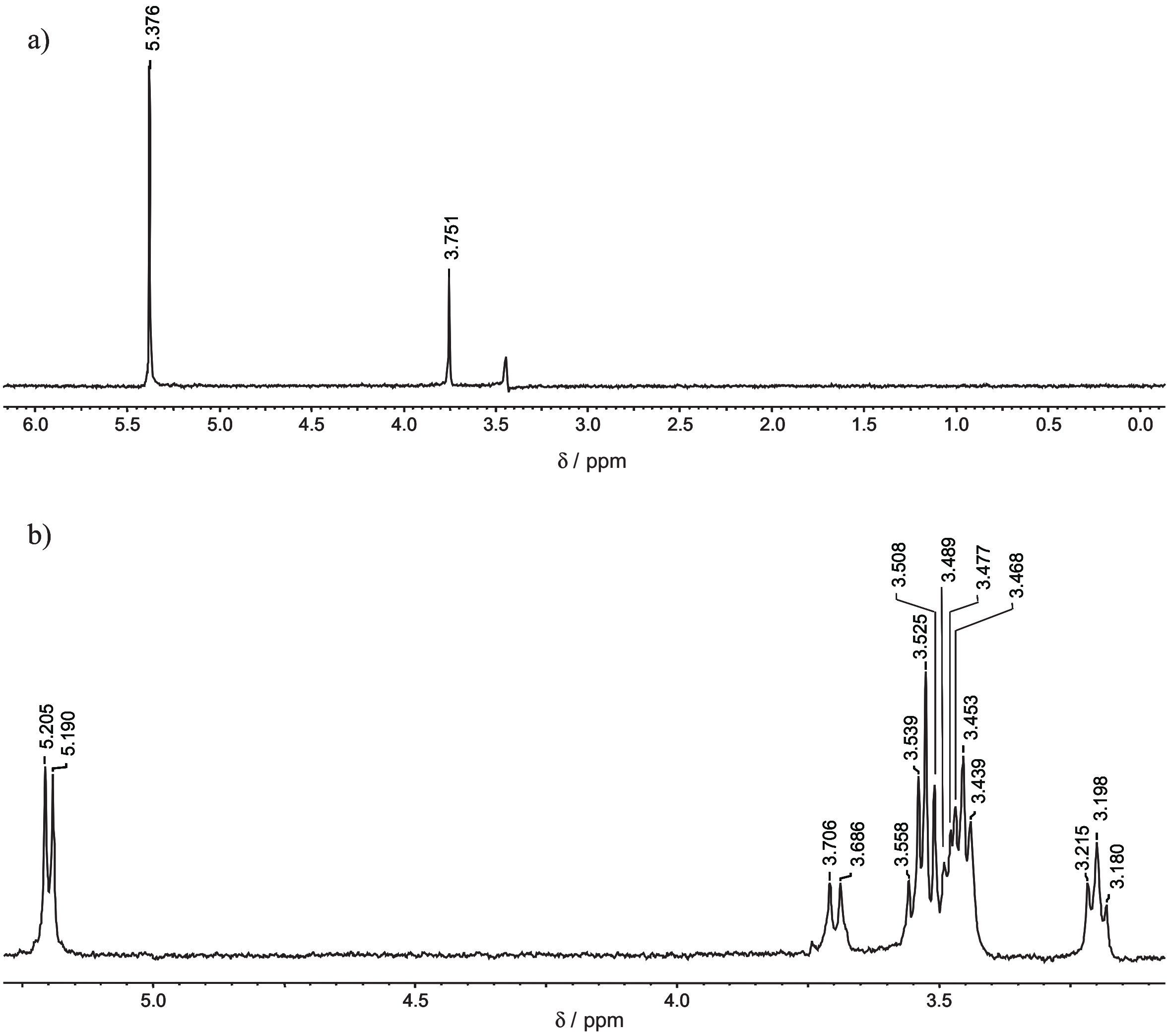

Figure S6. TOCSY spectrum of (**1**) (DMSO-d_6, 11.7 T, ppm): a) Apiose; b) Glucose.

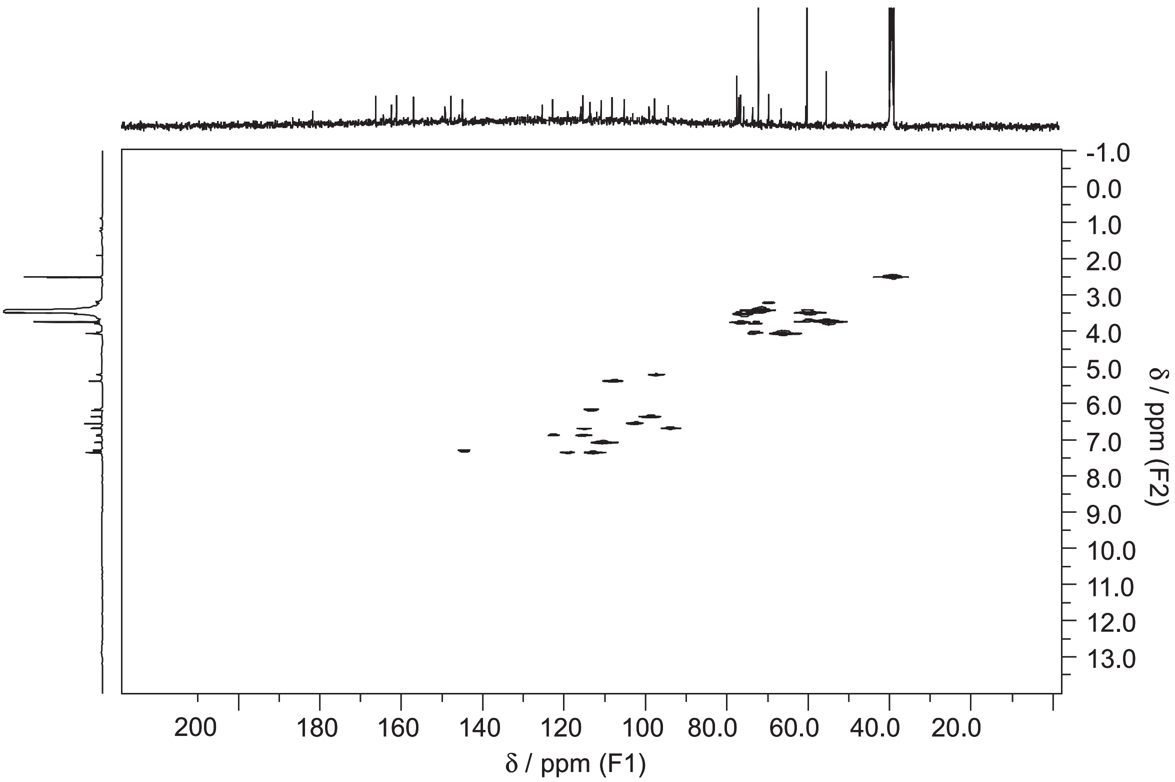

Figure S7. *g*HMQC spectrum of (**1**) (DMSO-d_6, 11.7 T, TMS, ppm).

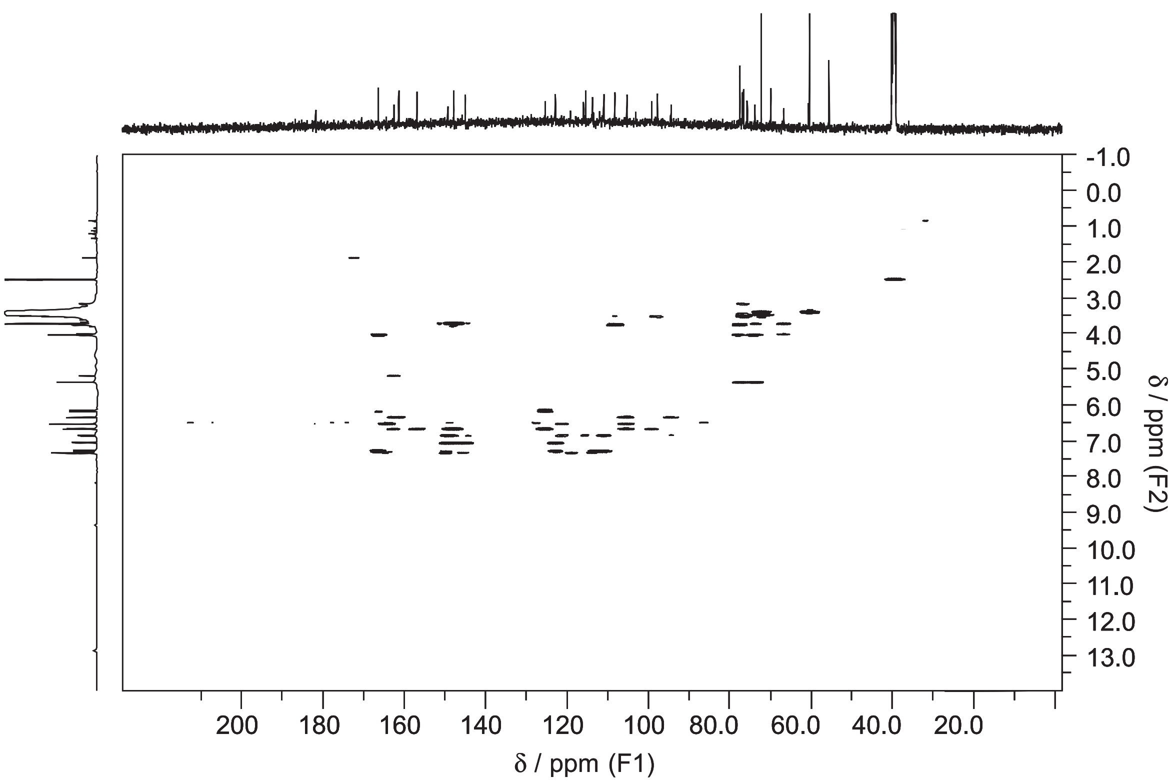

Figure S8. *g*HMBC spectrum of (**1**) (DMSO-d_6, 11.7 T, TMS, ppm).

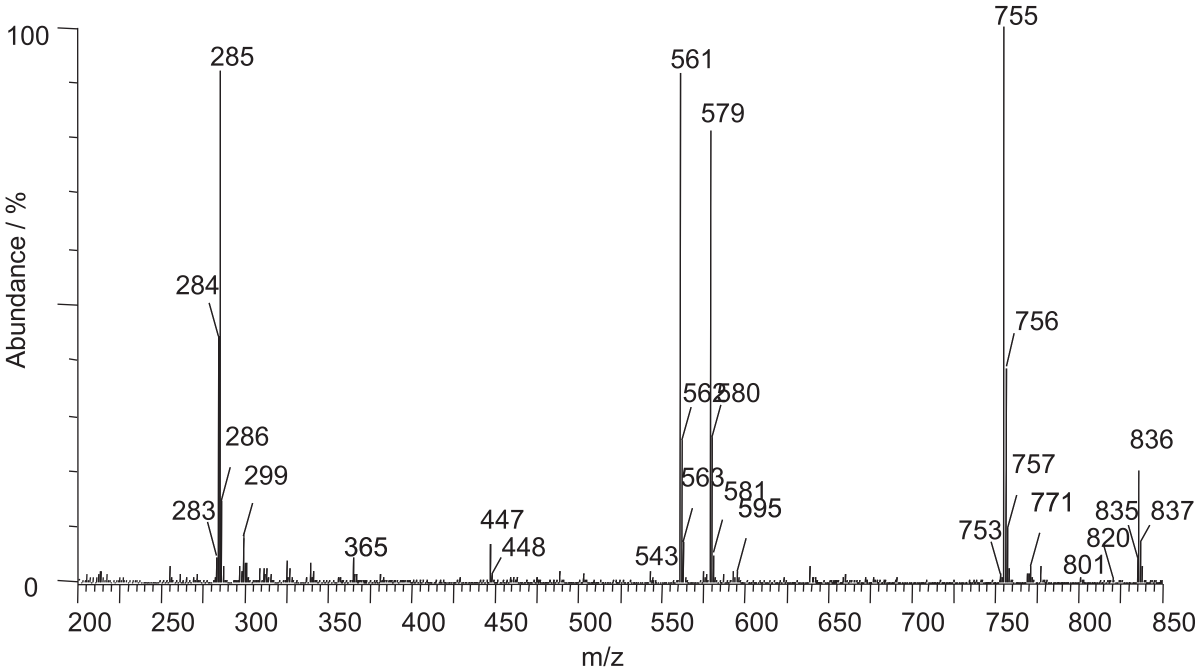

Figure S9. ESI-MS spectrum of (**1**) (negative mode, 70 V).

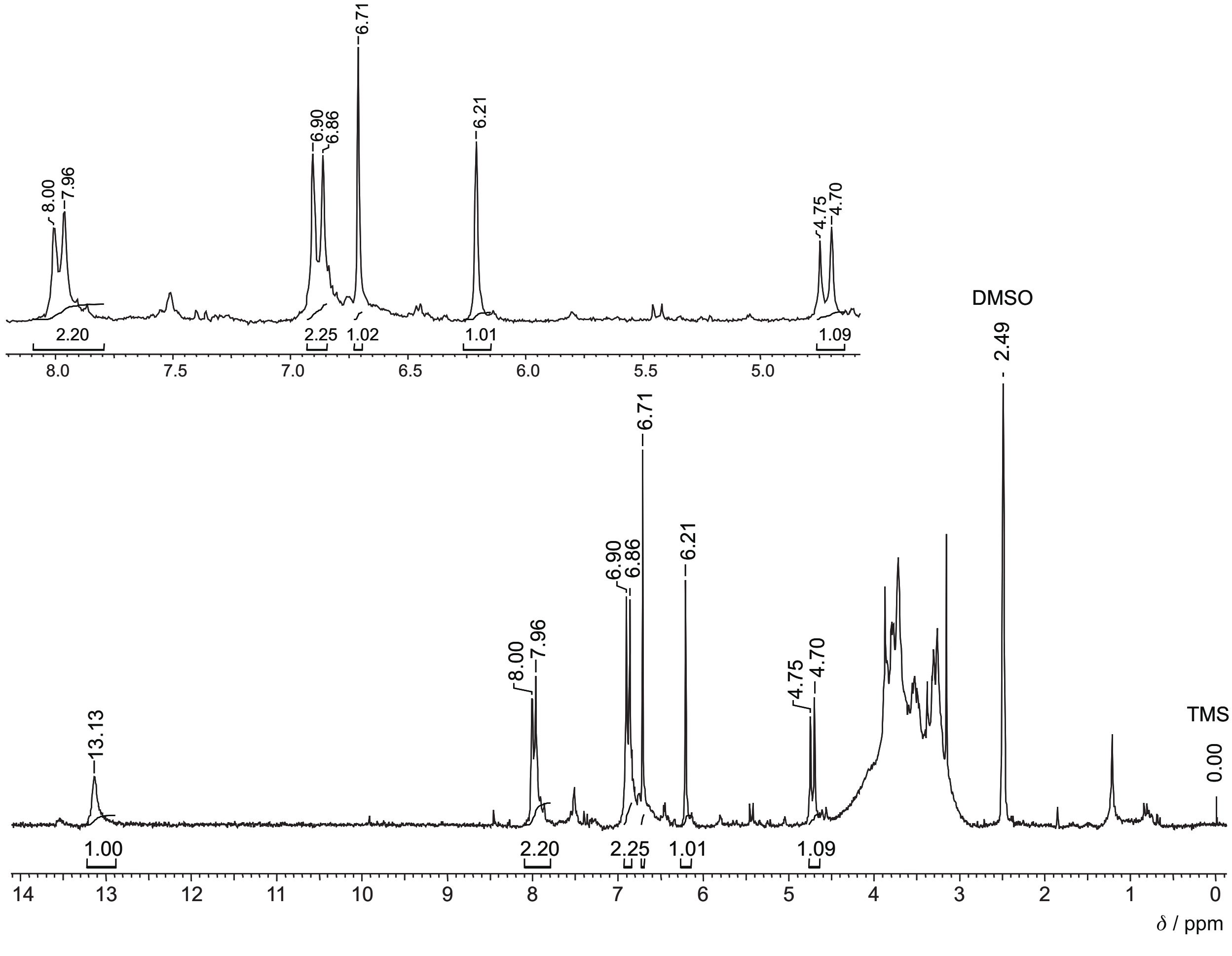

Figure S10. ^{1}H NMR spectrum of vitexin (DMSO-d_6, 4.7 T, TMS, ppm).

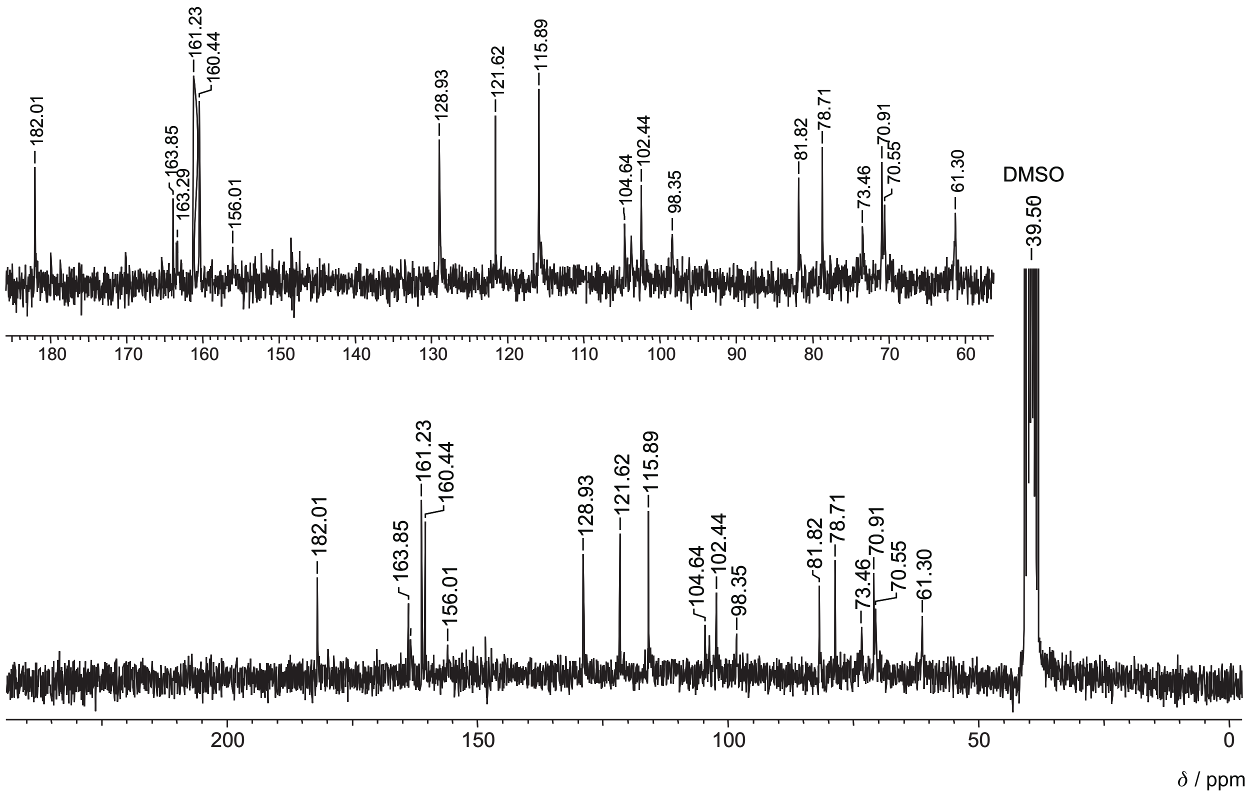

Figure S11. ^{13}C NMR spectrum of vitexin (DMSO-d6, 4.7 T, ppm).

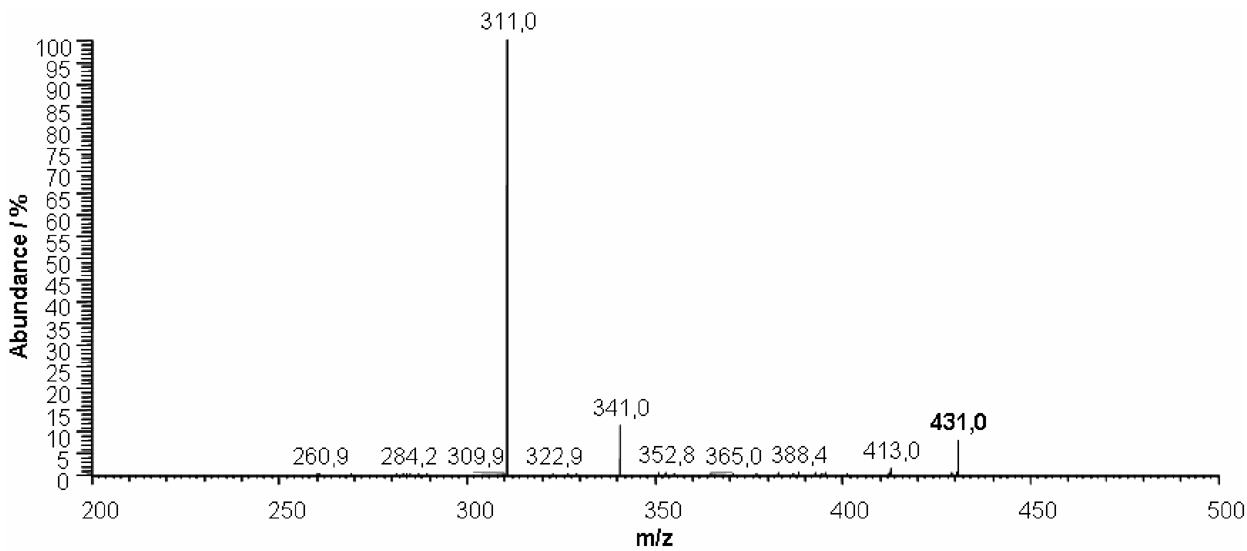

Figure S12. ESI-MS spectrum of vitexin (negative mode, 70 V).

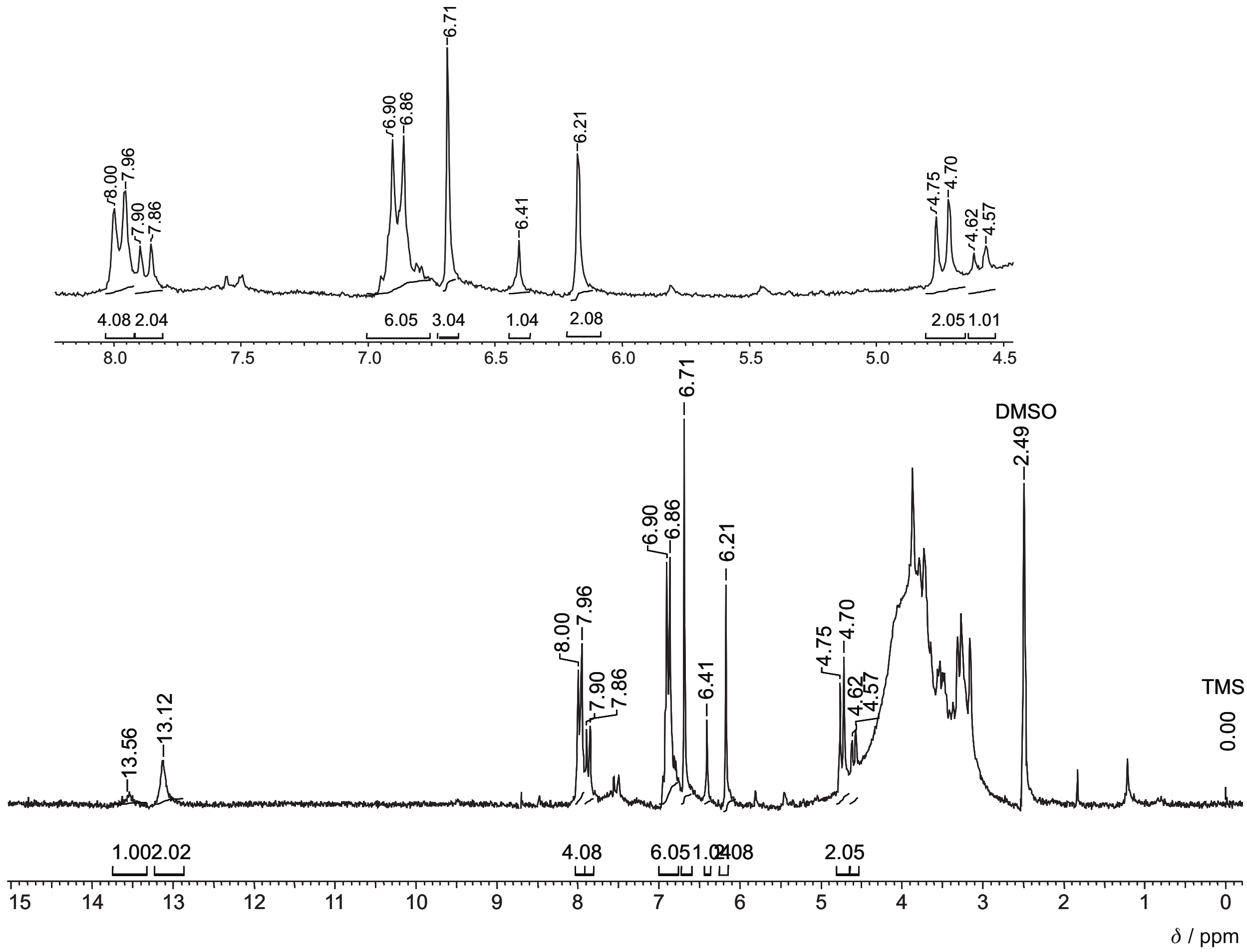

Figure S13. ^{1}H NMR spectrum of the mixture of isovitexin and vitexin (DMSO-d_6, 4.7 T, TMS, ppm).

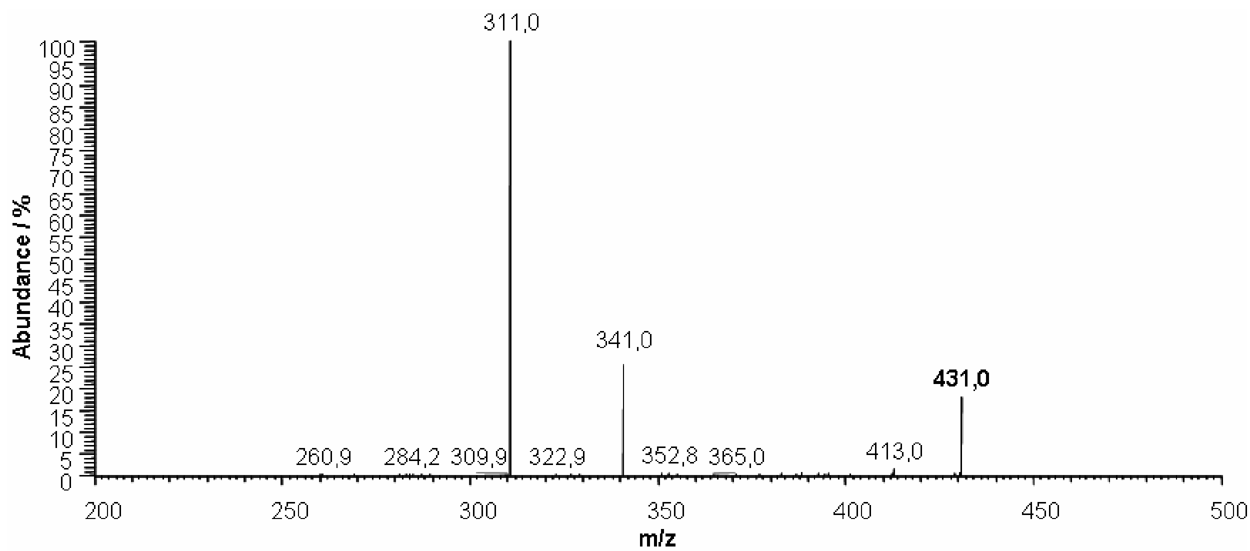

Figure S14. ESI-MS spectrum of the mixture of isovitexin and vitexin (negative mode, 70 V).

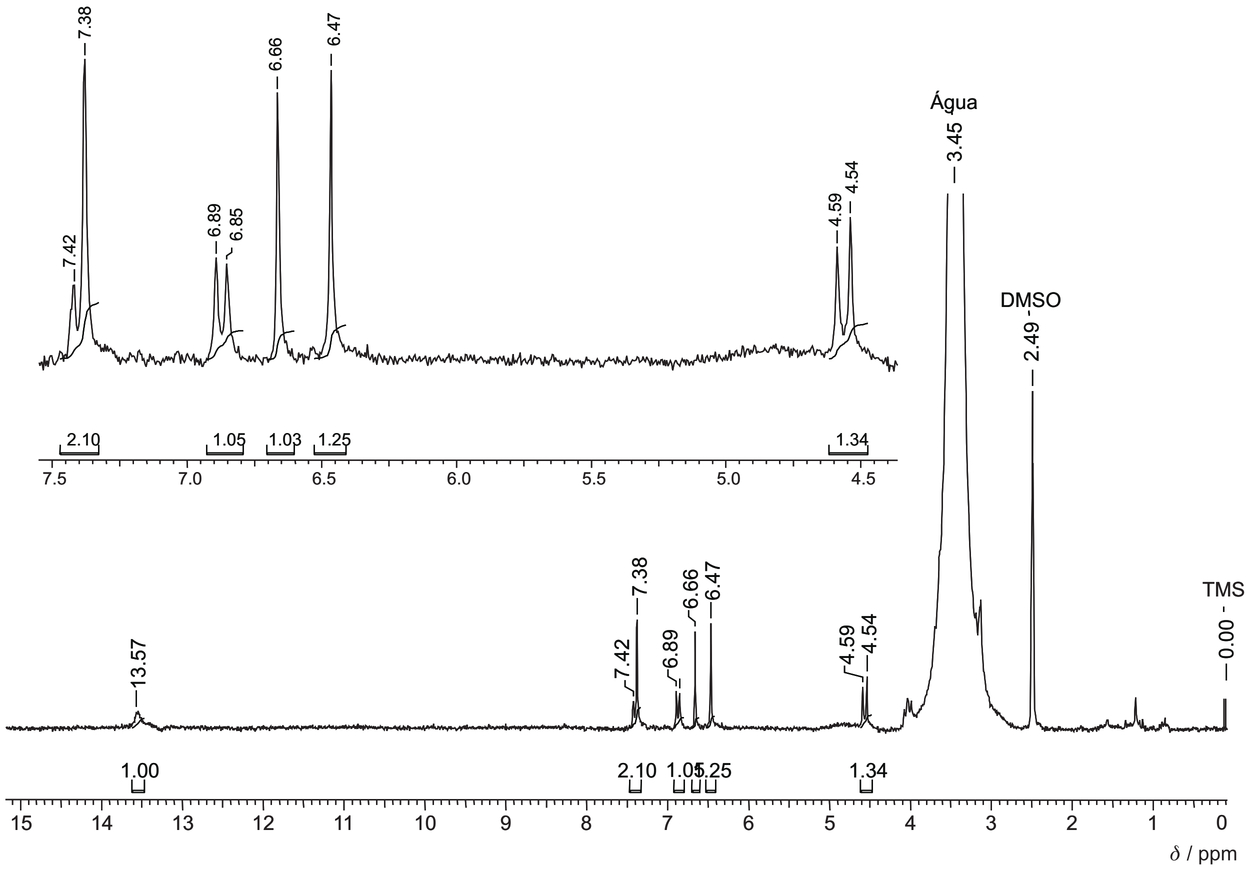

Figure S15. ^{1}H NMR spectrum of isoorientin (DMSO-d_6, 4.7 T, TMS, ppm).

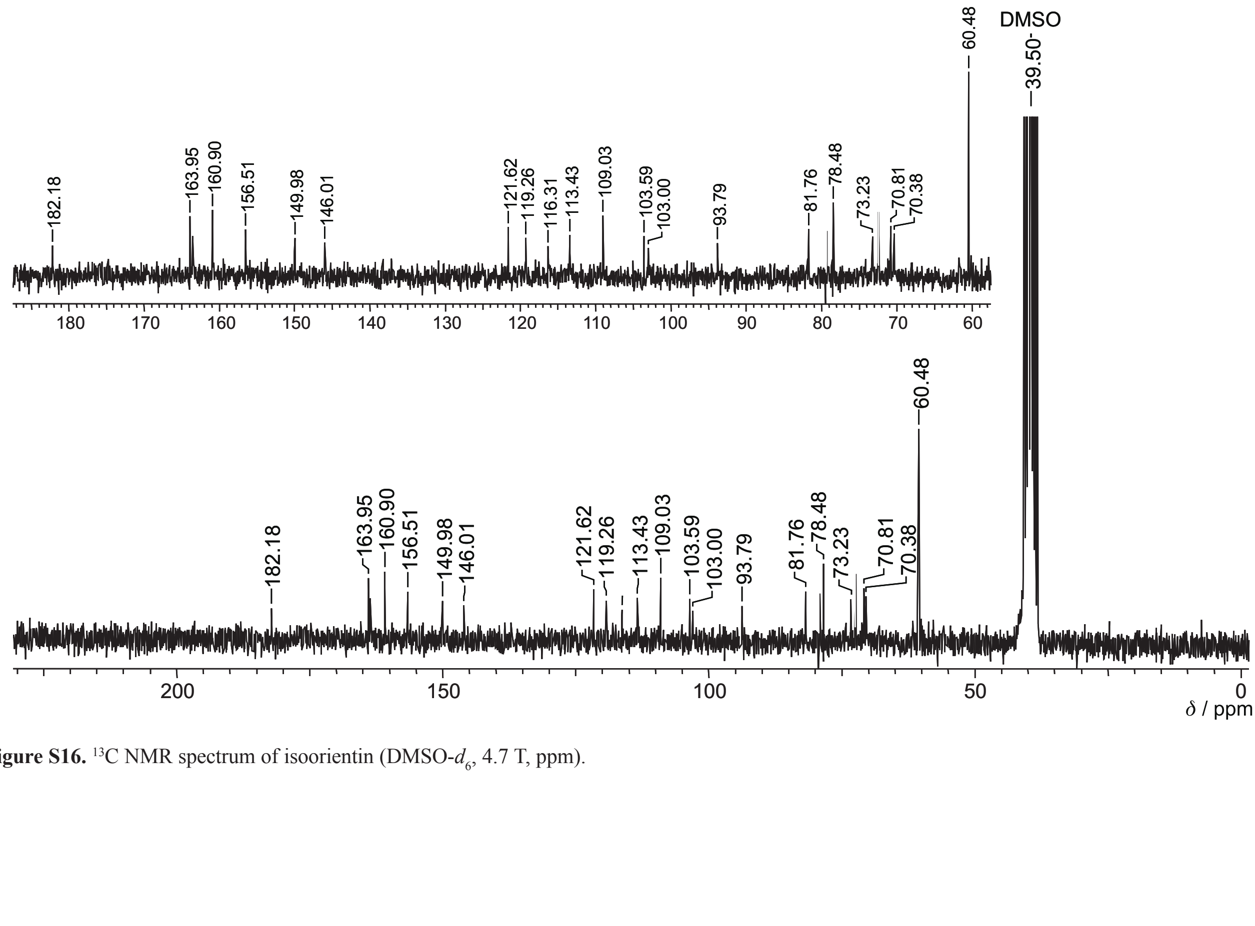

Figure S16. ^{13}C NMR spectrum of isoorientin (DMSO-d_6, 4.7 T, ppm).

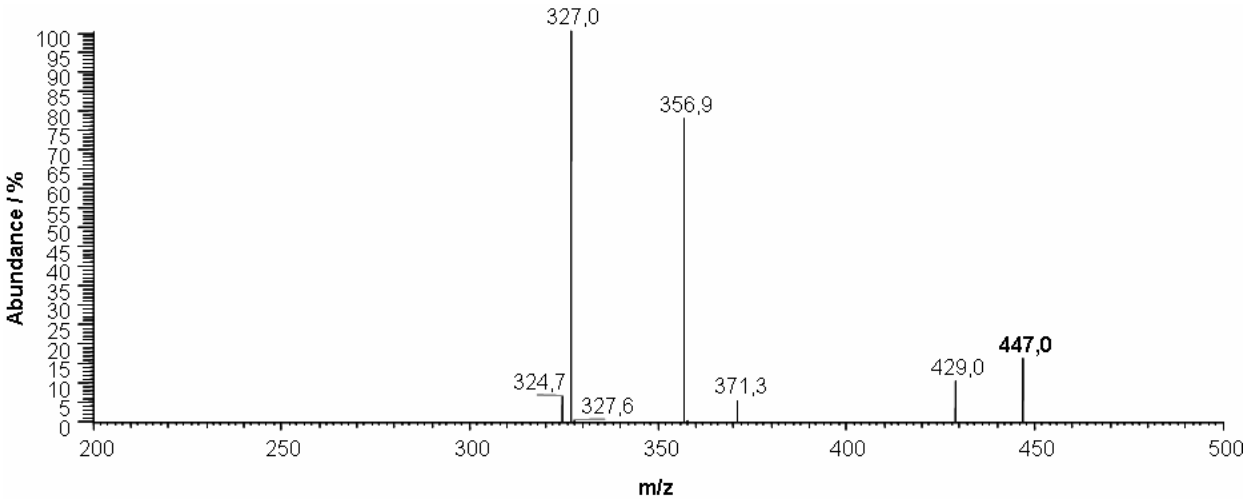

Figure S17. ESI-MS spectrum of isoorientin (negative mode, 70 V).

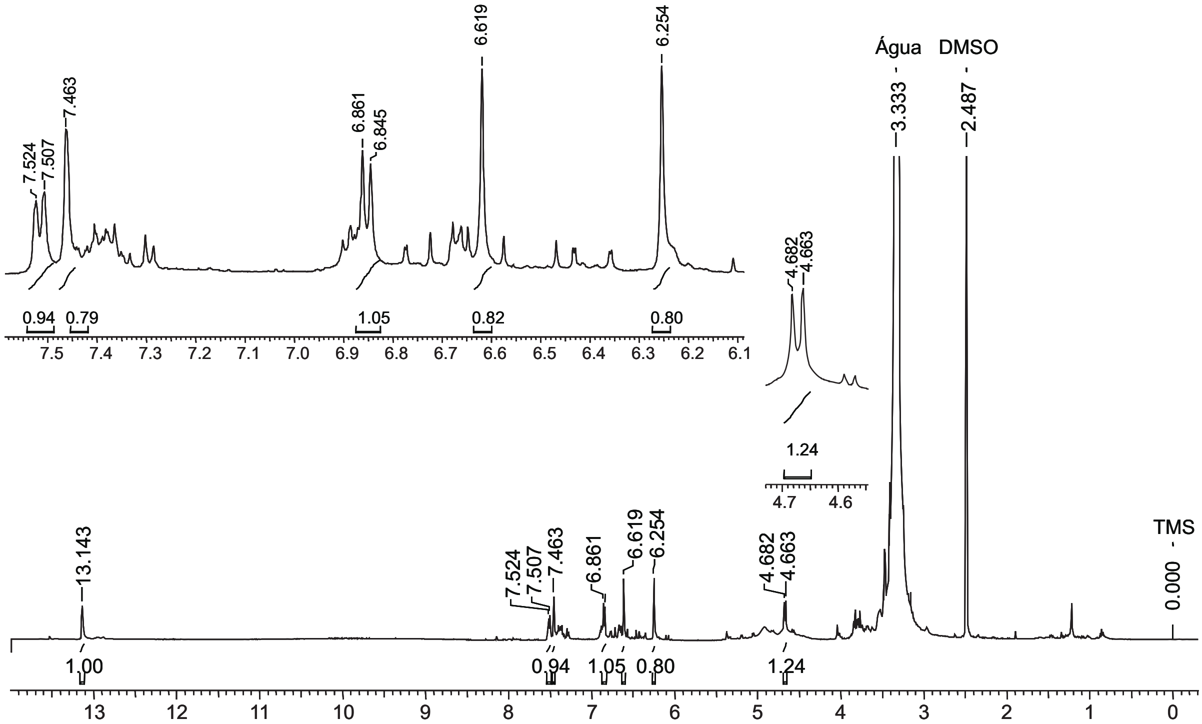

Figure S18. ^{1}H NMR spectrum of orientin (DMSO-d_6, 4.7 T, TMS, ppm).

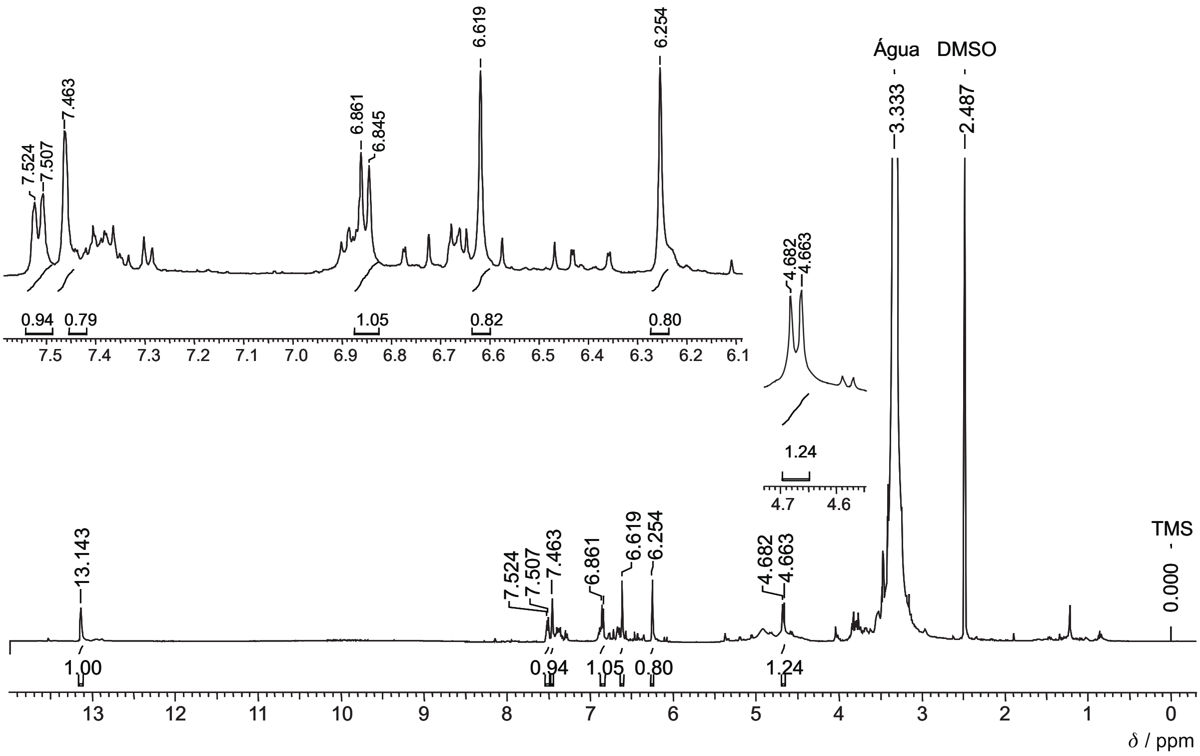

Figure S19. ^{13}C NMR spectrum of orientin (DMSO-d_6, 4.7 T, ppm).

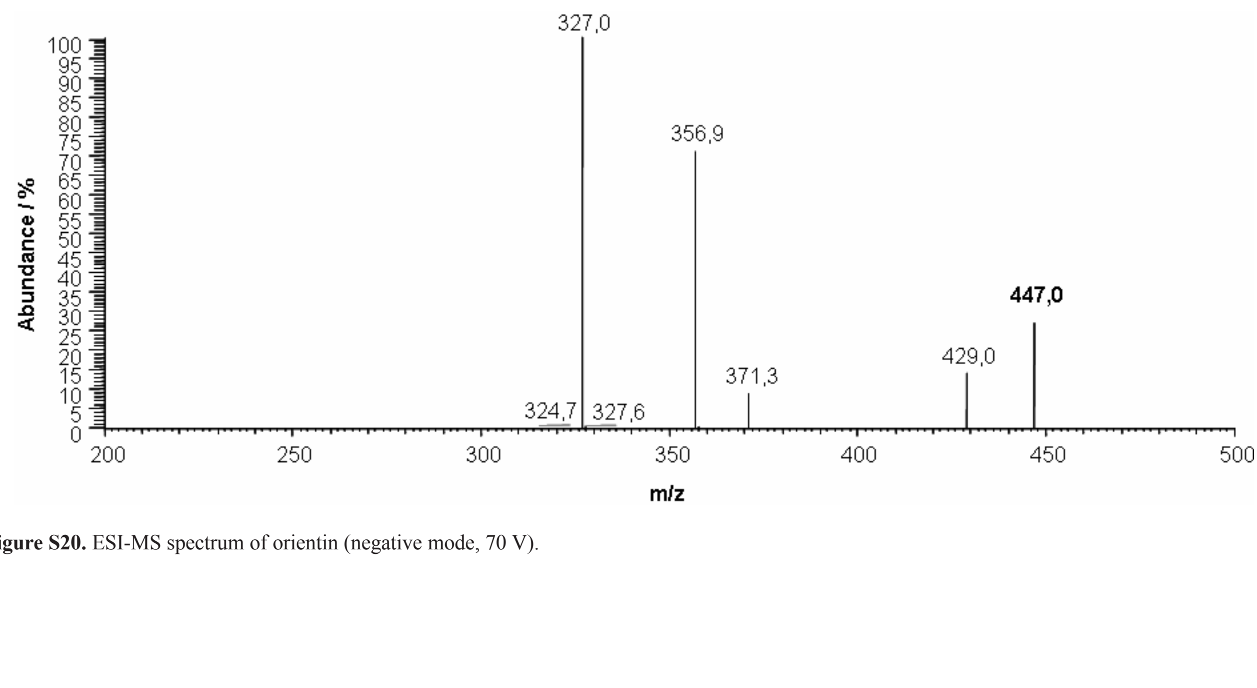

Figure S20. ESI-MS spectrum of orientin (negative mode, 70 V).

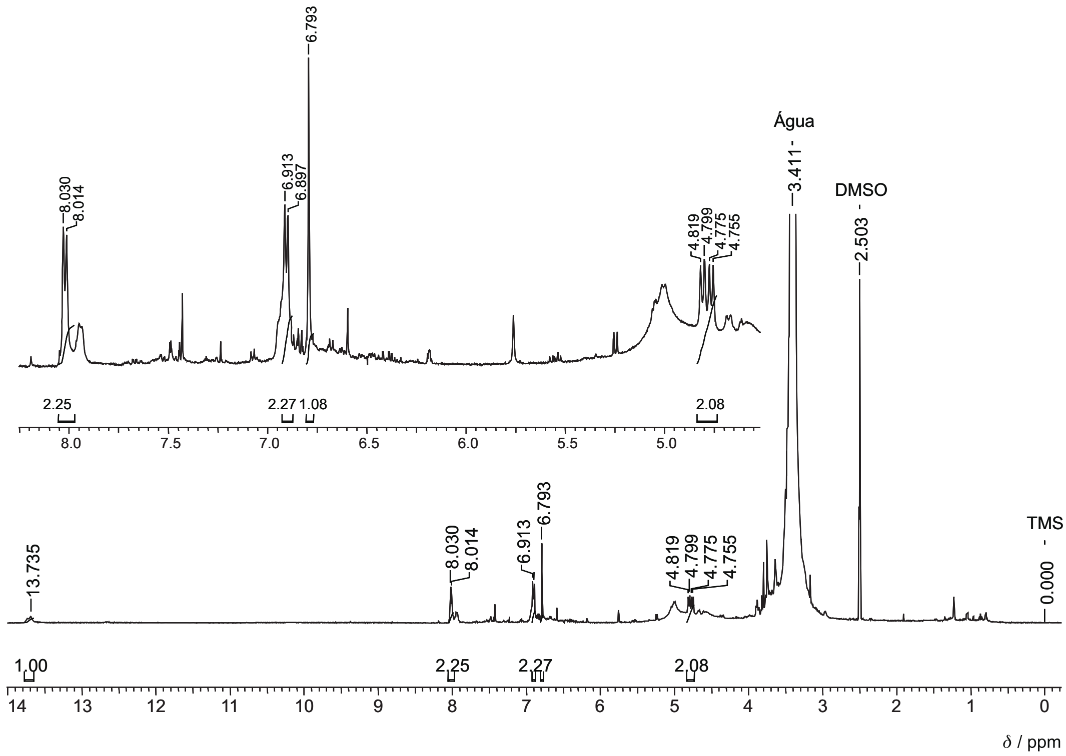

Figure S21. [1]H NMR spectrum of vicenin-2 (DMSO-d_6, 11.7 T, TMS, ppm).

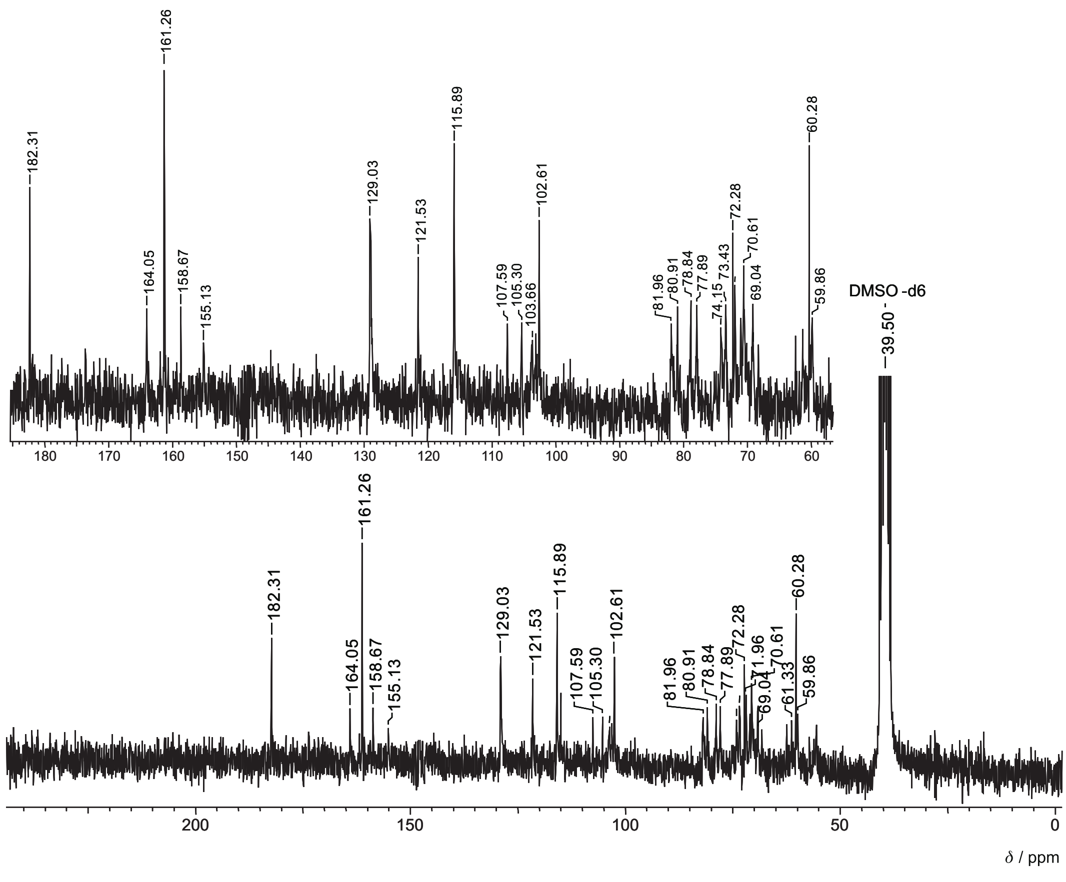

Figure S22. [13]C NMR spectrum of vicenin-2 (DMSO-d_6, 11.7 T, TMS, ppm).

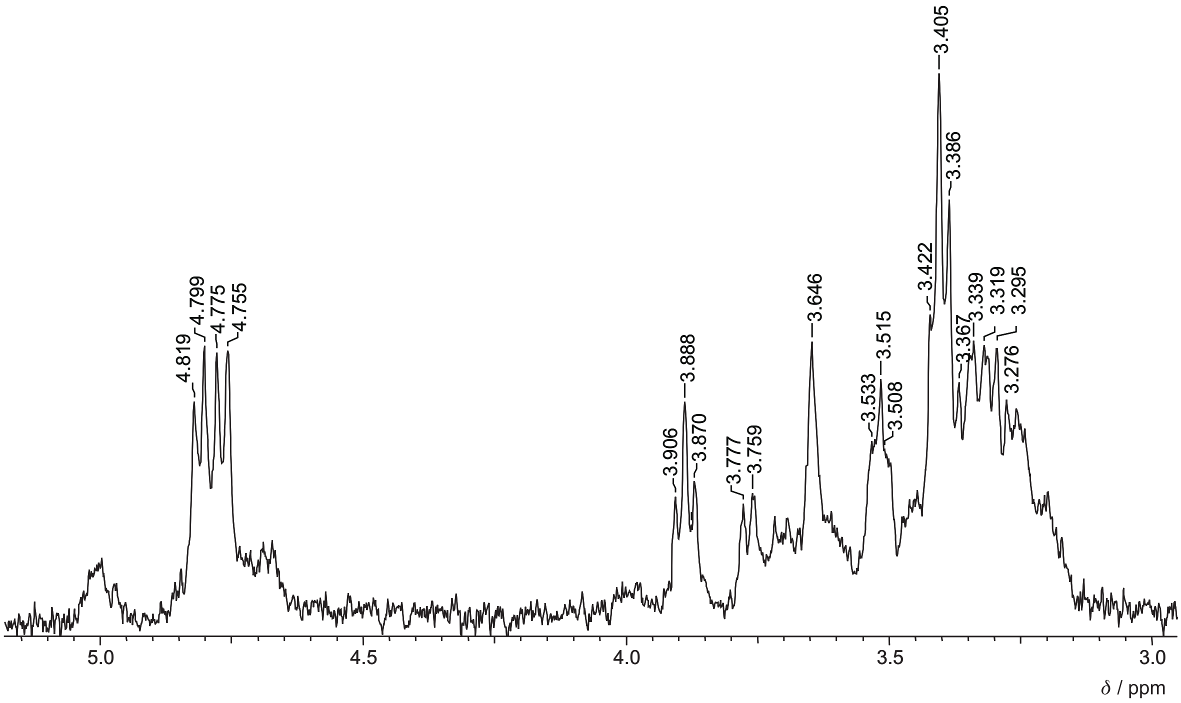

Figure S23. TOCSY spectrum of vicenin-2 (DMSO-d_6, 11.7 T, ppm, irradiation of δ 4.809).

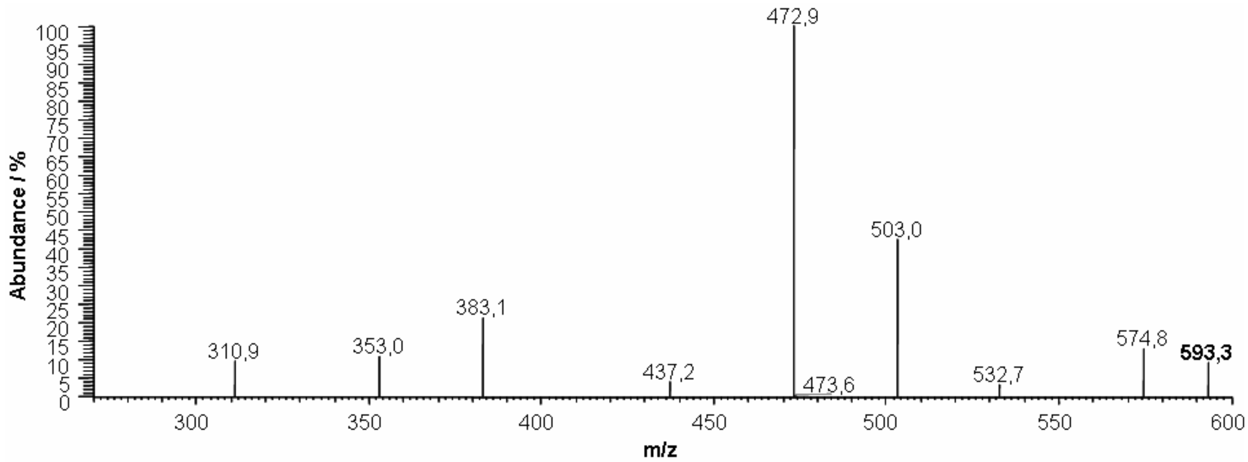

Figure S24. ESI-MS spectrum of vicenin-2 (negative mode, 70 V).

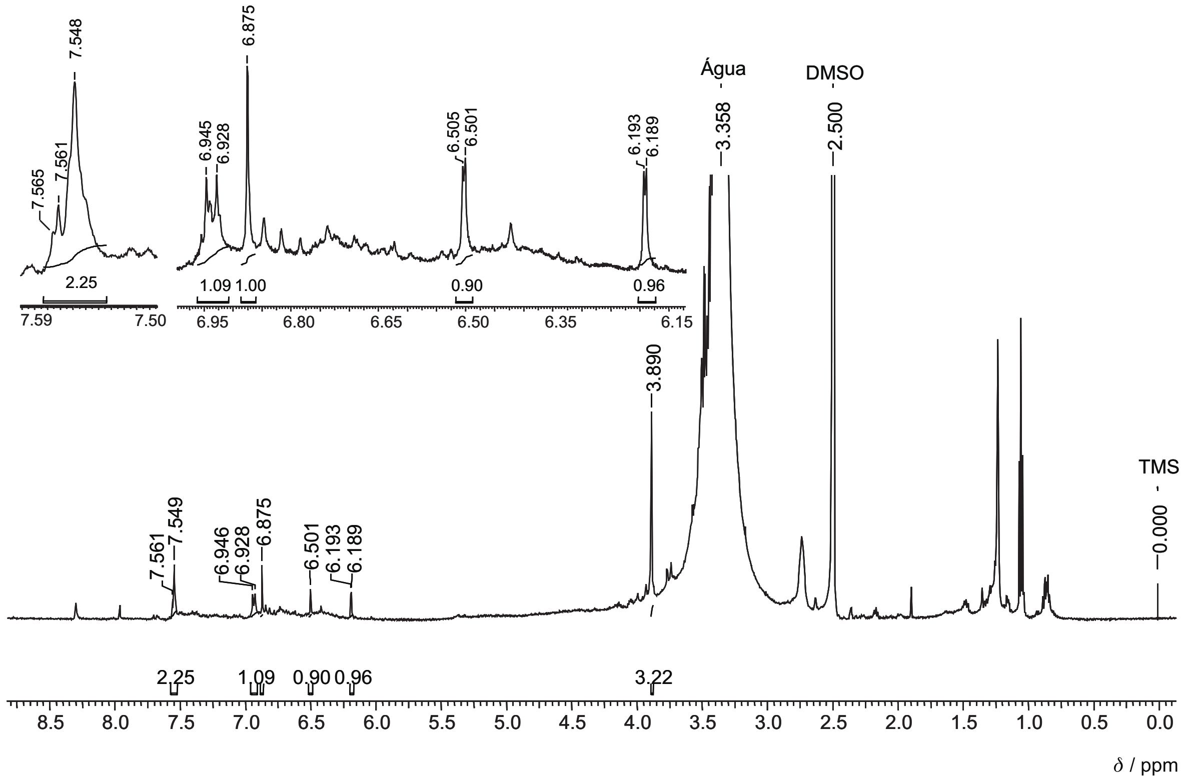

Figure S25. ^{1}H NMR spectrum of chrysoeriol (DMSO-d_6, 11.7 T, ppm).

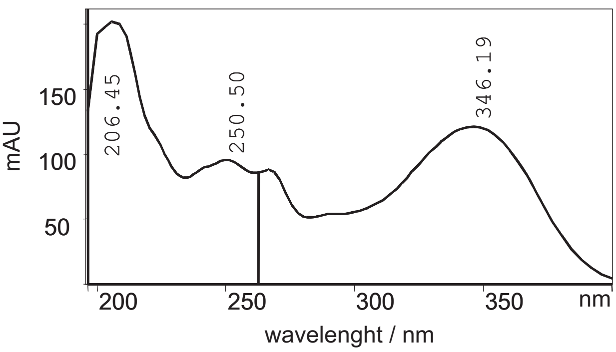

Figure S26. UV spectrum of chrysoeriol (MeOH).

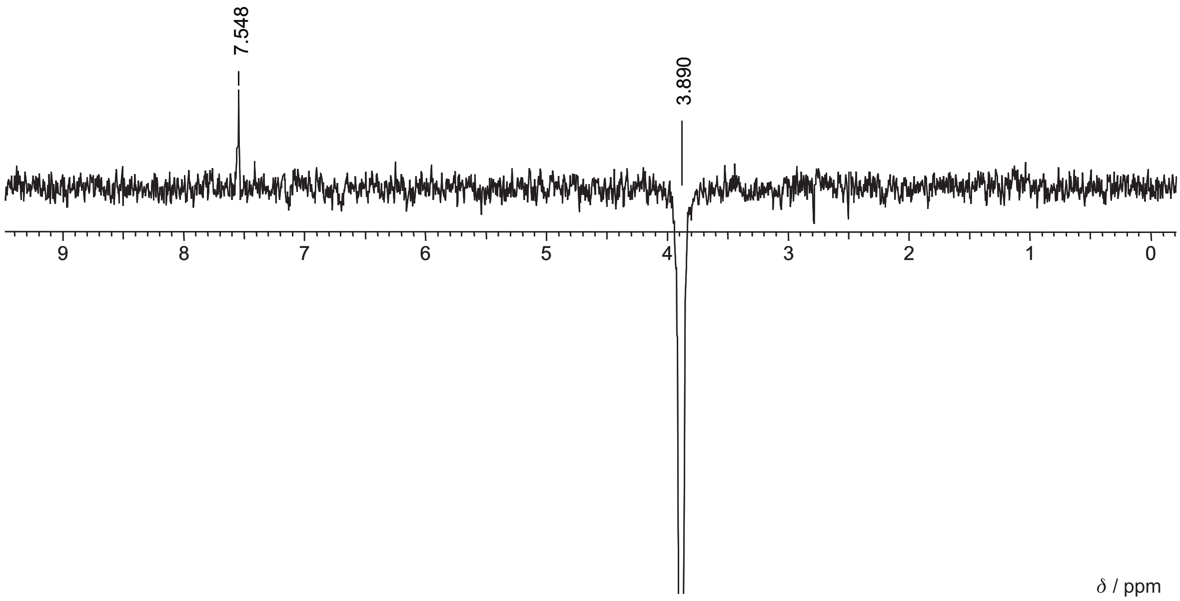

Figure S27. ^{1}H NMR 1D-NOESY of chrysoeriol (DMSO-d_6, 11.7 T, ppm, irradiation of δ 3.890).

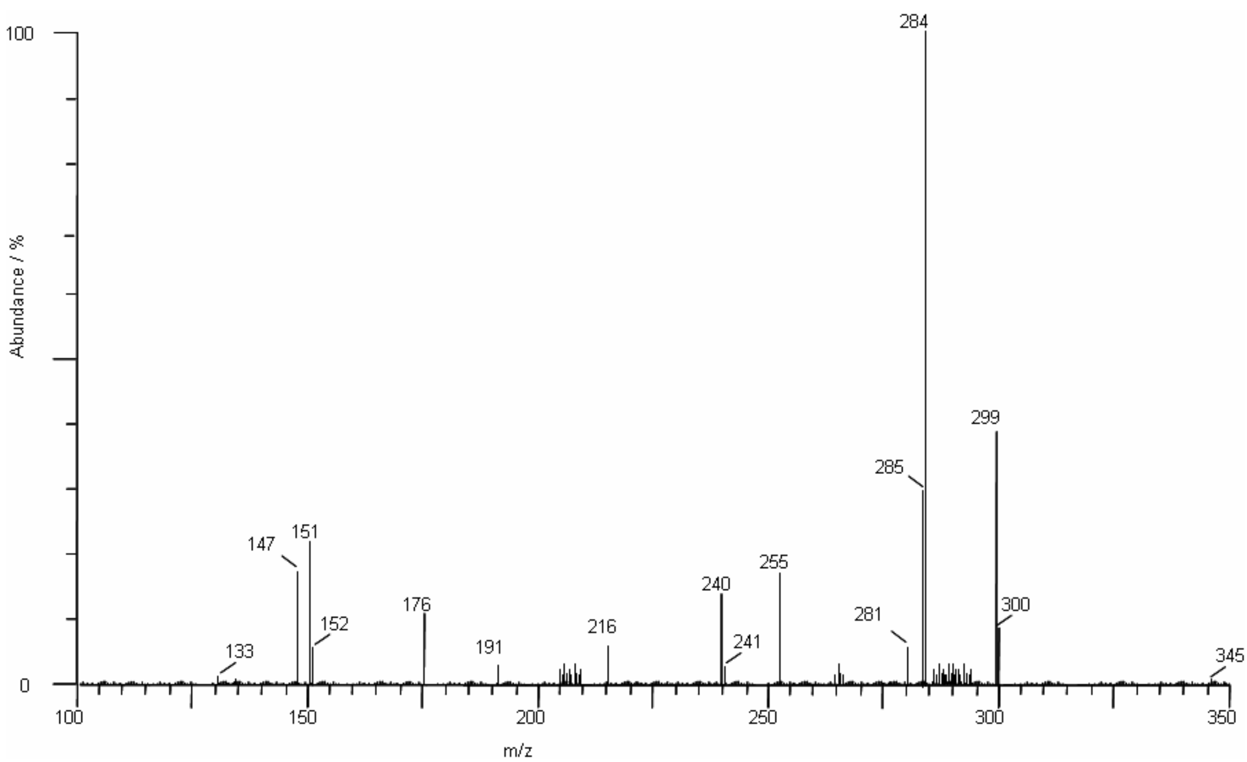

Figure S28. ESI-MS spectrum of chrysoeriol (negative mode, 70 V).

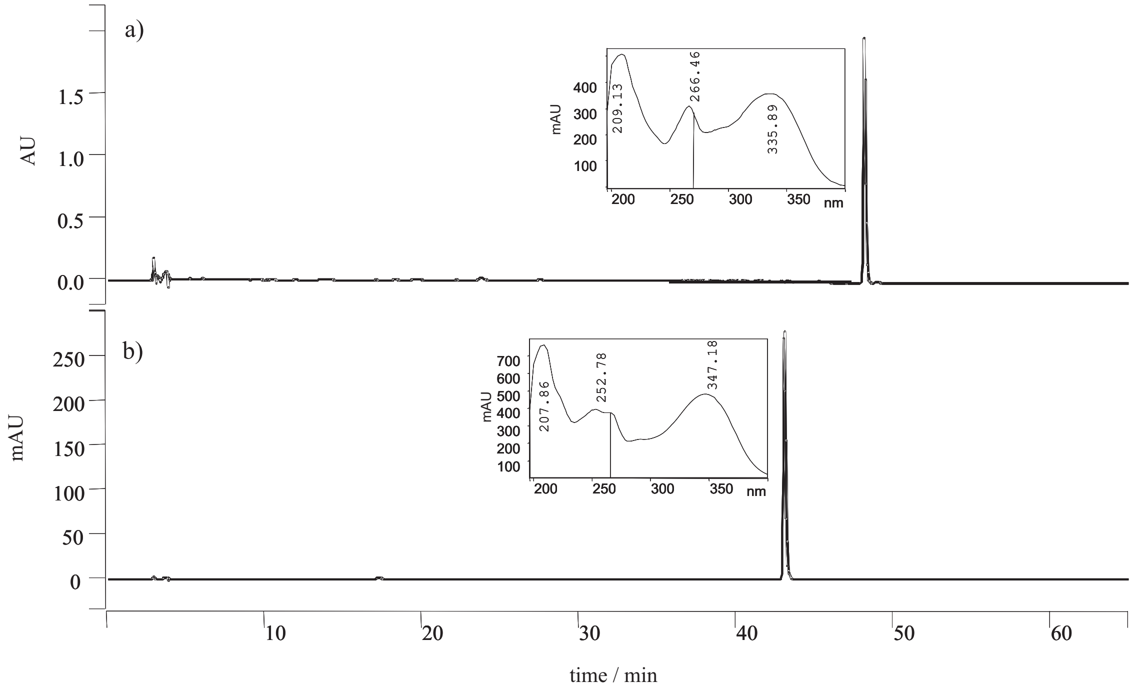

Figure S29. Cromatograms of the co-injections of a) apigenin isolated + apgenin Sigma® (1:1 m/m) and b) luteolin isolated + luteolin Sigma® (1:1 m/m) (C18, 250 × 4.60 mm i. d. × 5 µm). A binary gradient elution system with solvent A (0.05% TFA in H2O) and solvent B (0.05% TFA in CH3CN) was used, with linear gradient starting from 68:32 (A:B) at 20 min and then changed to 75:35 (A:B) for 40 min. The flow-rate was 1.0 mL min-1. λ 254 nm.