

Flavonoids from *Annona dioica* Leaves and their Effects in Ehrlich Carcinoma Cells, DNA-topoisomerase I and II

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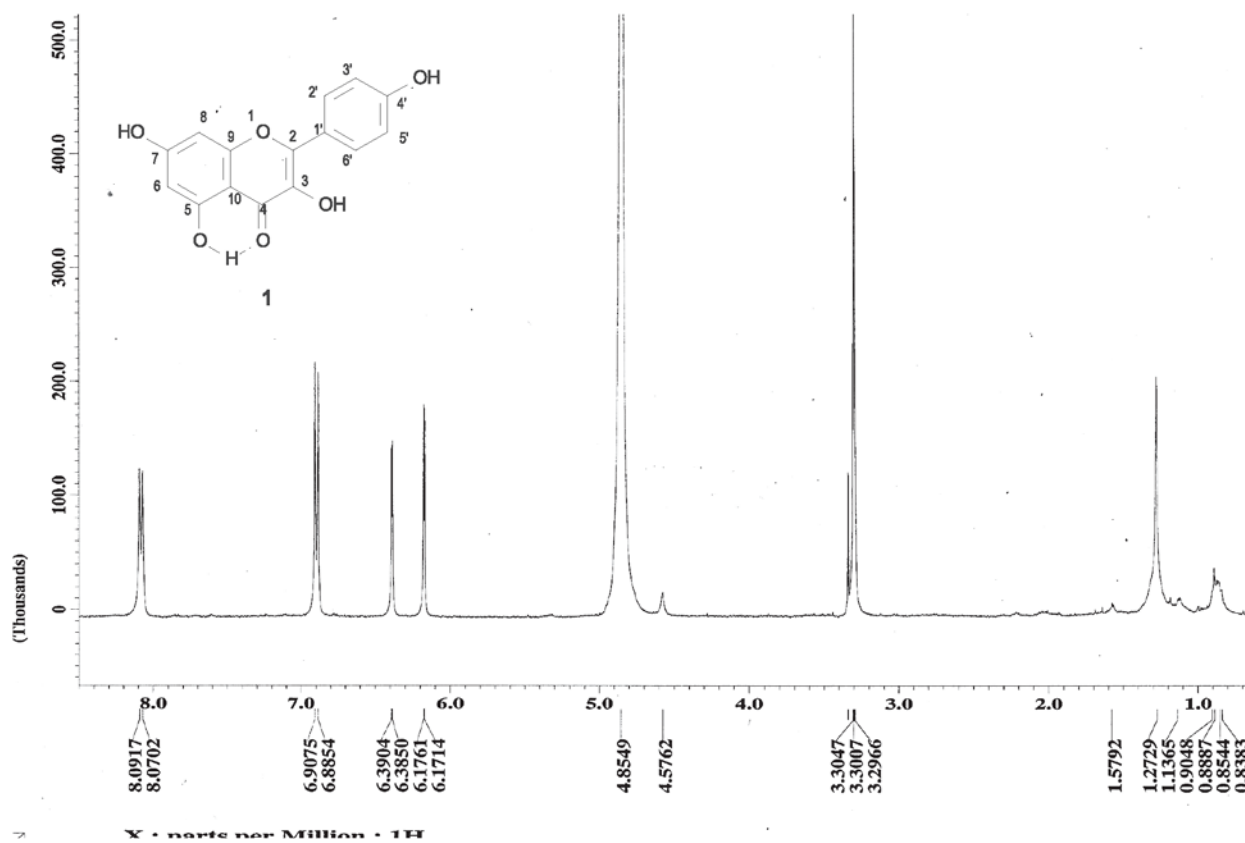


Figure S1. ¹H NMR spectrum of flavonoid 1 (400 MHz, CD₃OD).

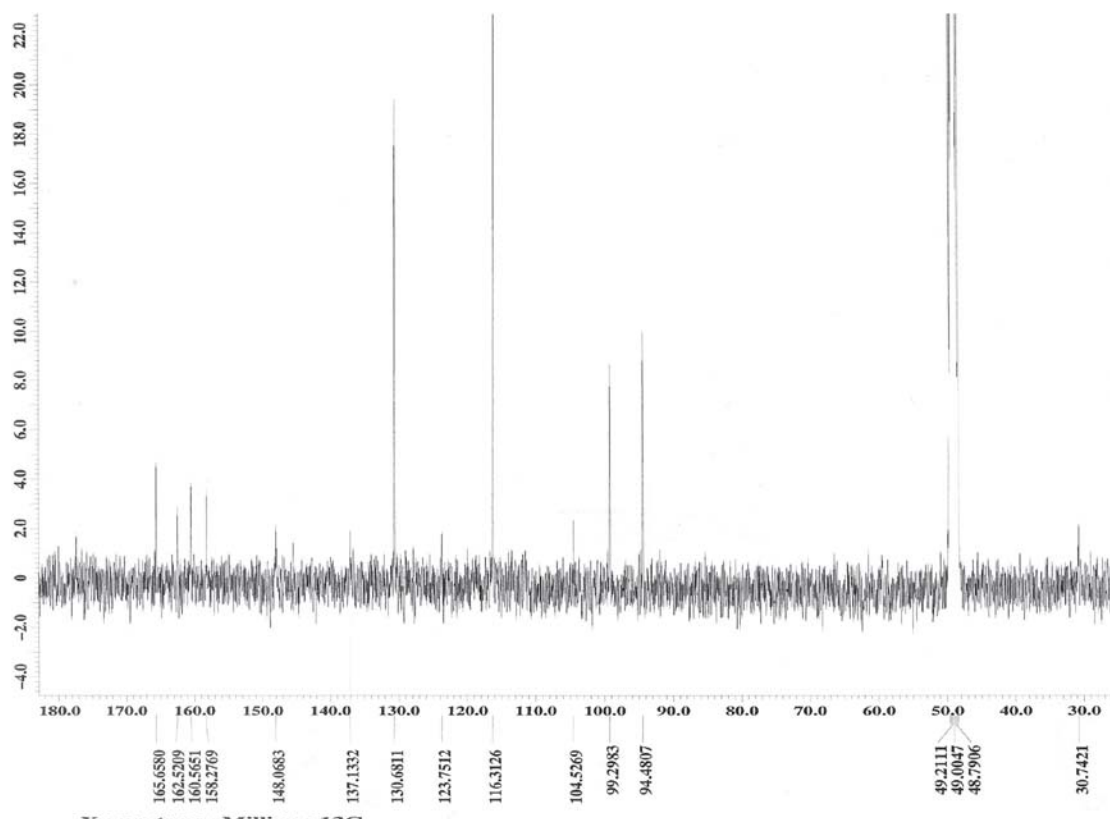


Figure S2. ^{13}C NMR spectrum of flavonoid 1 (100 MHz, CD_3OD).

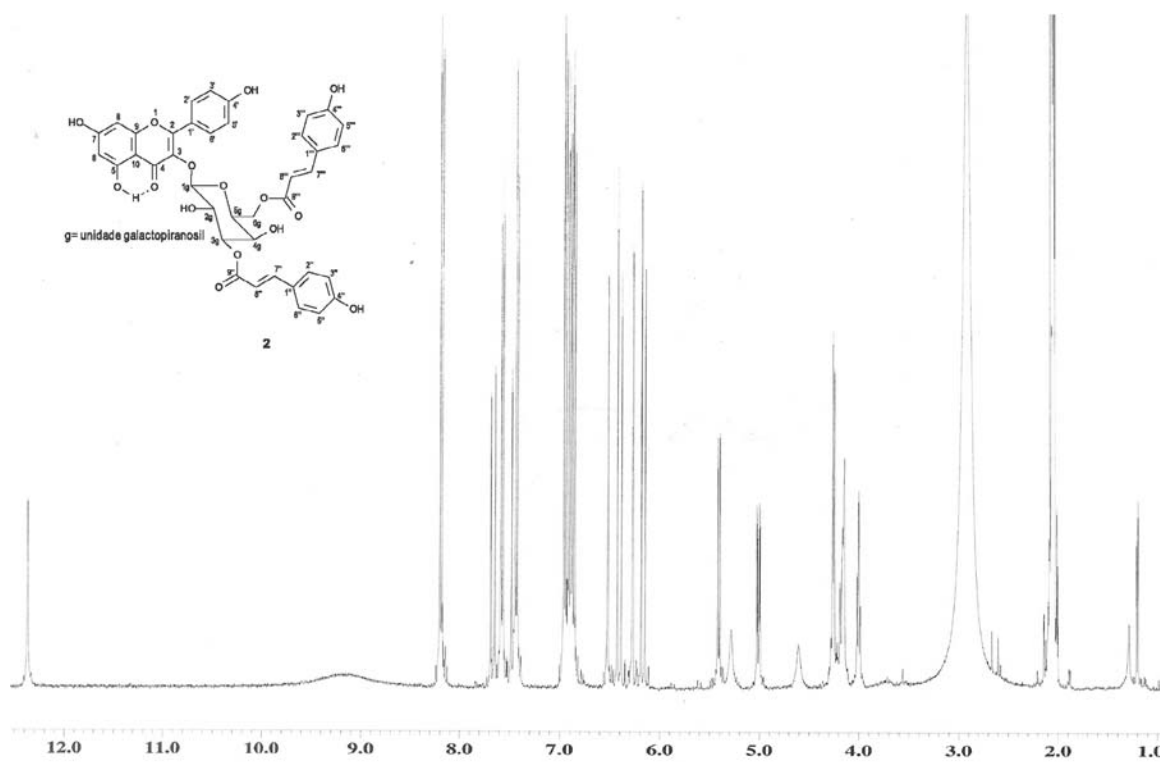


Figure S3. ^1H NMR spectrum of flavonoid 2 (400 MHz, acetone- D_6).

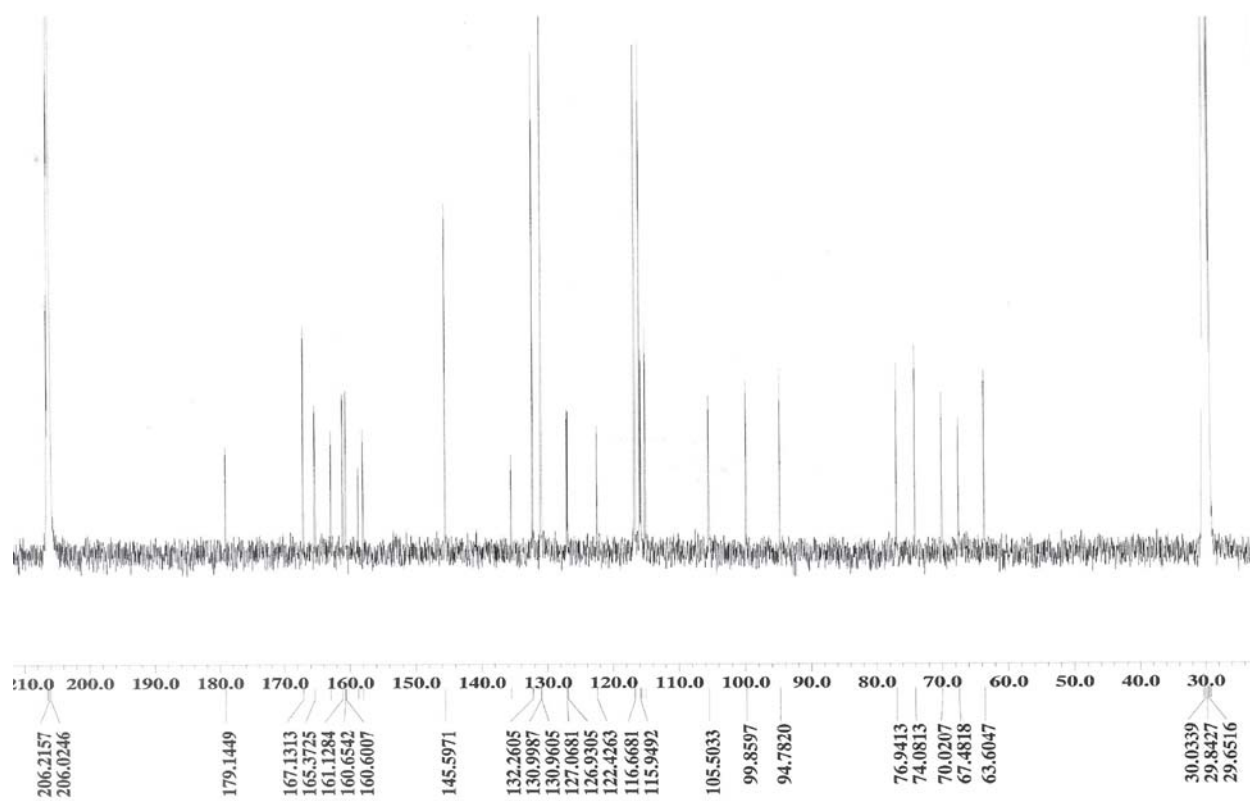


Figure S4. ^{13}C NMR spectrum of flavonoid **2** (100 MHz, acetone- D_6).

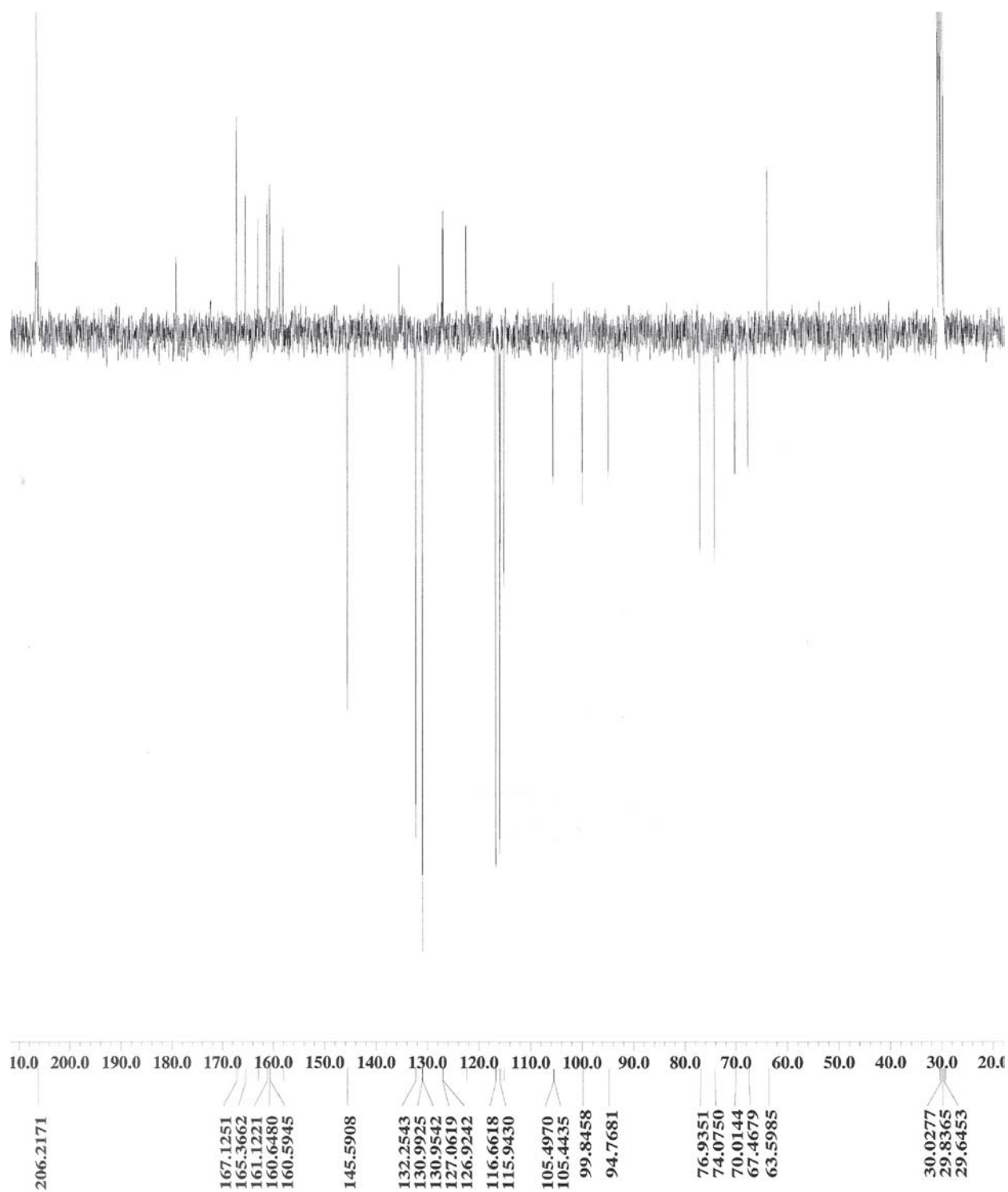
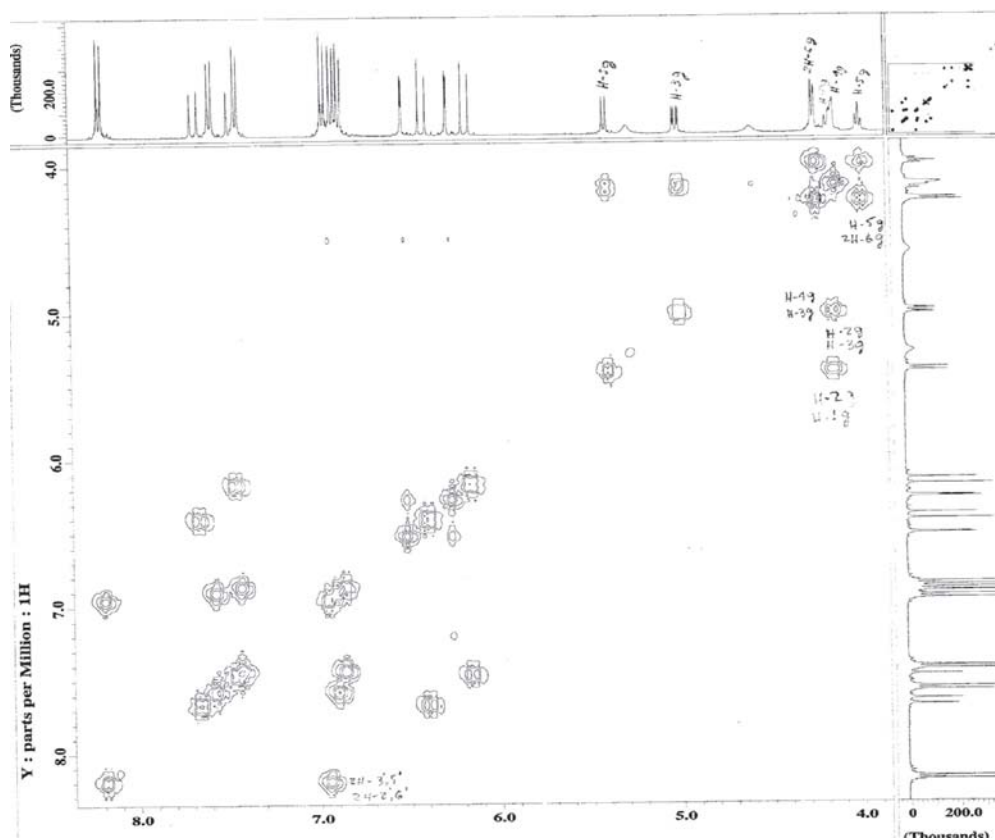
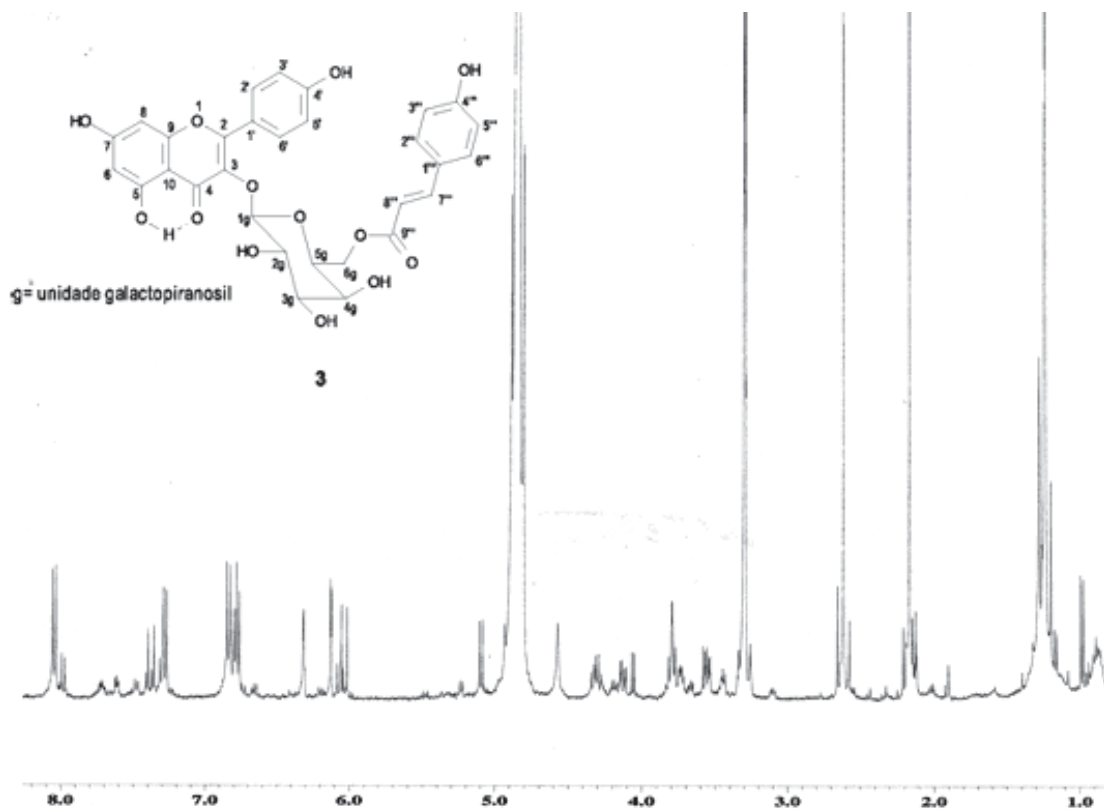
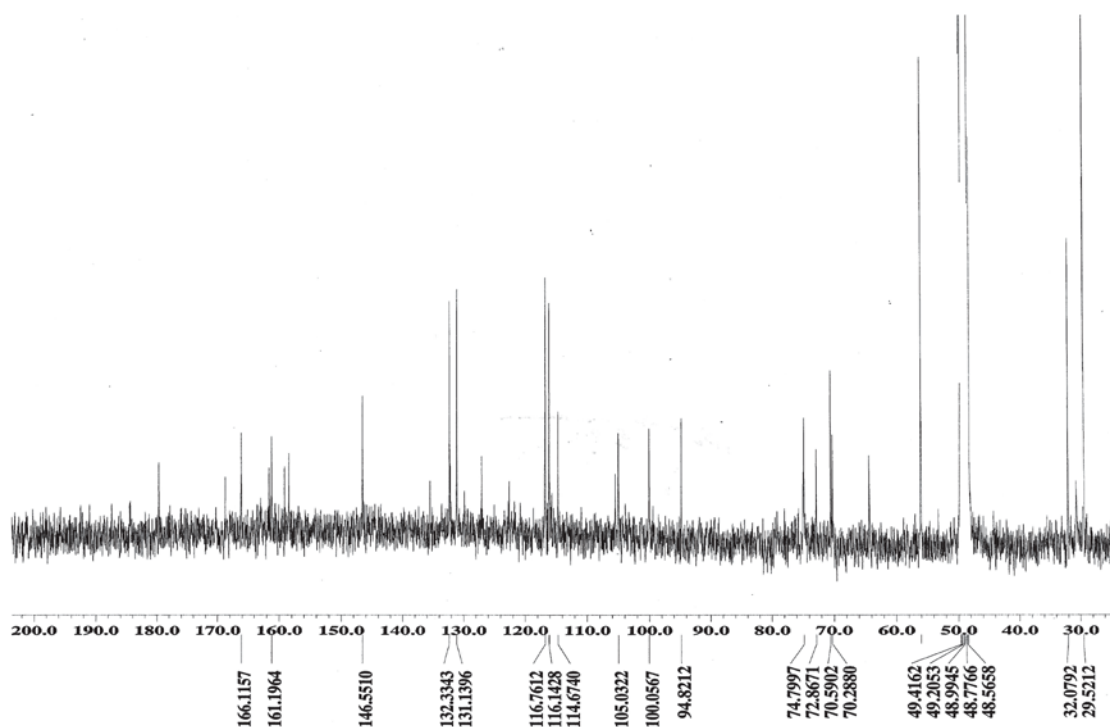
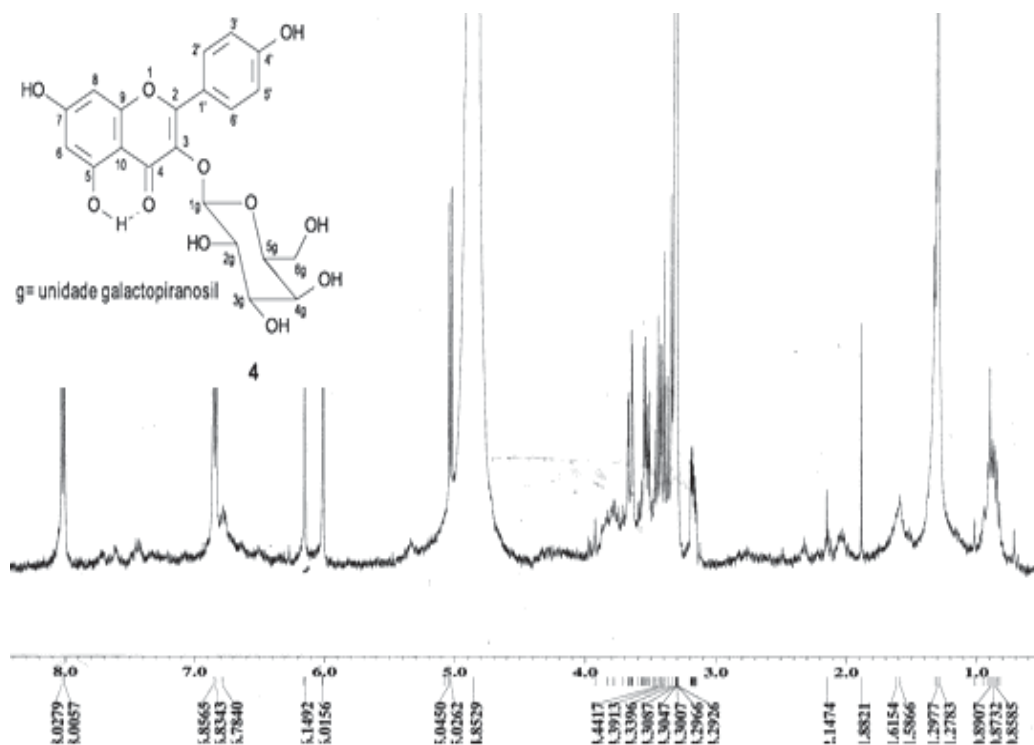


Figure S5. ^{13}C NMR - APT of flavonoid 2 (100 MHz, acetone- D_6).

Figure S6. NMR ^1H - ^1H -COSY spectrum of flavonoid 2.Figure S7. ^1H NMR spectrum of flavonoid 3 (400 MHz, CD_3OD).

Figure S8. ^{13}C NMR spectrum of flavonoid 3 (100 MHz, CD_3OD).Figure S9. NMR ^1H spectrum of flavonoid 4 (400 MHz, CD_3OD).

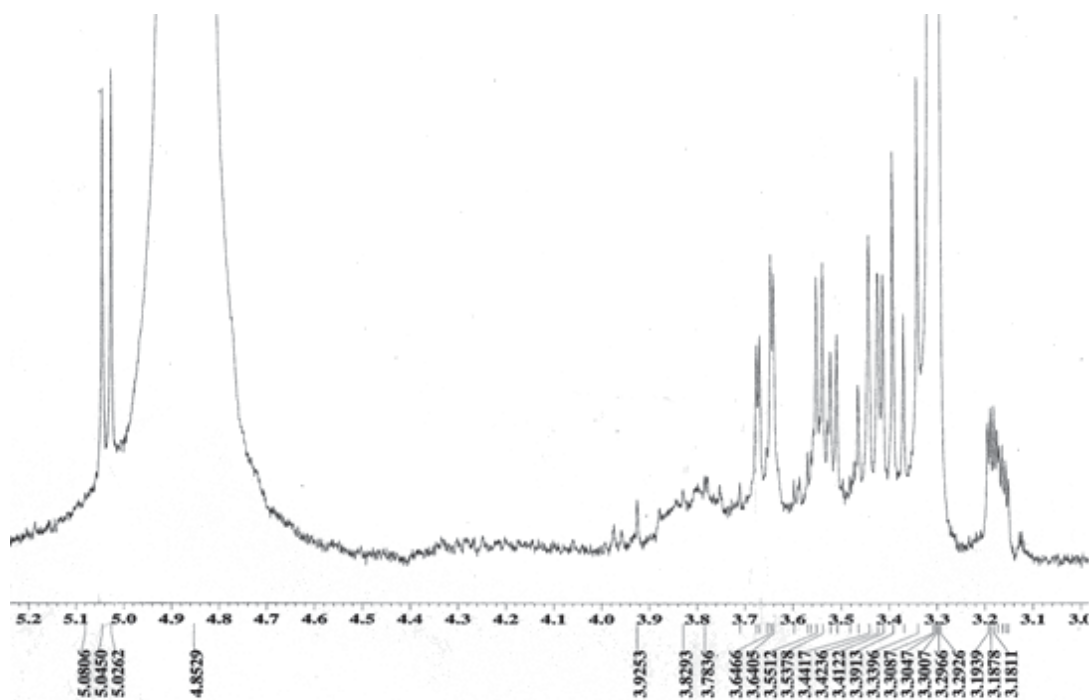


Figure S10. ^1H NMR spectrum expansion of flavonoid 4 de (400 MHz, CD_3OD).

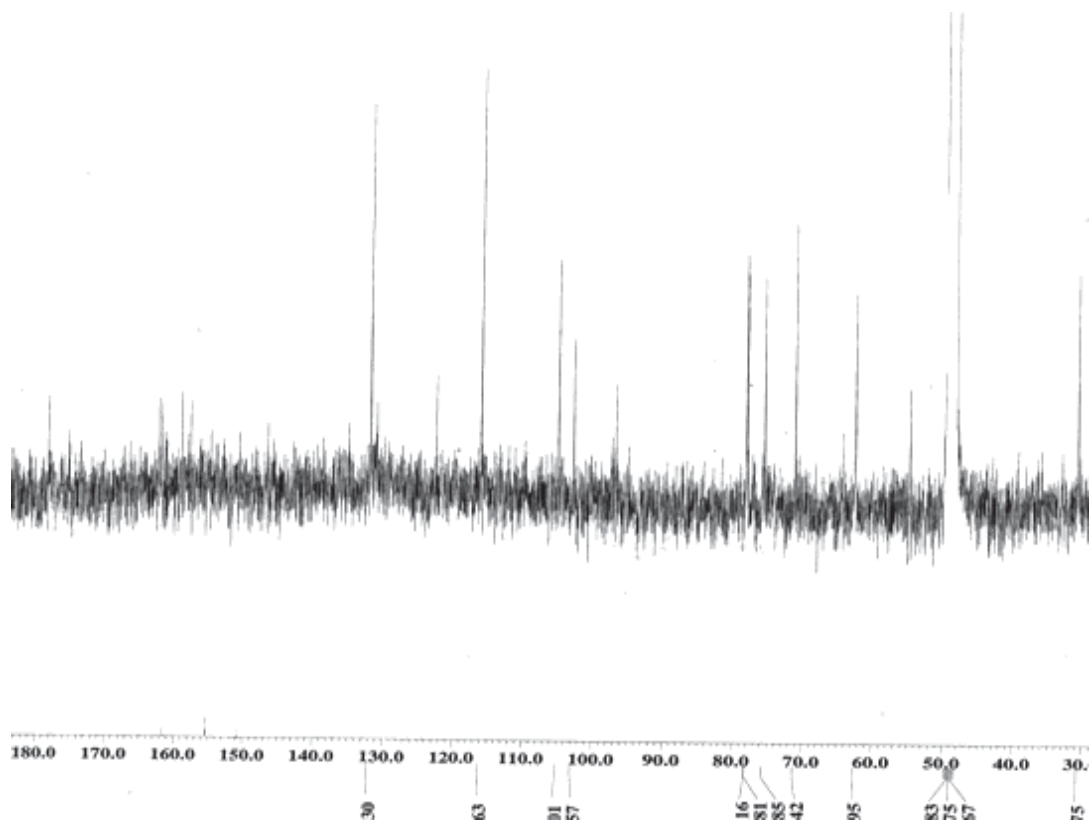


Figure S11. ^{13}C NMR spectrum of flavonoid 4 (100 MHz, CD_3OD).

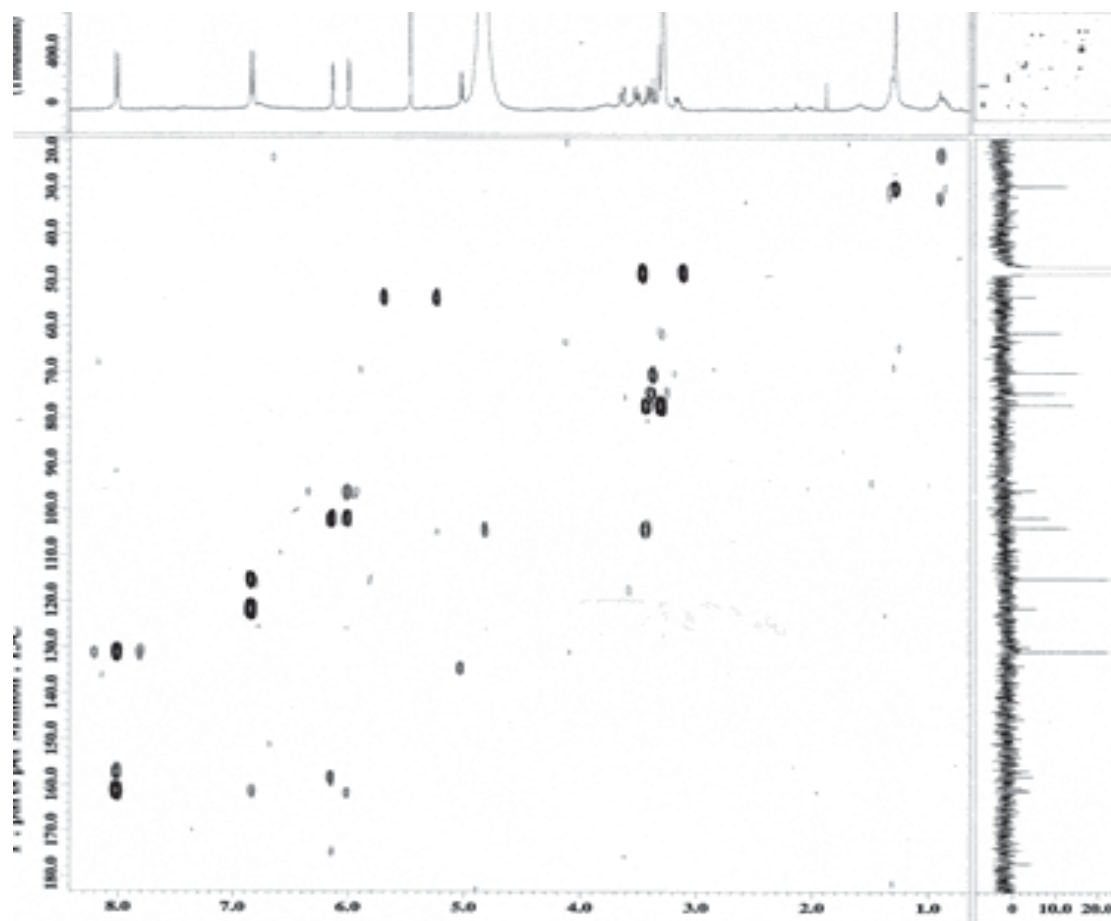


Figure S12. NMR $^1\text{H} - ^{13}\text{C}$ - HMBC (100 MHz, CD_3OD) of flavonoid 4.