
CHEMICAL CONSTITUENTS FROM THE LEAVES OF *Eriodictyon californicum* (Hook. & Arn.) Torr. (BORAGINACEAE)

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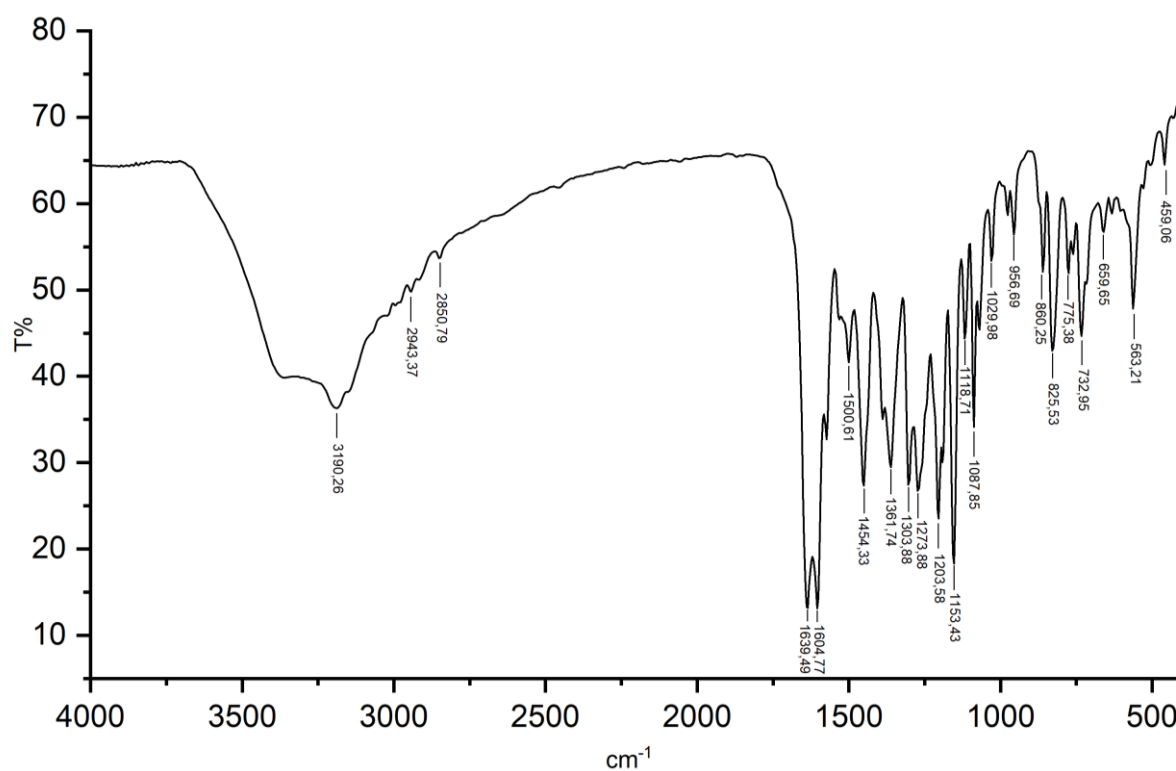


Figure 1S. Infrared spectrum of compound **1** (KBr pellet)

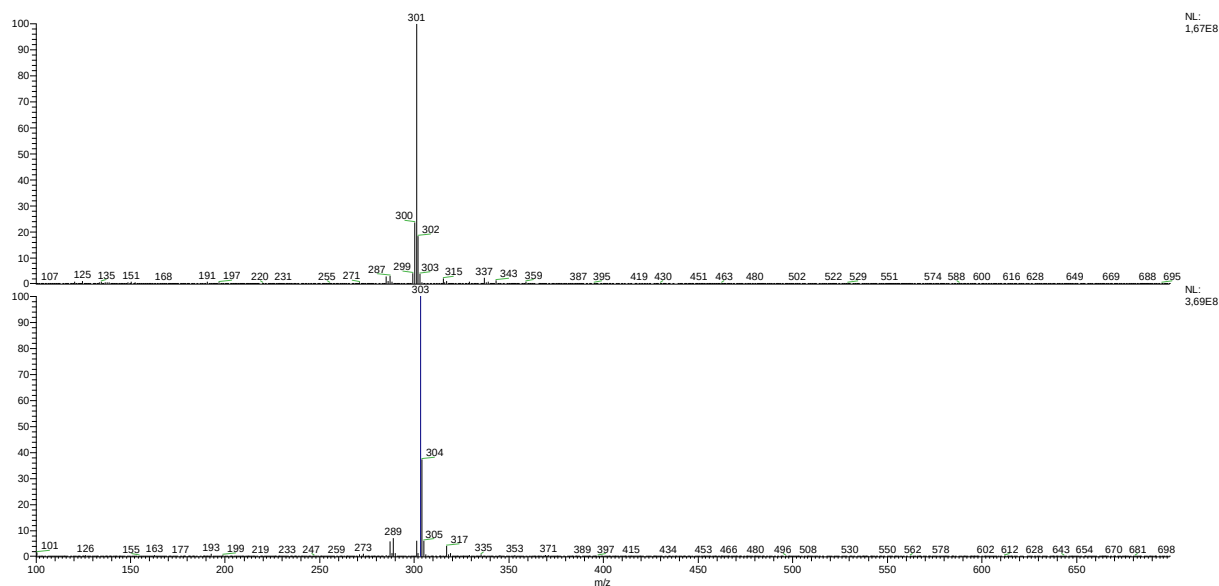


Figure 2S. Mass spectra of compound **1** using the APCI technique in negative (upper) and positive (lower) modes

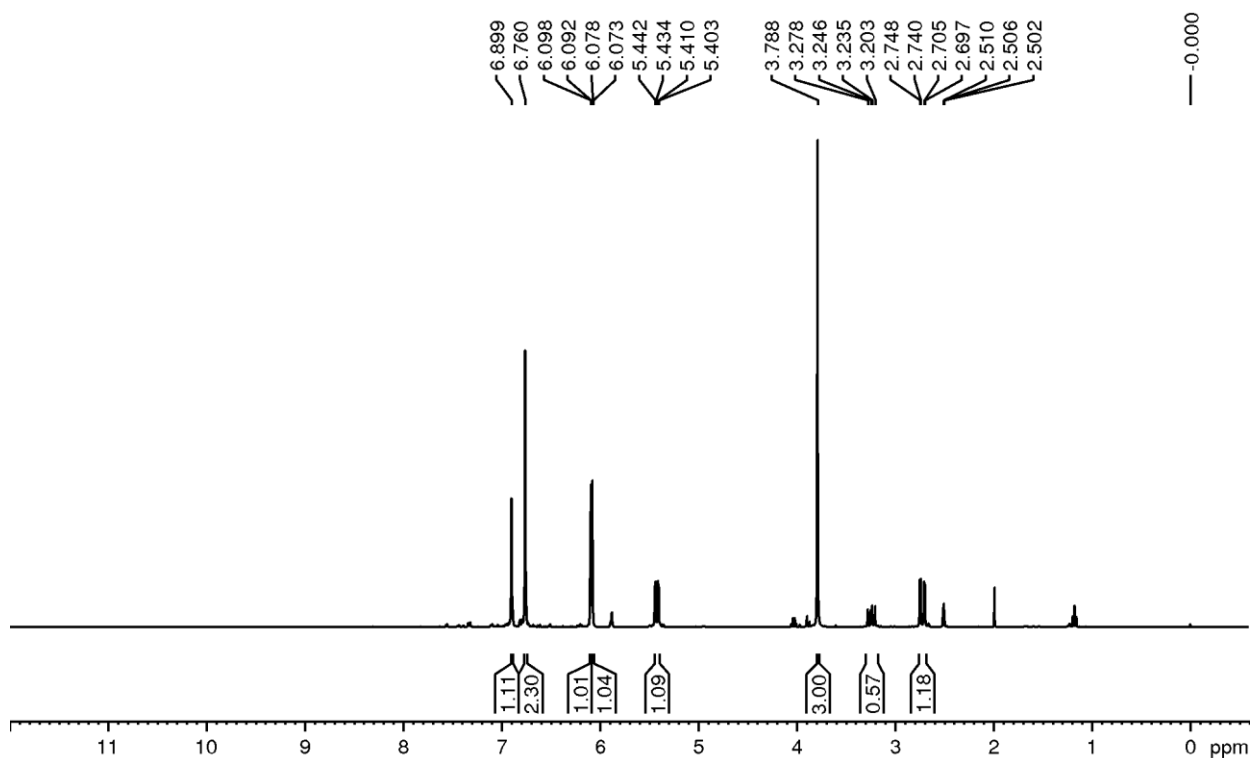


Figure 3S. ^1H NMR spectrum of compound **1** (DMSO-d_6 , 400 MHz)

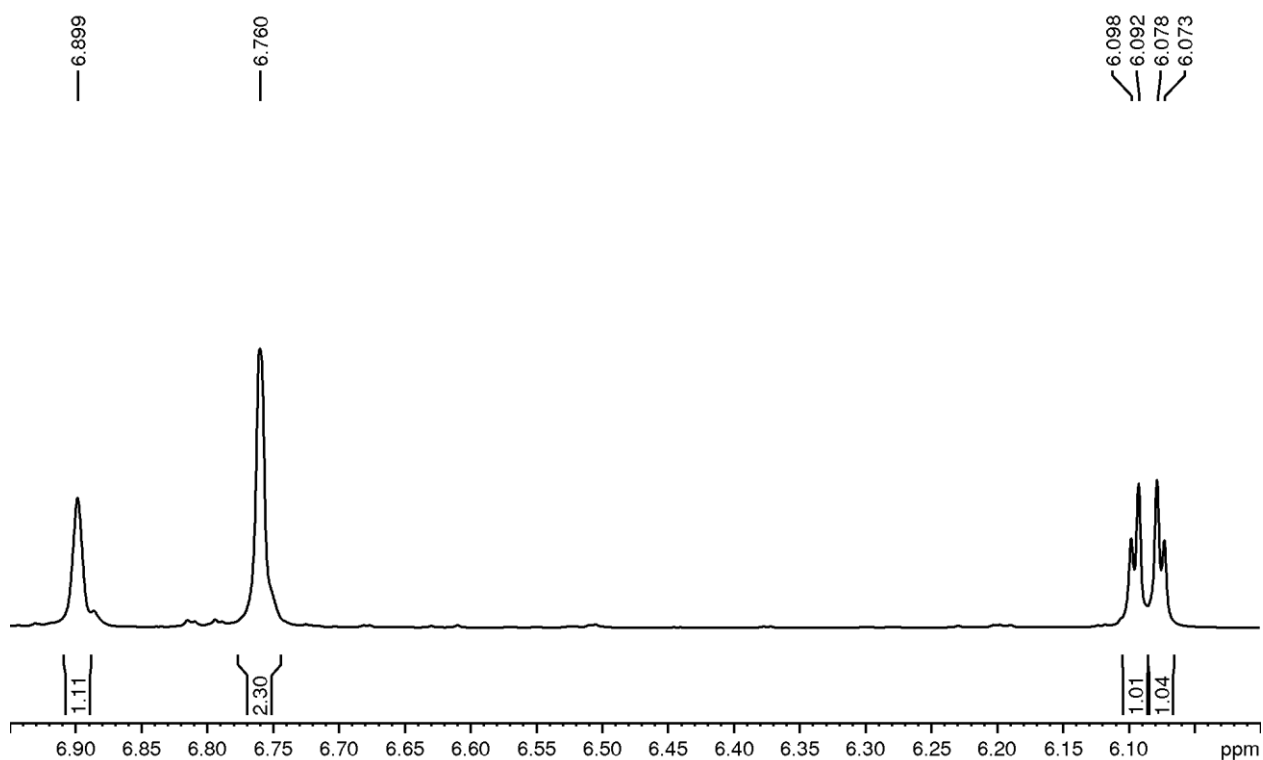


Figure 4S. Expansion of the ^1H NMR spectrum of compound **1** in the 6.00-6.95 ppm region (DMSO-d_6 , 400 MHz)

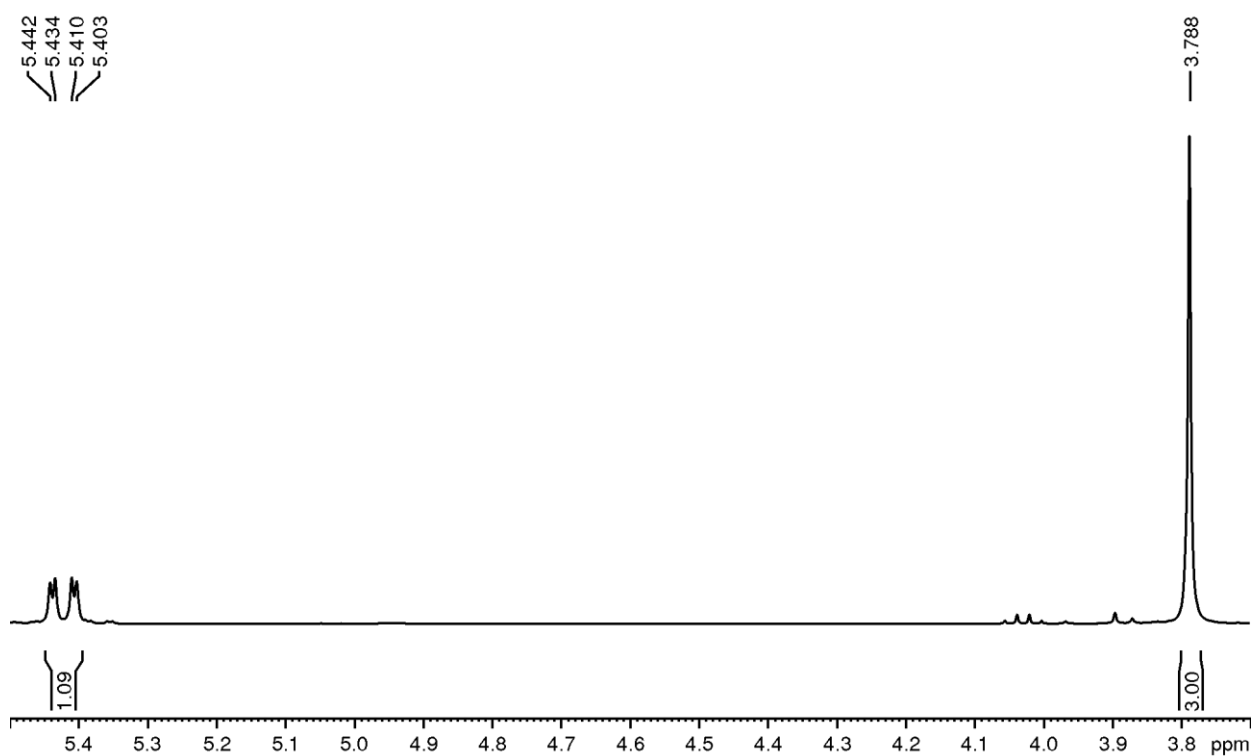


Figure 5S. Expansion of the ^1H NMR spectrum of compound **1** in the 3.70-5.50 ppm region (DMSO- d_6 , 400 MHz)

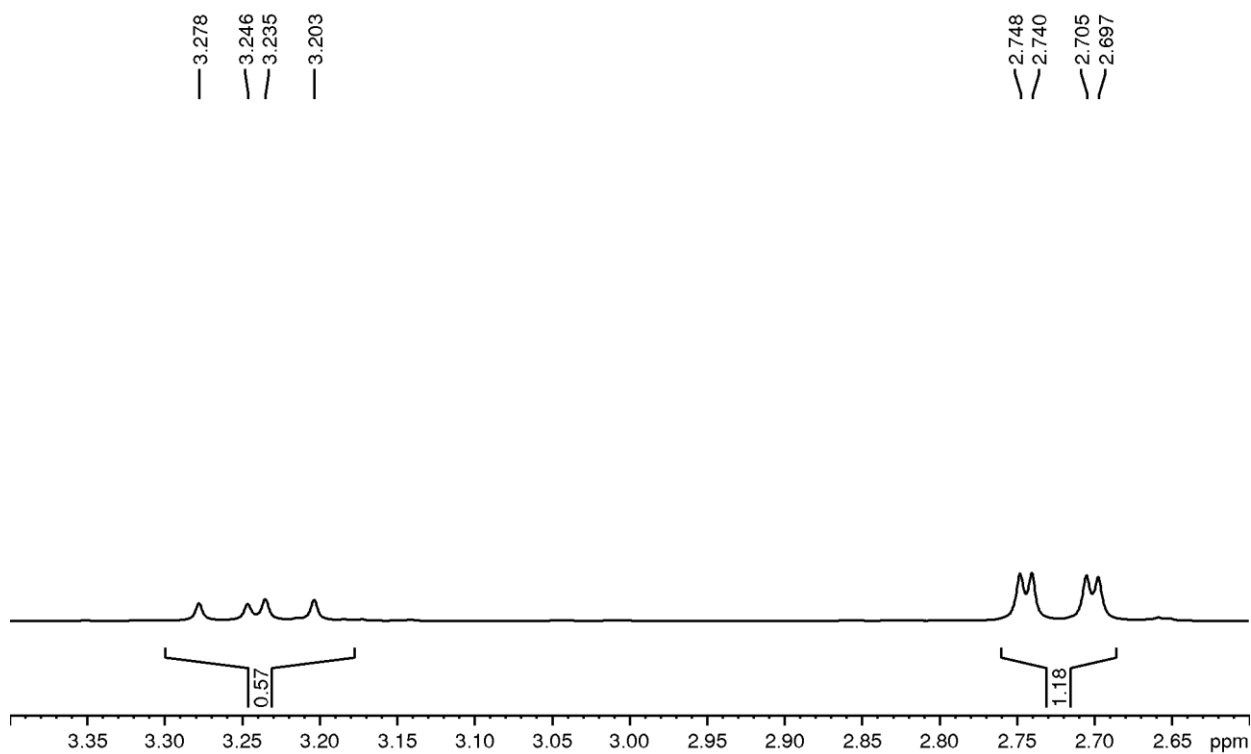


Figure 6S. Expansion of the ^1H NMR spectrum of compound **1** in the 2.60-3.40 ppm region (DMSO- d_6 , 400 MHz)

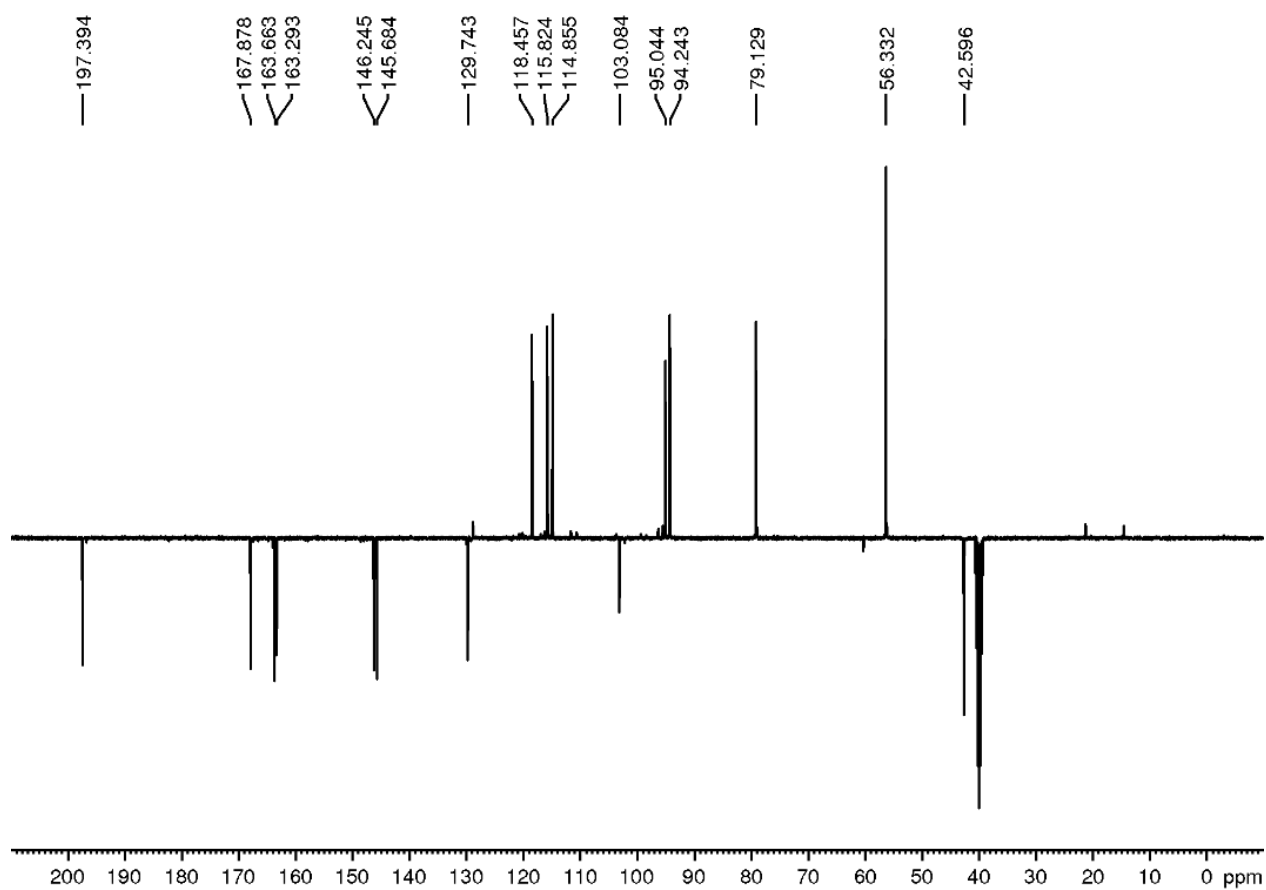


Figure 7S. DEPTQ NMR spectrum of compound **1** (DMSO- d_6 , 100 MHz)

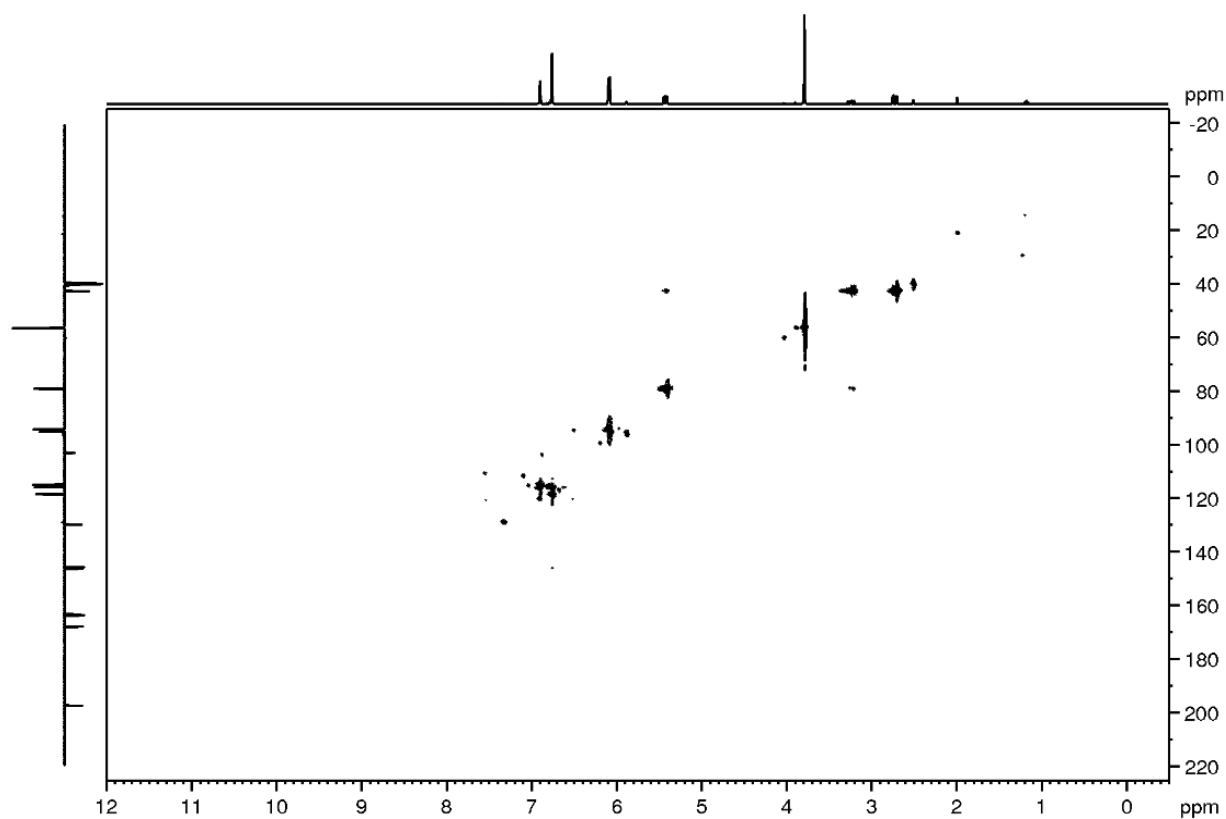


Figure 8S. ^1H - ^{13}C HSQC correlation map of compound **1** (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO- d_6)

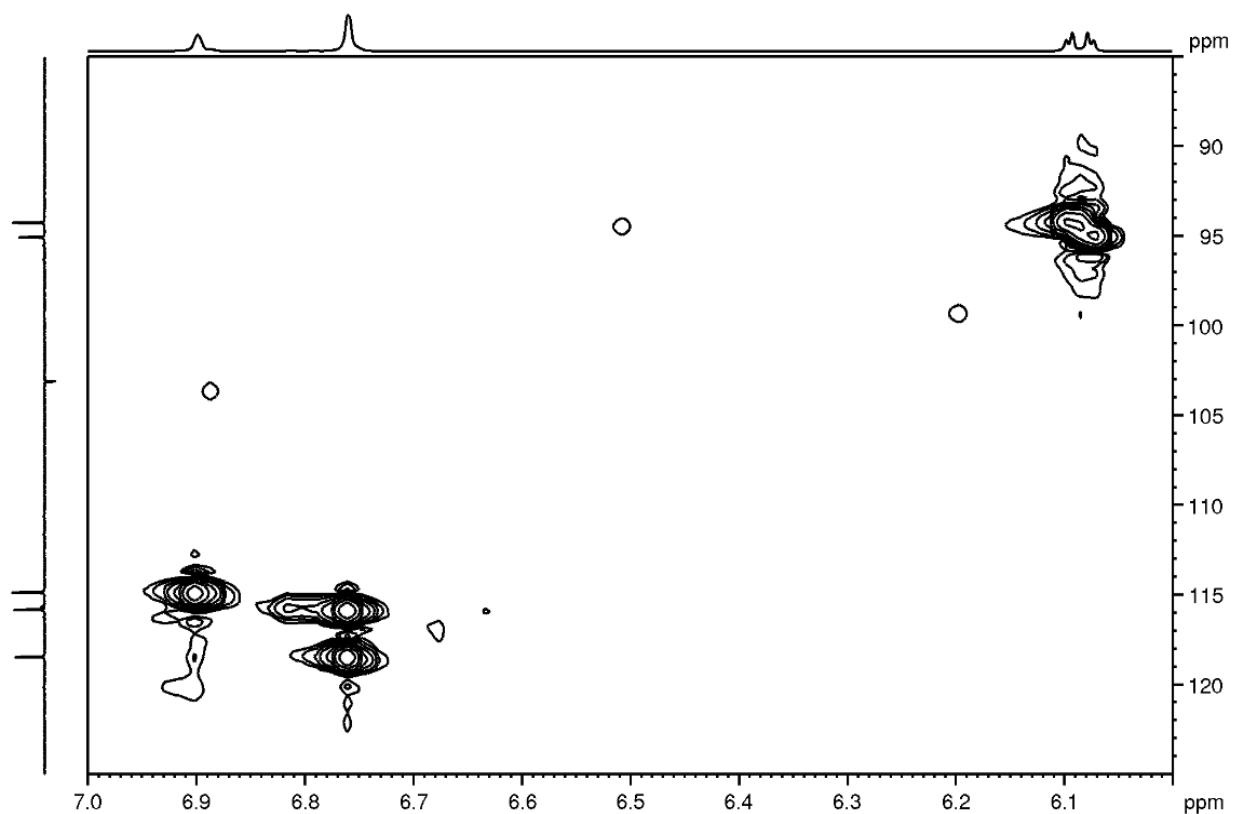


Figure 9S. Correlation map expansion ^1H - ^{13}C HSQC of compound **1** in the region of 6.00-7.00 ppm and 80.00-130.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO- d_6)

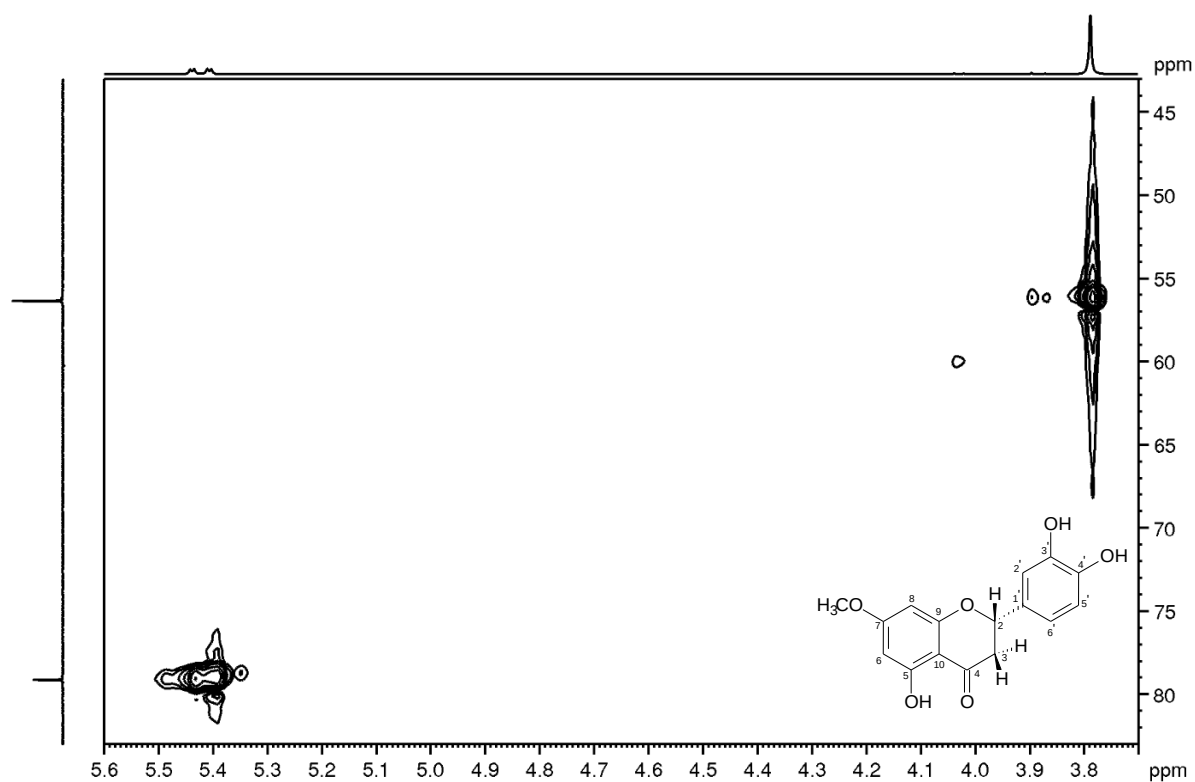


Figure 10S. Expansion of the ^1H - ^{13}C HSQC correlation map of compound **1** in the region of 3.70-5.60 ppm and 43.00-83.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO- d_6)

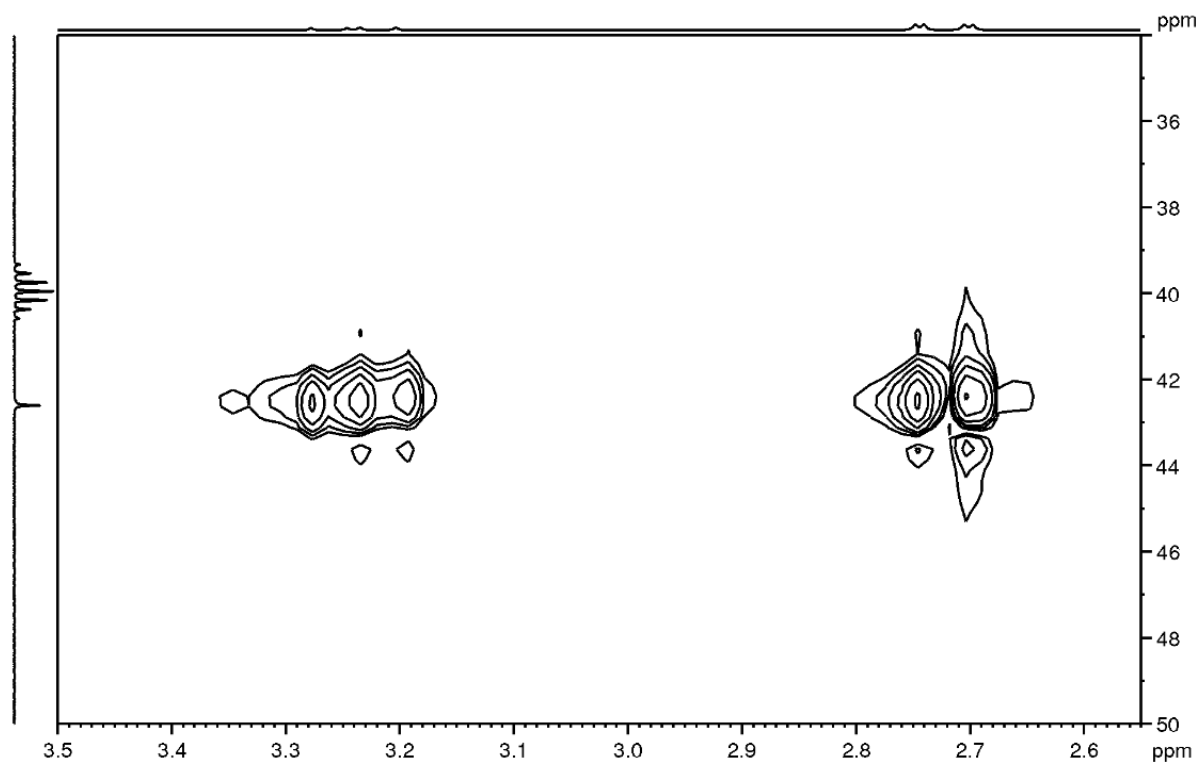


Figure 11S. Expansion of the ^1H - ^{13}C HSQC correlation map of compound **1** in the region of 2.55-3.50 ppm and 34.00-50.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO-d_6)

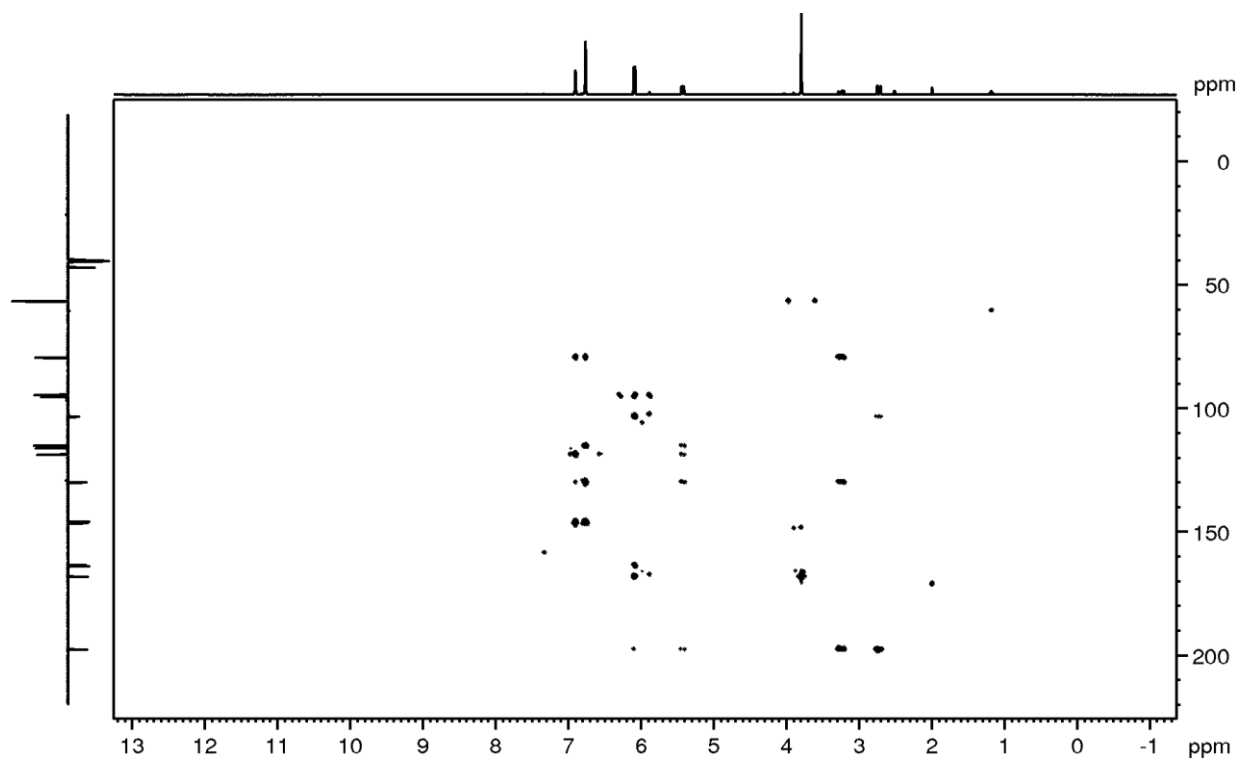


Figure 12S. ^1H - ^{13}C HMBC correlation map of compound **1** (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO-d_6)

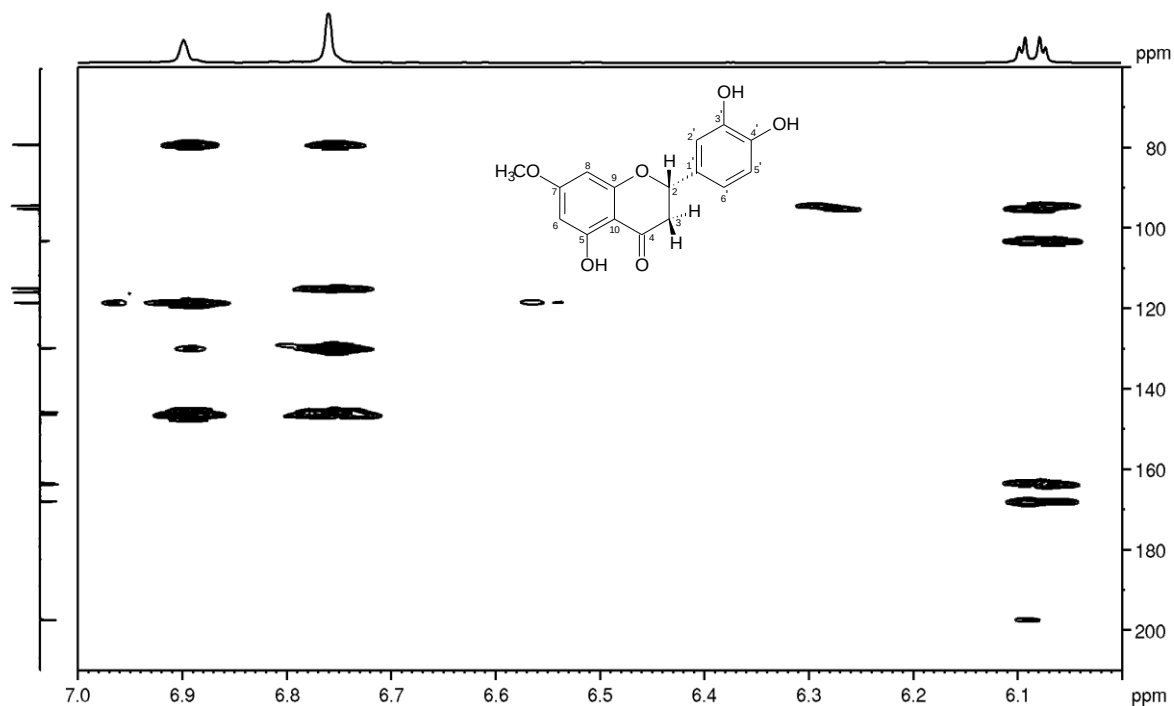


Figure 13S. Expansion of the ^1H - ^{13}C HMBC correlation map of compound **1** in the region of 7.00-6.00 ppm and 60.00-210.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO-d_6)

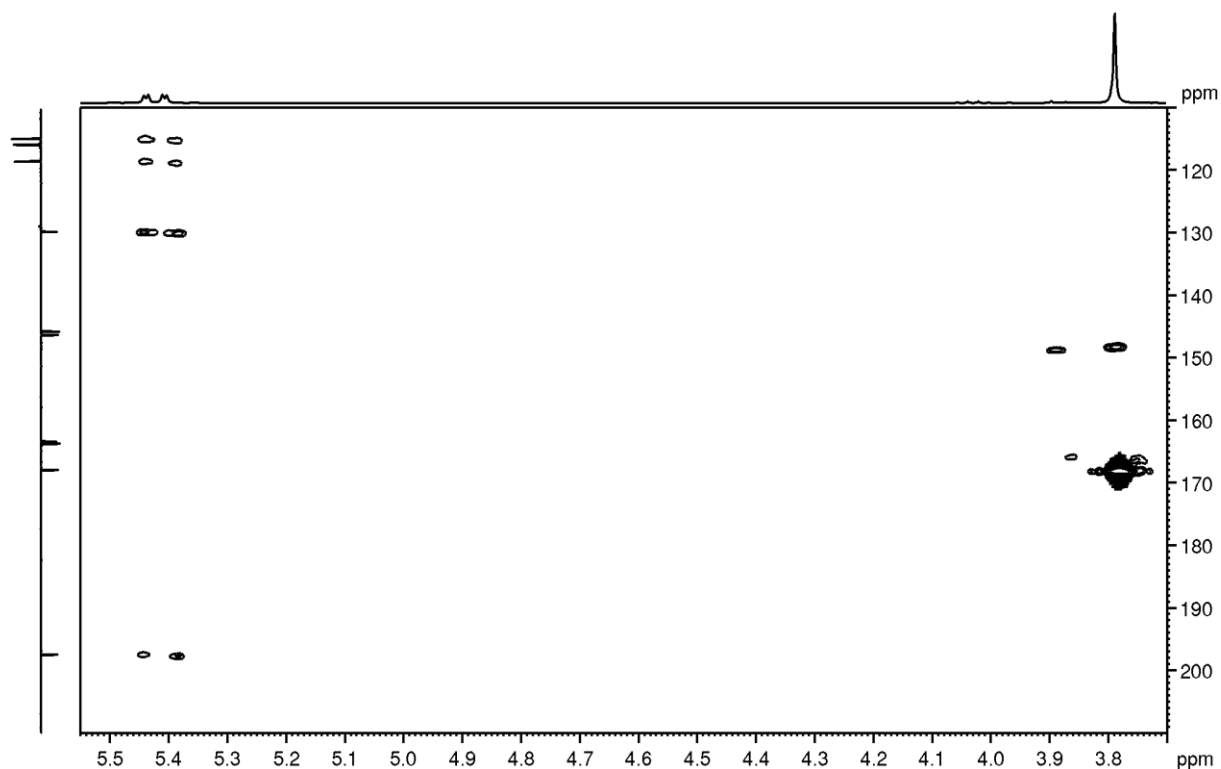


Figure 14S. Expansion of the ^1H - ^{13}C HMBC correlation map of compound **1** in the region of 5.55-3.70 ppm and 110.00-210.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO-d_6)

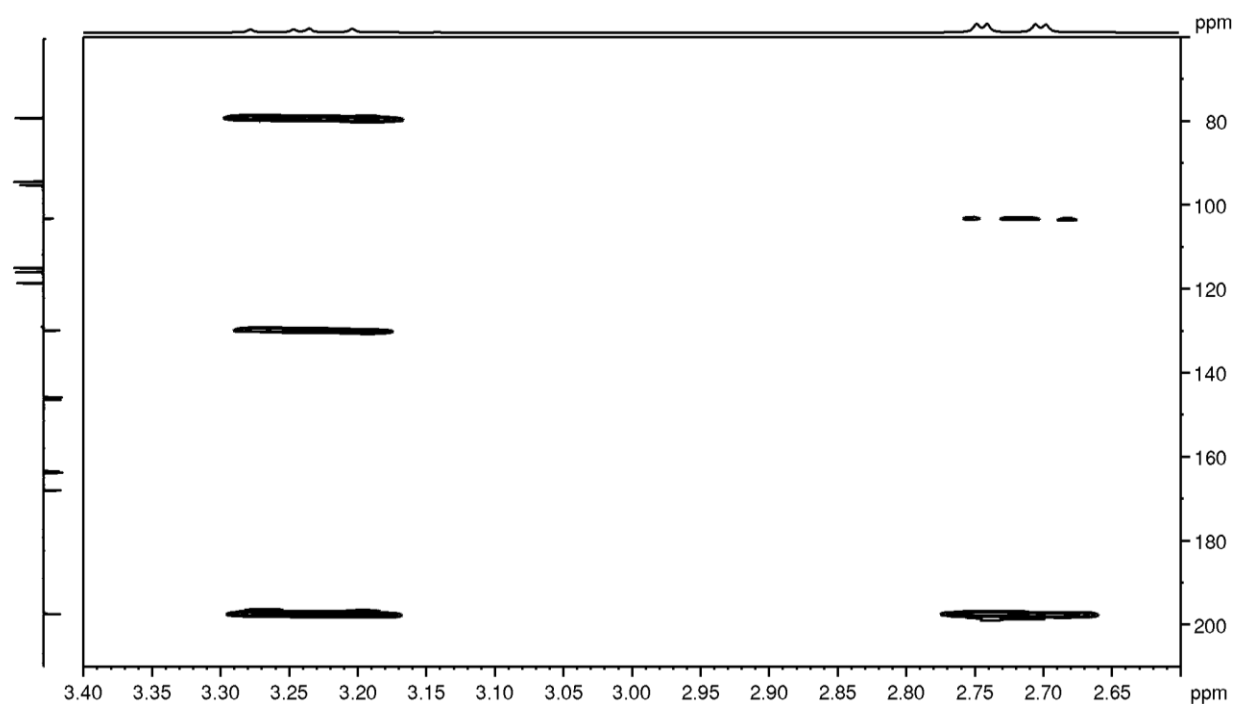


Figure 15S. Expansion of the ^1H - ^{13}C HMBC correlation map of compound **1** in the region of 2.60-3.40 ppm and 60.00-210.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO-d_6)

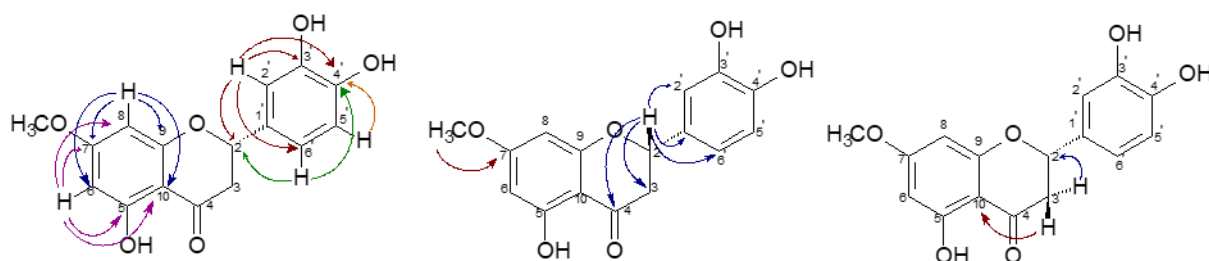


Figure 16S. Main correlations of the ^1H - ^{13}C HMBC correlation map of compound **1**

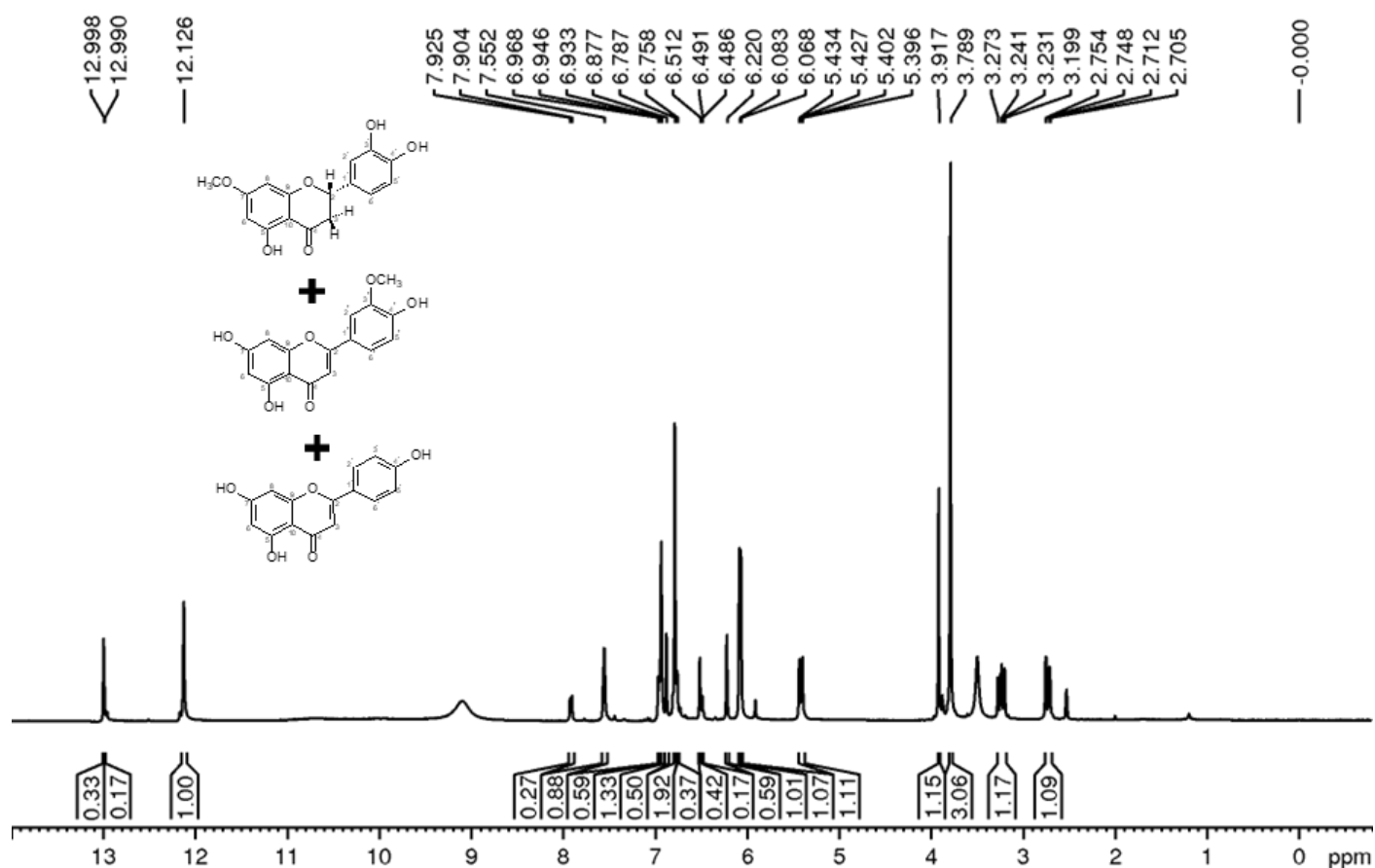


Figure 17S. ^1H NMR spectra of compounds **1**, **2** and **3** (DMSO- d_6 , 400 MHz)

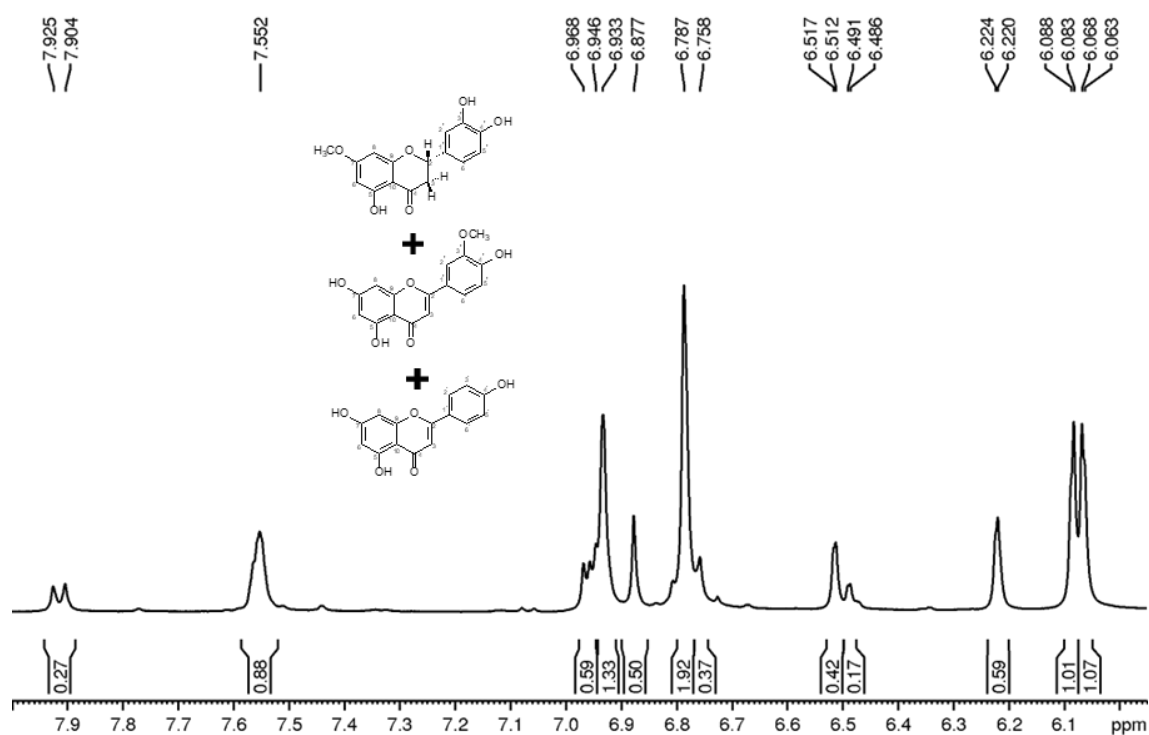


Figure 18S. Expansion of the ^1H NMR spectrum of compounds **1**, **2** and **3** in the 5.95-8.00 ppm region (DMSO- d_6 , 400 MHz)

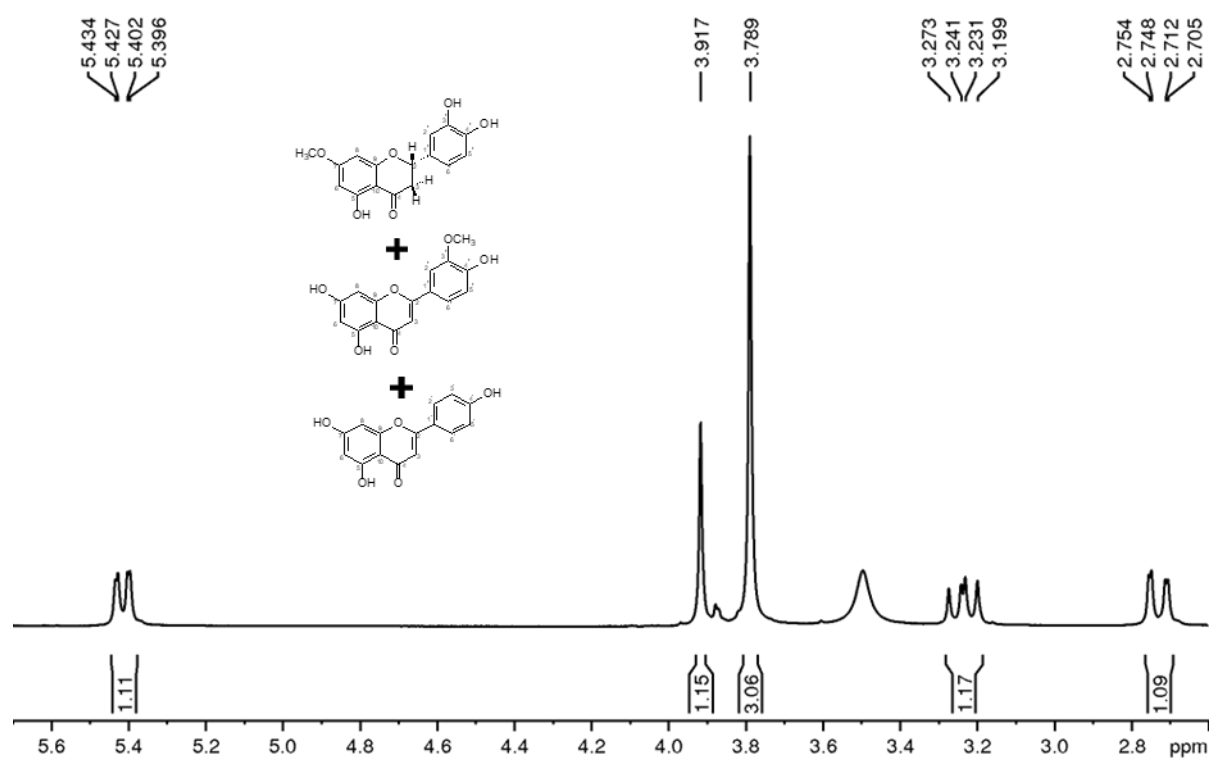


Figure 19S. Expansion of the ¹H NMR spectrum of compounds 1, 2 and 3 in the 2.60–5.70 ppm region (DMSO-d₆, 400 MHz)

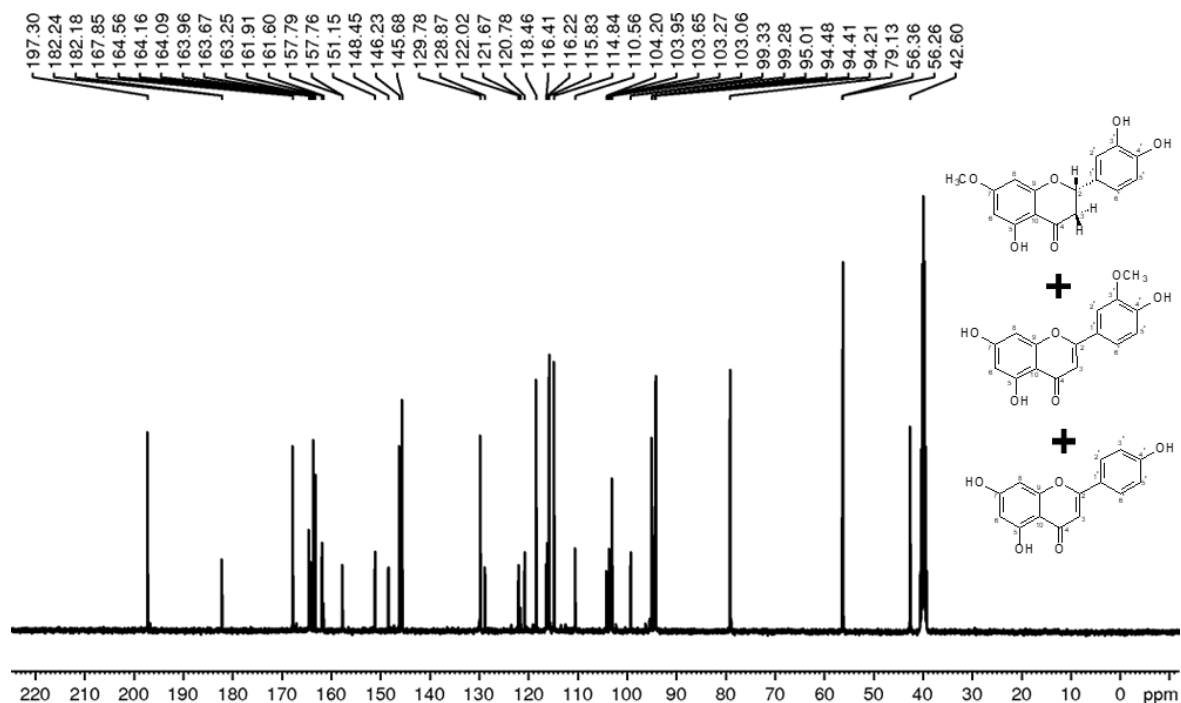


Figure 20S. ¹³C NMR spectra of compounds 1, 2 and 3 (DMSO-d₆, 100 MHz)

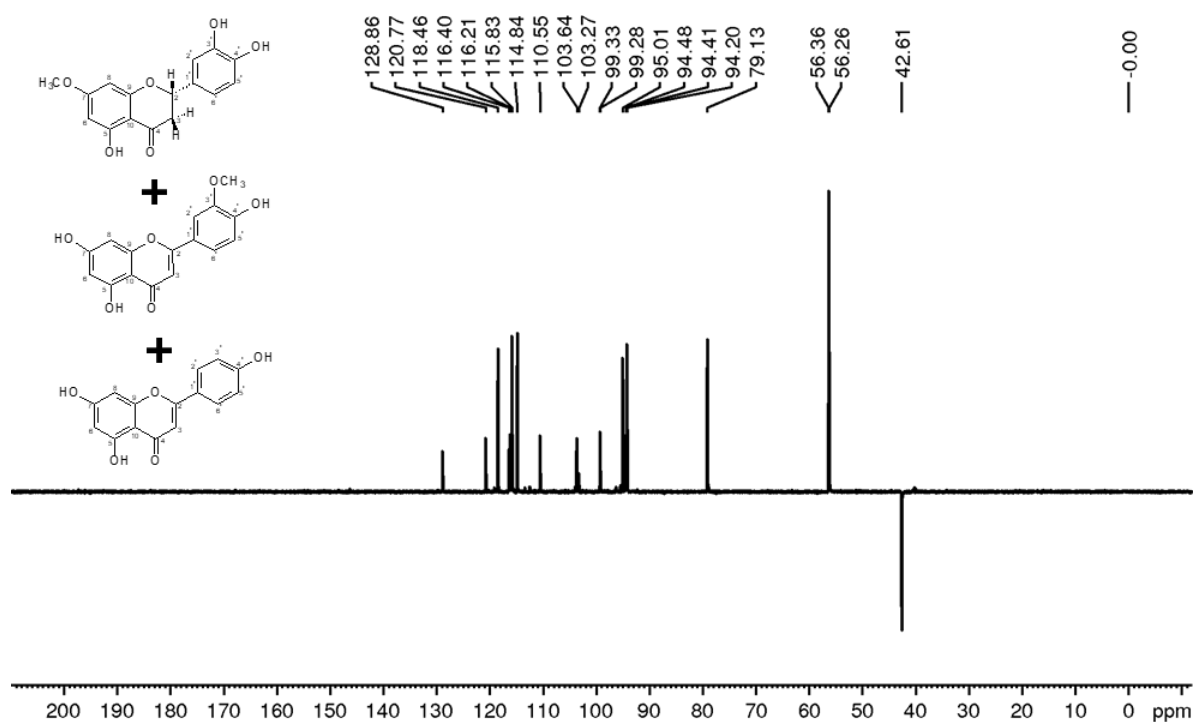


Figure 21S. DEPT135 NMR spectra of compounds 1, 2 and 3 (DMSO- d_6 , 100 MHz)

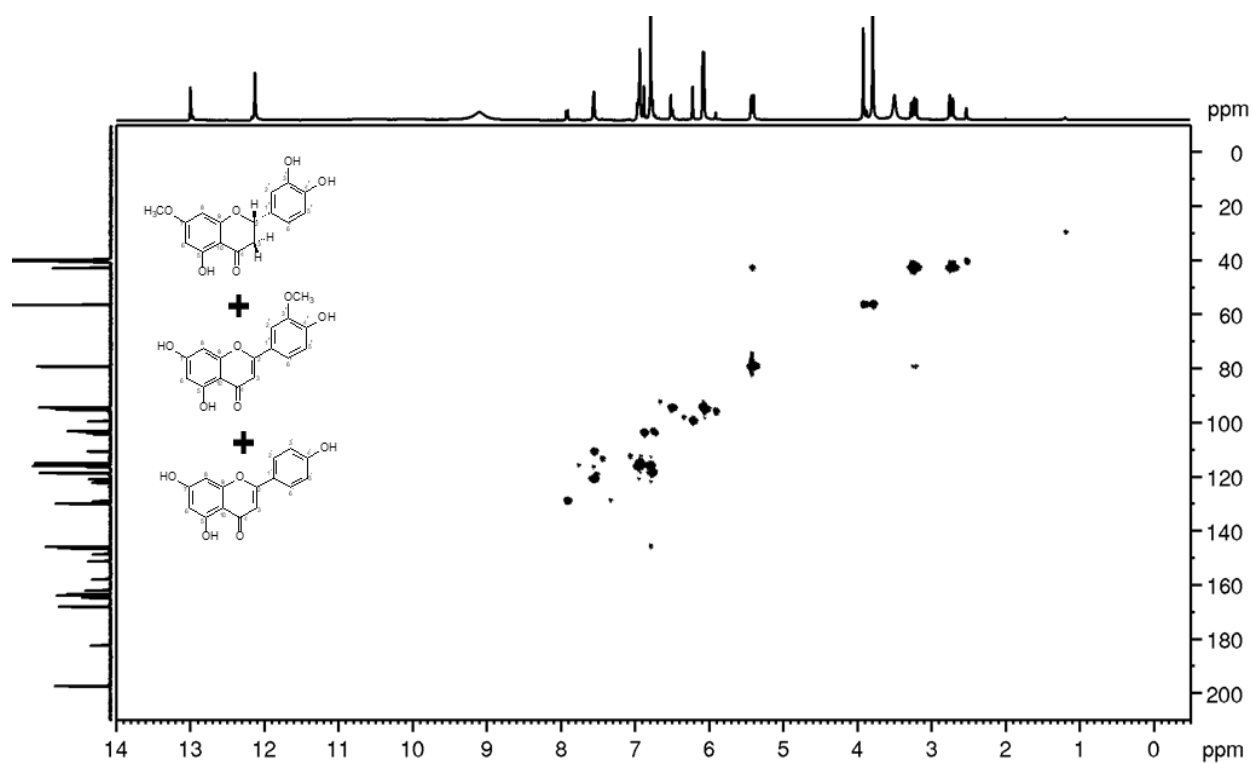


Figure 22S. ^1H - ^{13}C HSQC correlation map of compounds 1, 2 and 3 (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO- d_6)

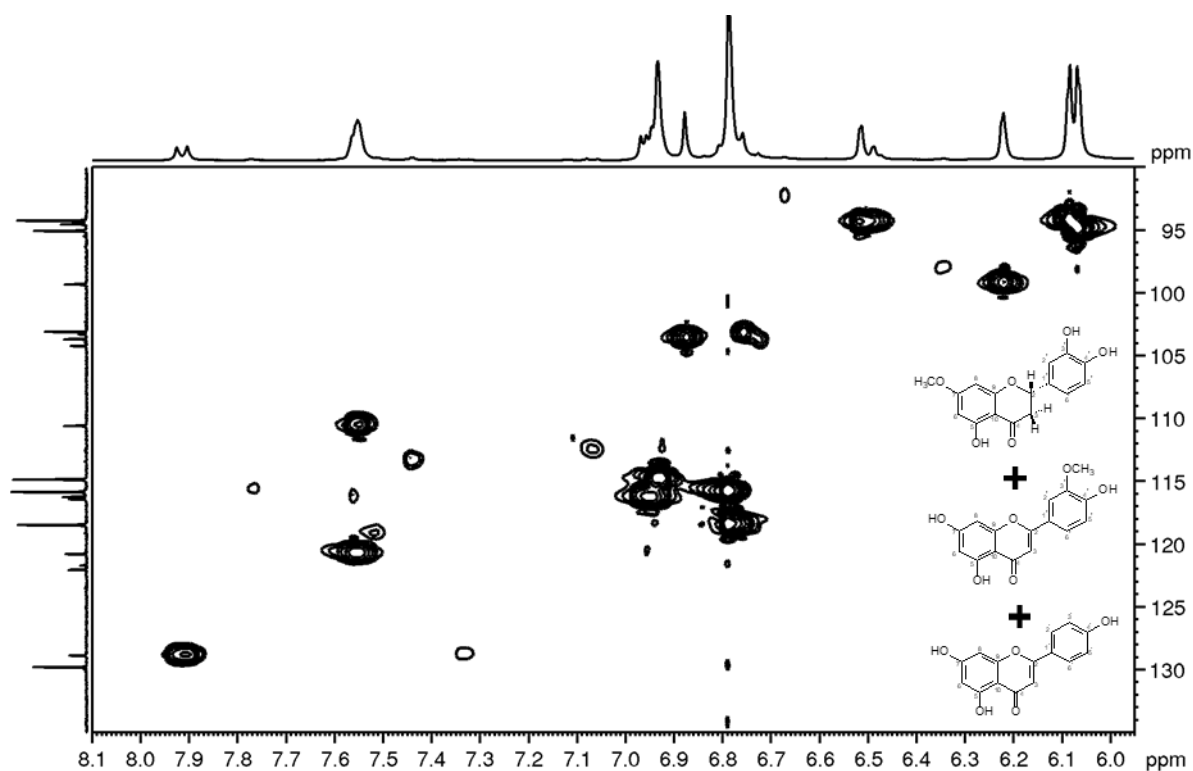


Figure 23S. Expansion of the HSQC correlation map of compounds **1**, **2** and **3** in the region of 5.90-8.10 ppm and 90.00-135.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO-d_6)

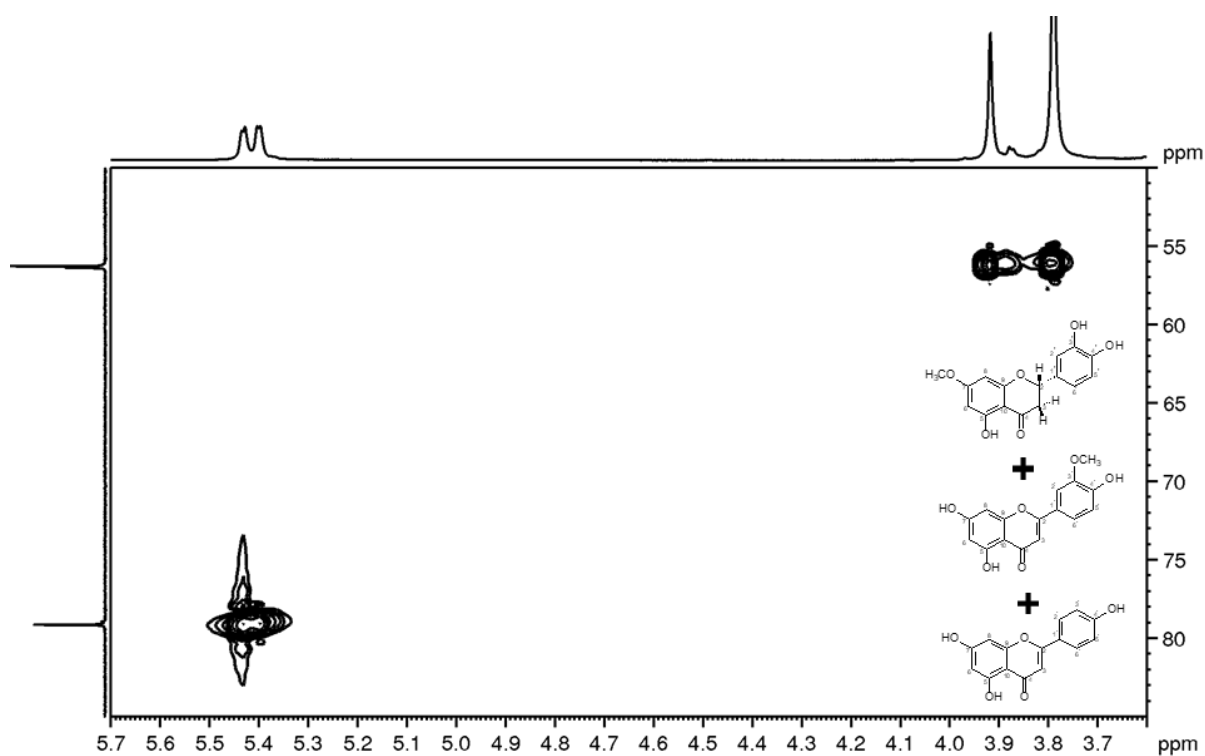


Figure 24S. Expansion of the HSQC correlation map of compounds **1**, **2** and **3** in the region of 3.60-5.60 ppm and 50.00-85.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO-d_6)

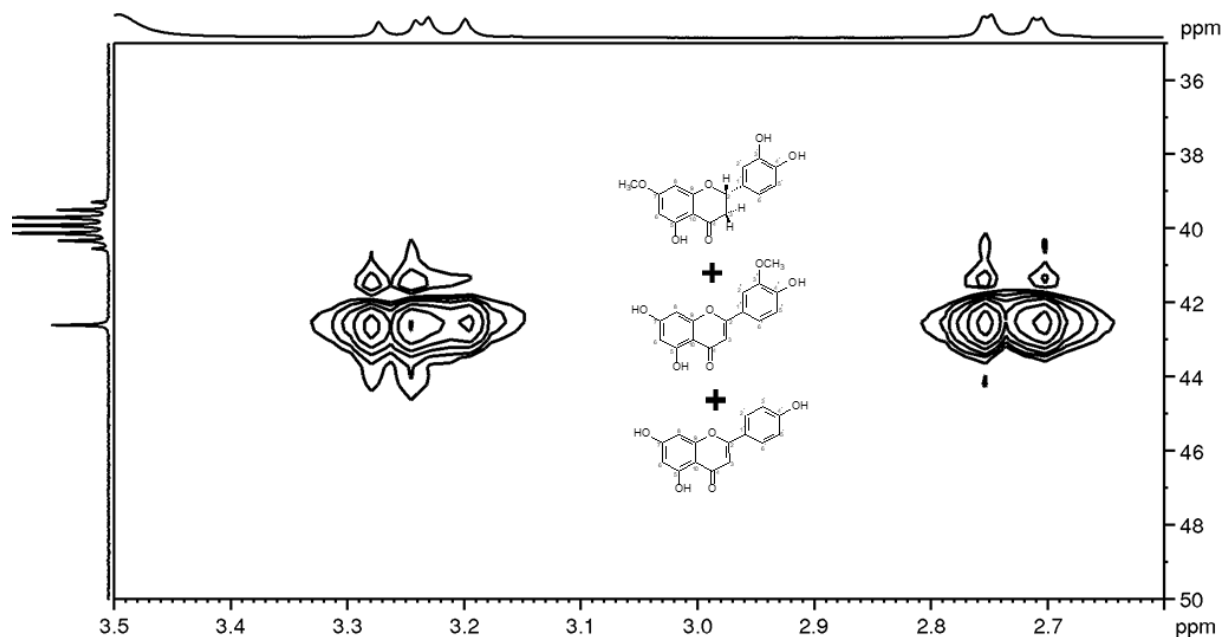


Figure 25S. Expansion of the HSQC correlation map of compounds **1**, **2** and **3** in the region of 2.60-3.50 ppm and 30.00-50.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO-d_6)

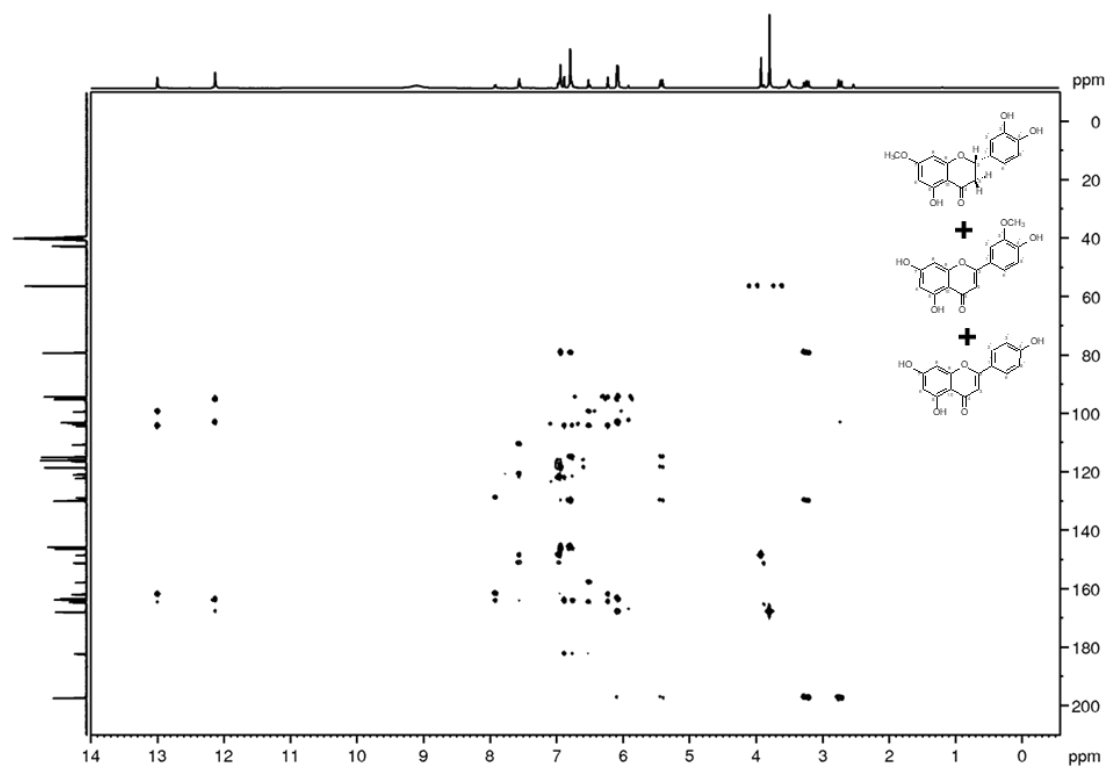


Figure 26S. ^1H - ^{13}C HMBC correlation map of compounds **1**, **2** and **3** (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO-d_6)

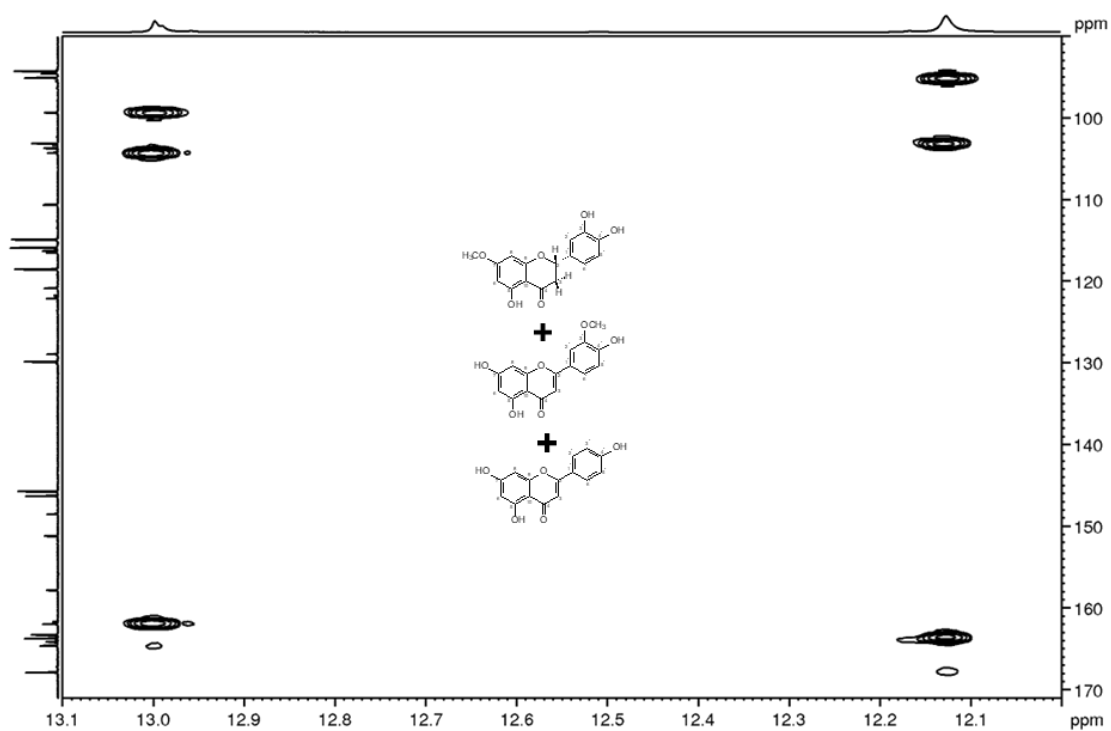


Figure 27S. Expansion of the HMBC correlation map of compounds **1**, **2** and **3** in the region of 12.00-13.10 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO-d_6)

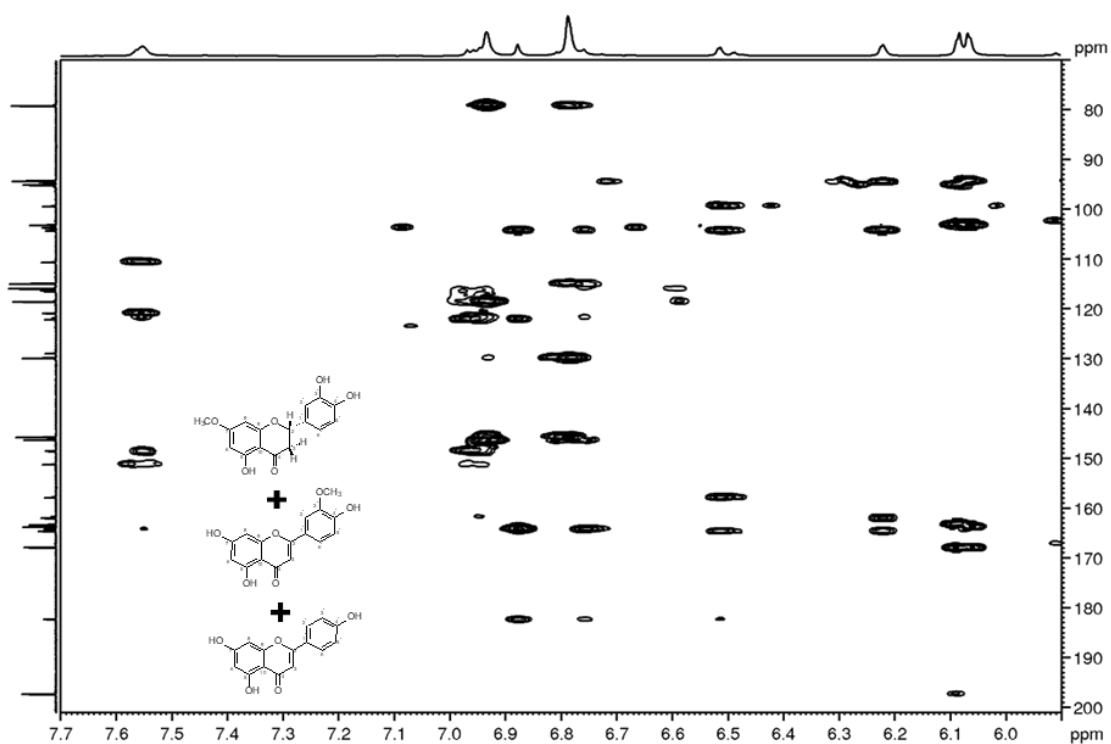


Figure 28S. Expansion of the HMBC correlation map of compounds **1**, **2** and **3** in the region of 5.90-7.70 ppm and 70.00-200.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO-d_6)

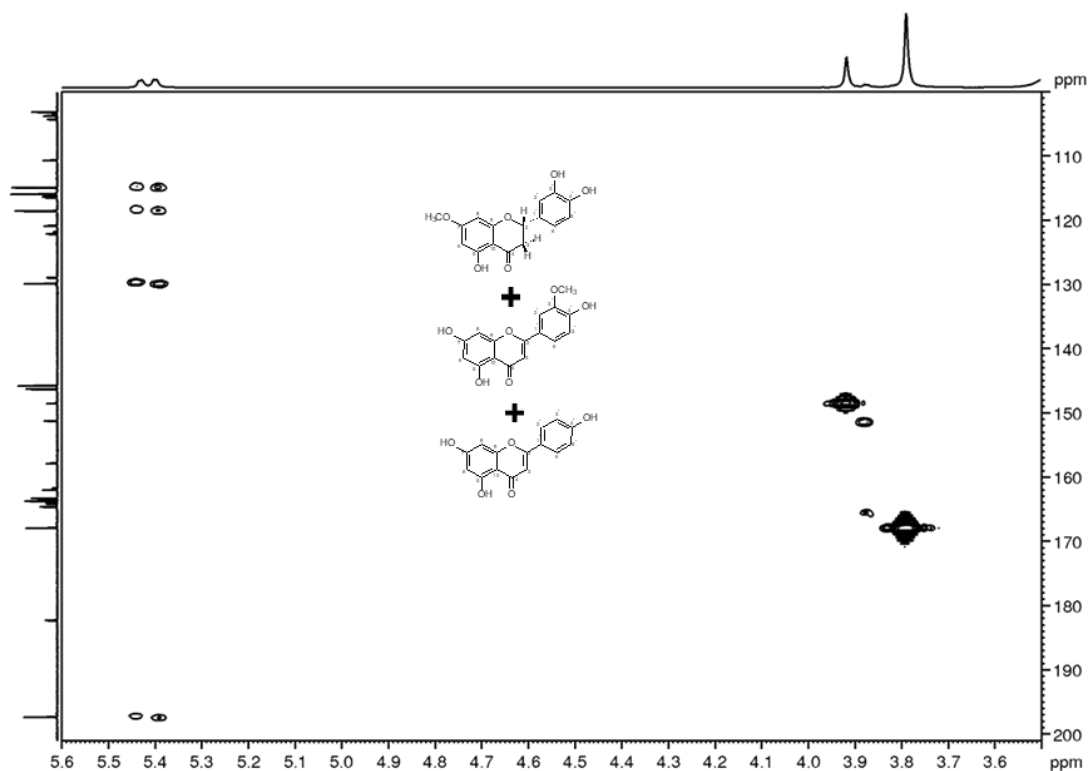


Figure 29S. Expansion of the HMBC correlation map of compounds **1**, **2** and **3** in the region of 3.50-5.60 ppm and 100.00-200.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO-d_6)

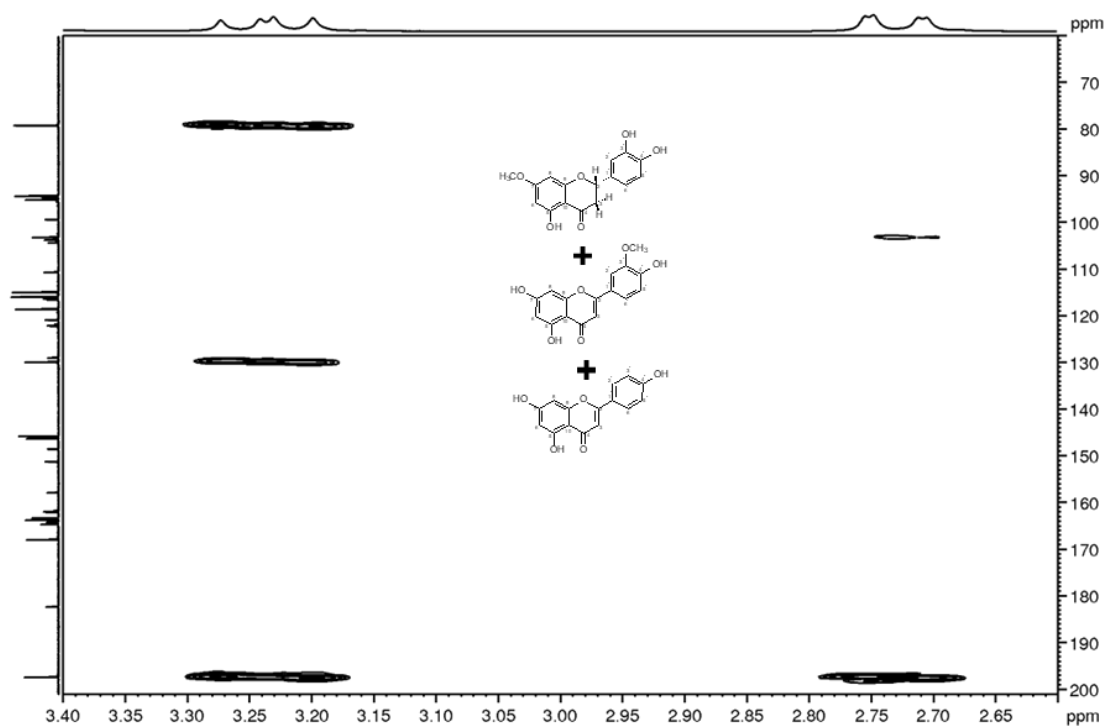


Figure 30S. Expansion of the HMBC correlation map of compounds **1**, **2** and **3** in the region of 2.70-3.20 ppm and 40.00-210.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO-d_6)

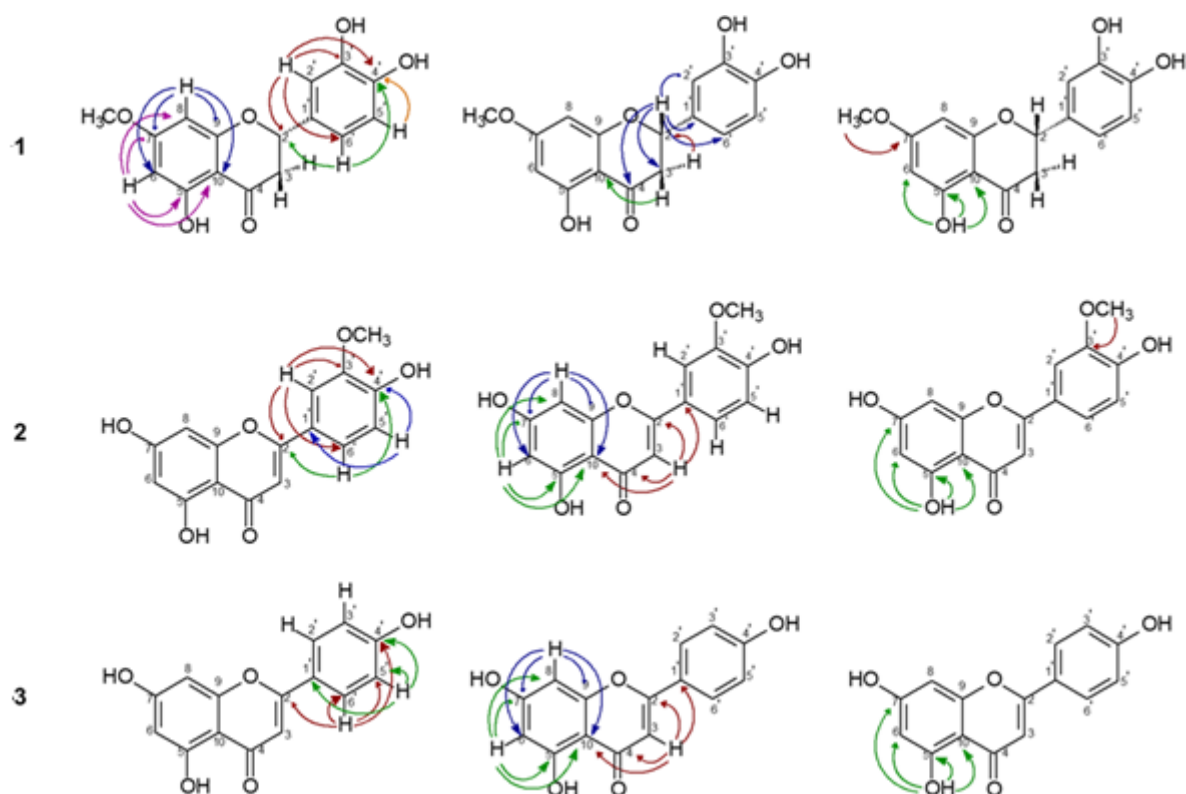


Figure 31S. Main correlations of the HMBC correlation map of compounds **1**, **2** and **3**

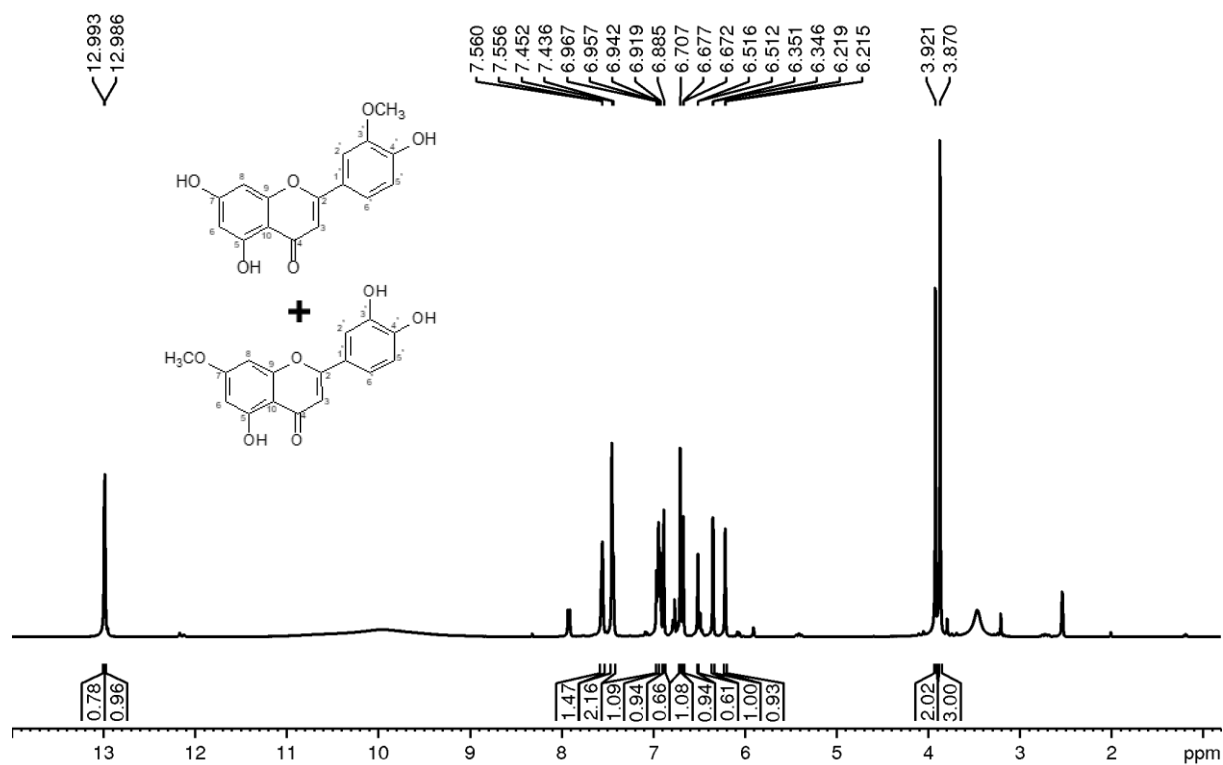


Figure 32S. ^1H NMR spectra of compounds **2** and **4** ($\text{DMSO}-d_6$, 400 MHz)

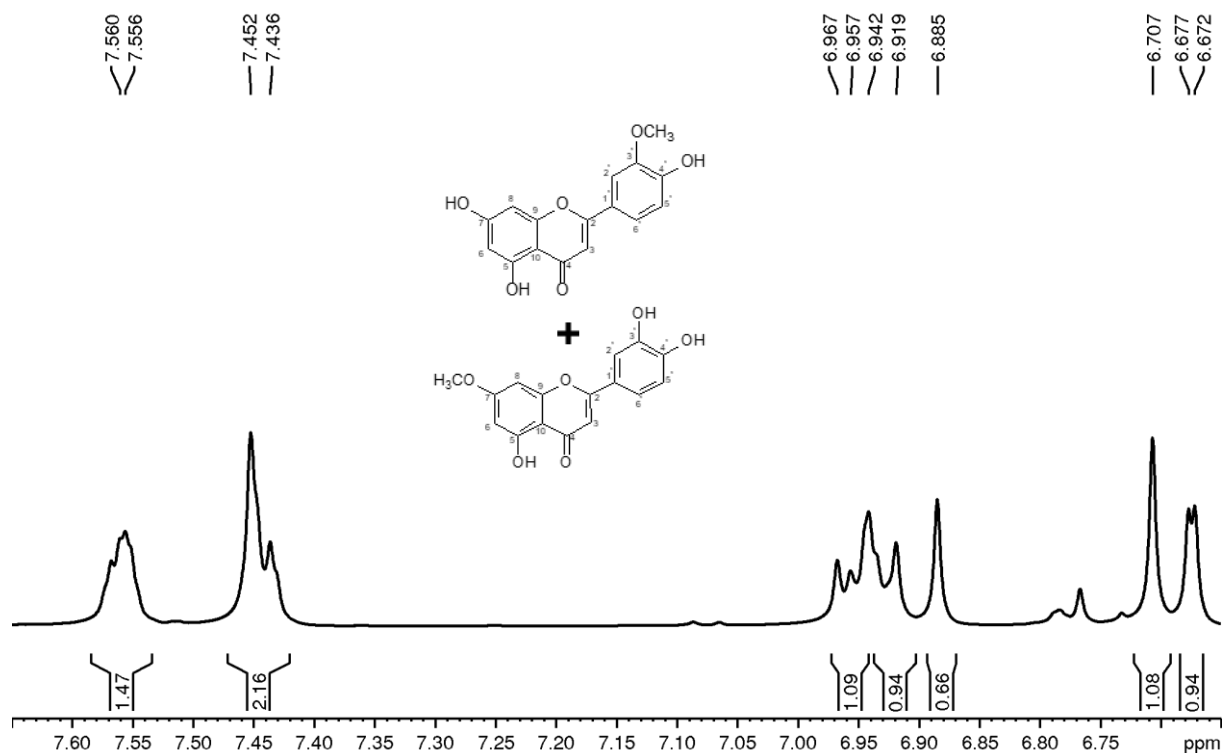


Figure 33S. Expansion of the ^1H NMR spectrum of compounds **2** and **4** in the region of 6.65-7.65 ppm (DMSO- d_6 , 400 MHz)

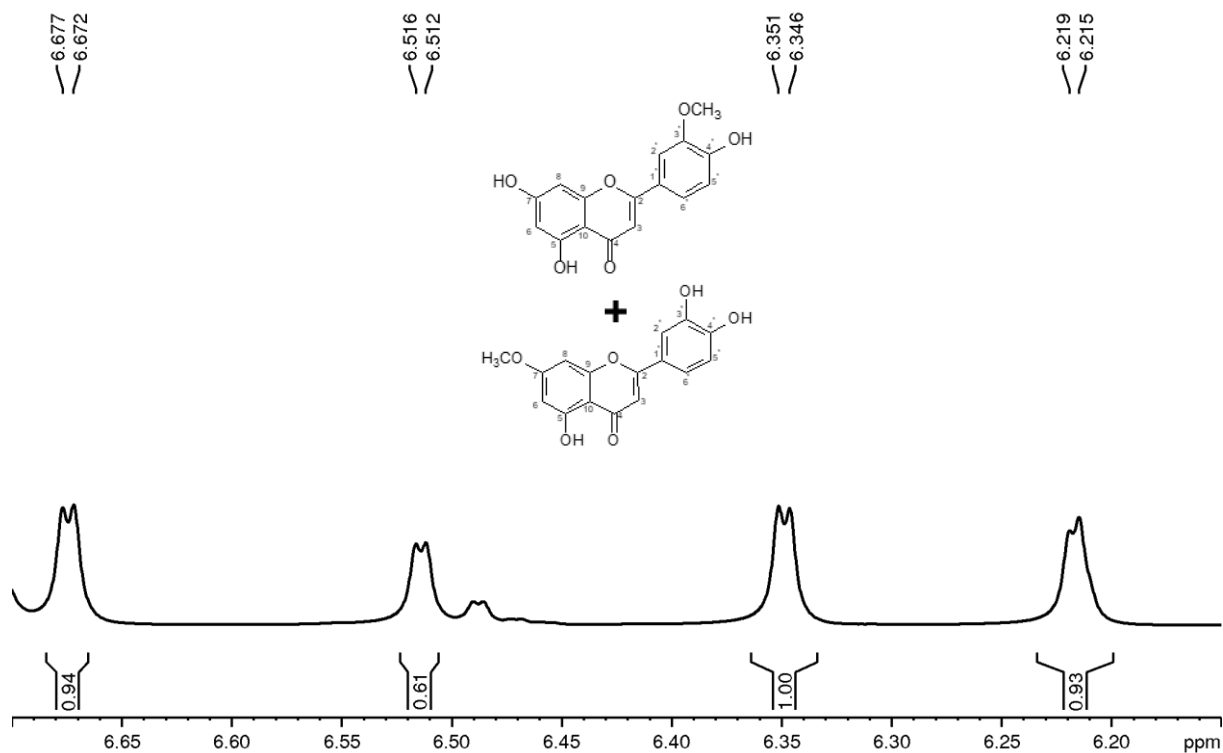


Figure 34S. Expansion of the ^1H NMR spectrum of compounds **2** and **4** in the 6.15-6.70 ppm region (DMSO- d_6 , 400 MHz)

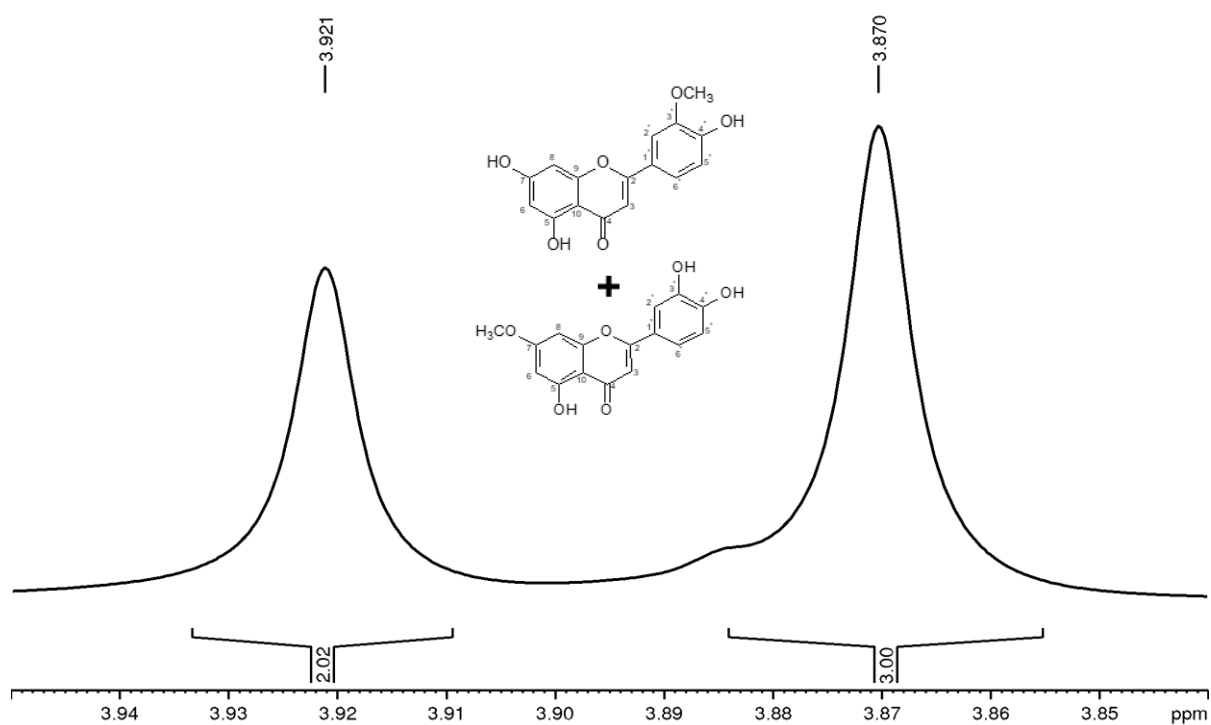


Figure 35S. Expansion of the ^1H NMR spectrum of compounds 2 and 4 in the 3.85-3.95 ppm region (DMSO- d_6 , 400 MHz)

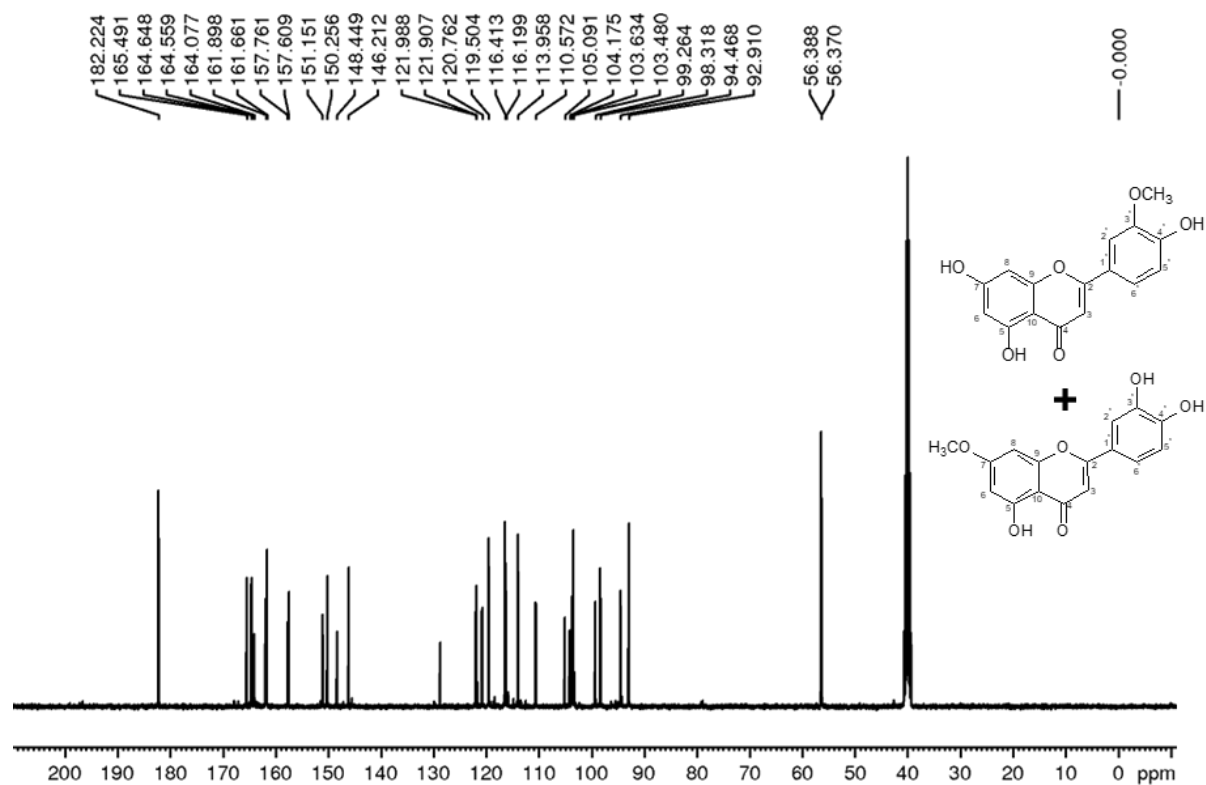


Figure 36S. ^{13}C NMR spectra of compounds 2 and 4 (DMSO- d_6 , 100 MHz)

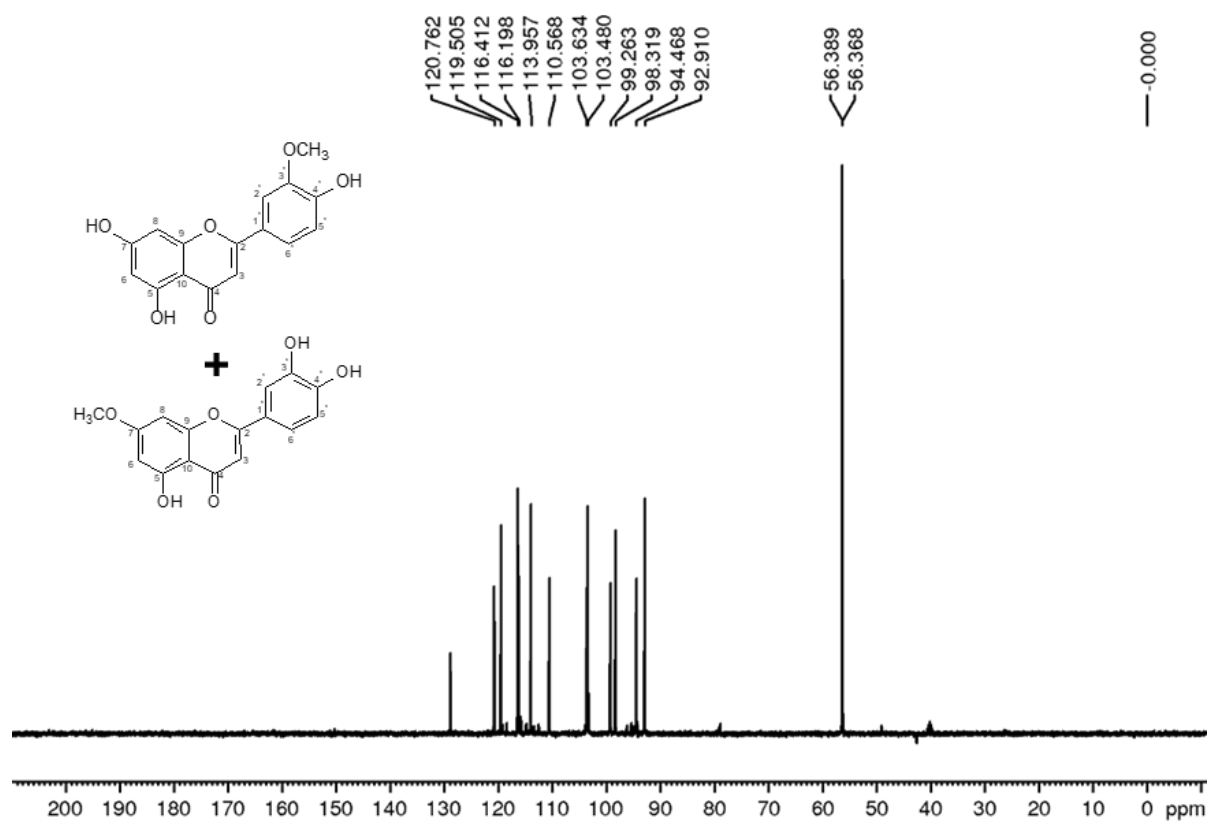


Figure 37S. DEPT135 NMR spectra of compounds 2 and 4 (DMSO- d_6 , 100 MHz)

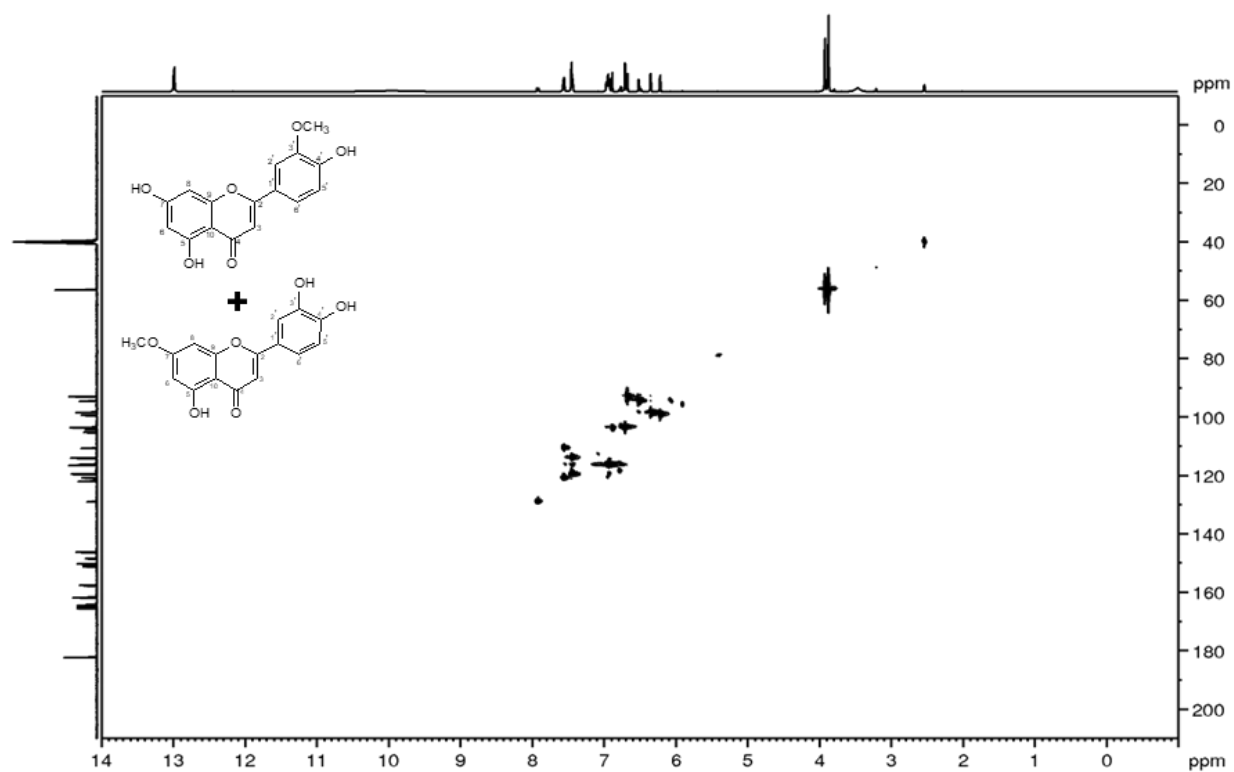


Figure 38S. ^1H - ^{13}C HSQC correlation map of compounds 2 and 4 (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO- d_6)

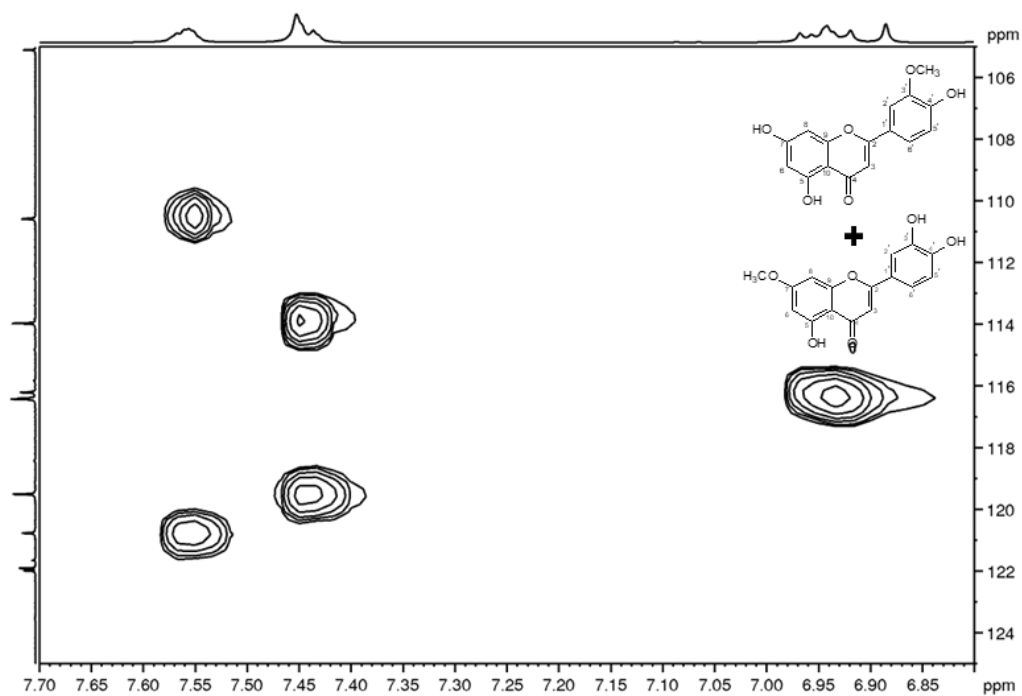


Figure 39S. Expansion of the ^1H - ^{13}C HSQC correlation map of compounds **2** and **4** in the region of 6.80-7.70 ppm and 105.00-125.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO- d_6)

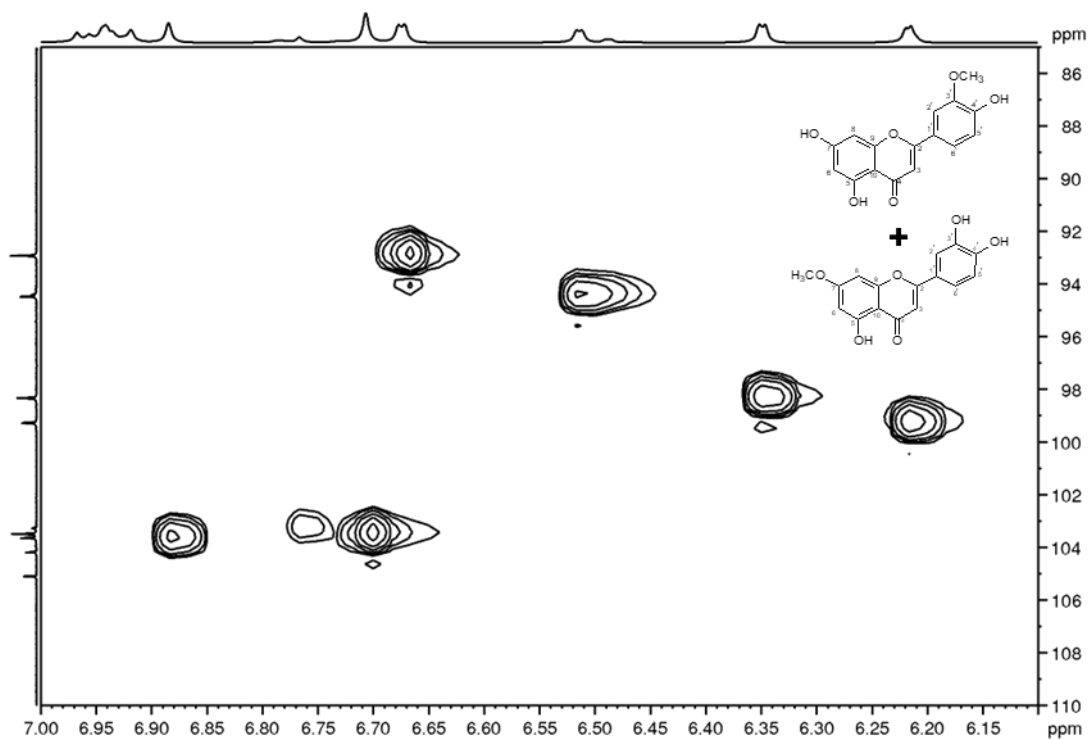


Figure 40S. Expansion of the ^1H - ^{13}C HSQC correlation map of compounds **2** and **4** in the region of 6.10-7.00 ppm and 85.00-110.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO- d_6)

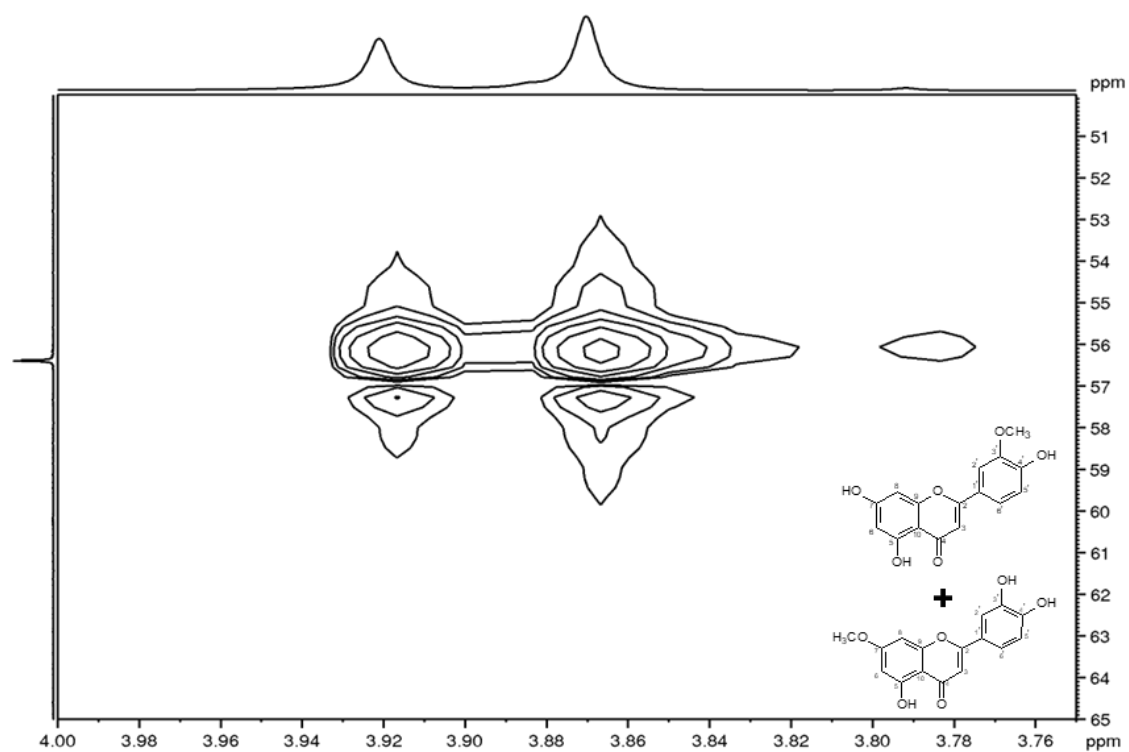


Figure 41S. Expansion of the ^1H - ^{13}C HSQC correlation map of compounds **2** and **4** in the region of 3.75-4.00 ppm and 50.00-65.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO- d_6)

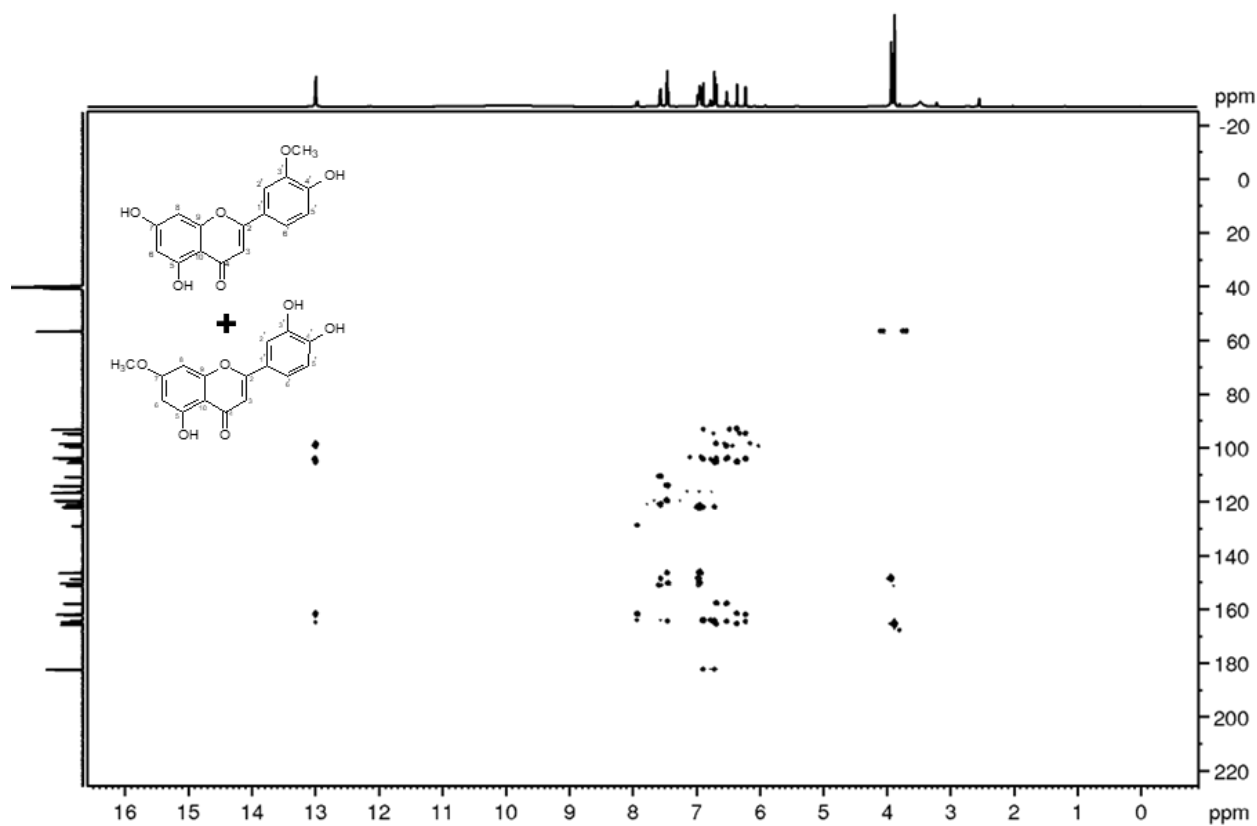


Figure 42S. ^1H - ^{13}C HMBC correlation map of compounds **2** and **4** (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO- d_6)

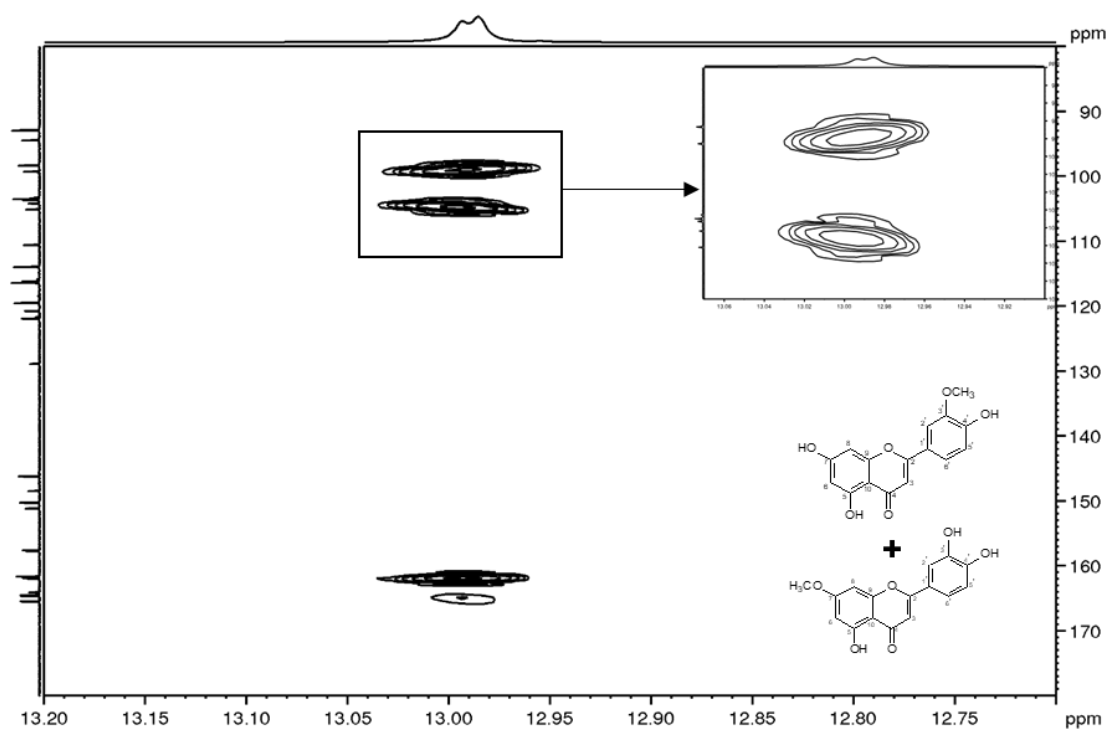


Figure 43S. Expansion of the ^1H - ^{13}C HMBC correlation map of compounds **2** and **4** in the region of 12.70-13.20 ppm and 80.00-180.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO- d_6)

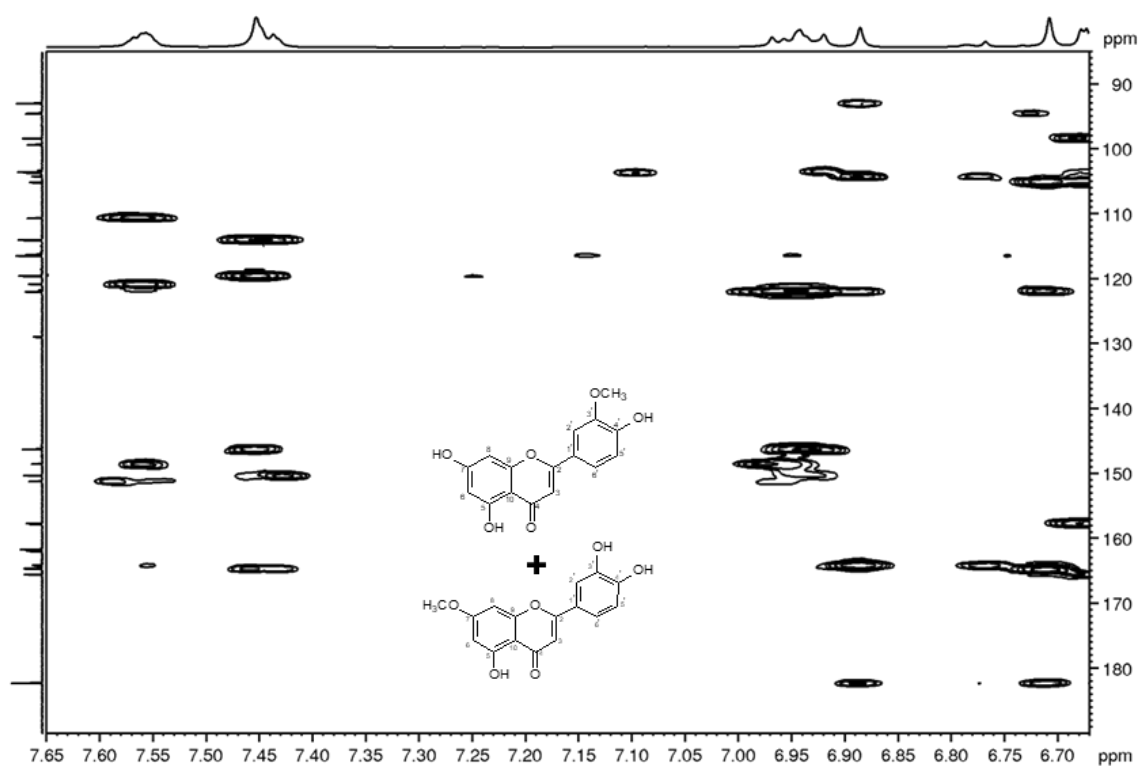


Figure 44S. Expansion of the ^1H - ^{13}C HMBC correlation map of compounds **2** and **4** in the region of 6.70-7.65 ppm and 85.00-190.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO- d_6)

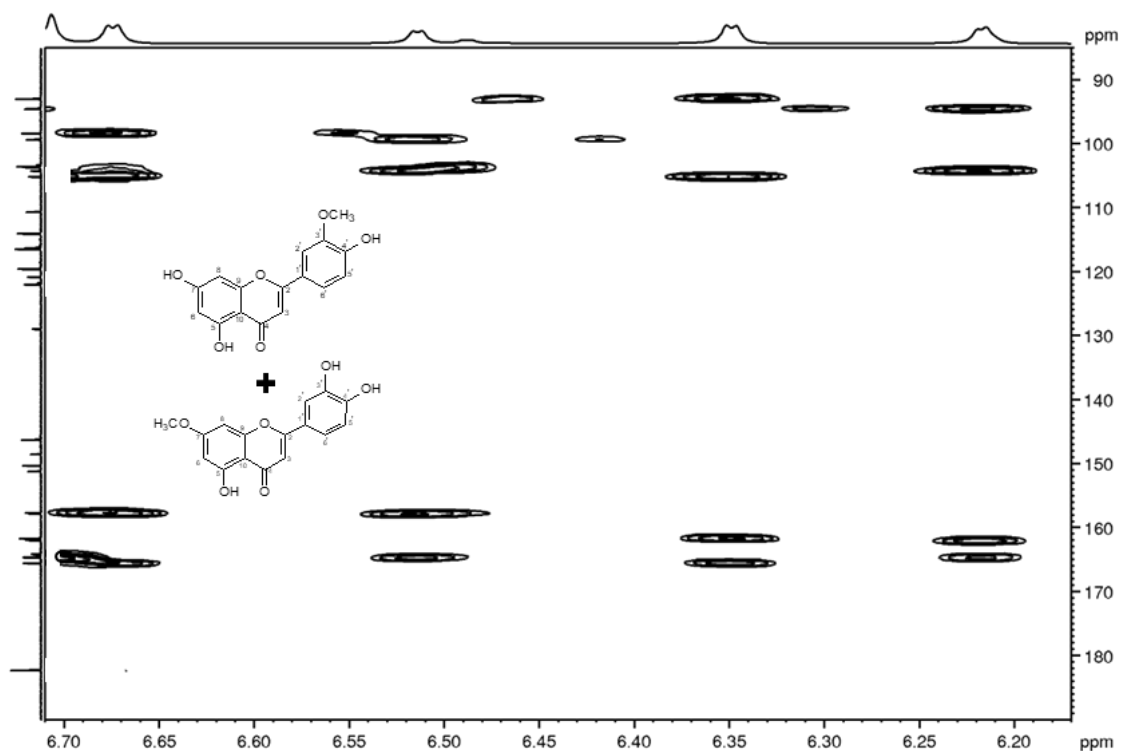


Figure 45S. Expansion of the ^1H - ^{13}C HMBC correlation map of compounds **2** and **4** in the region of 6.15-6.70 ppm and 90.00-190.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO-d_6)

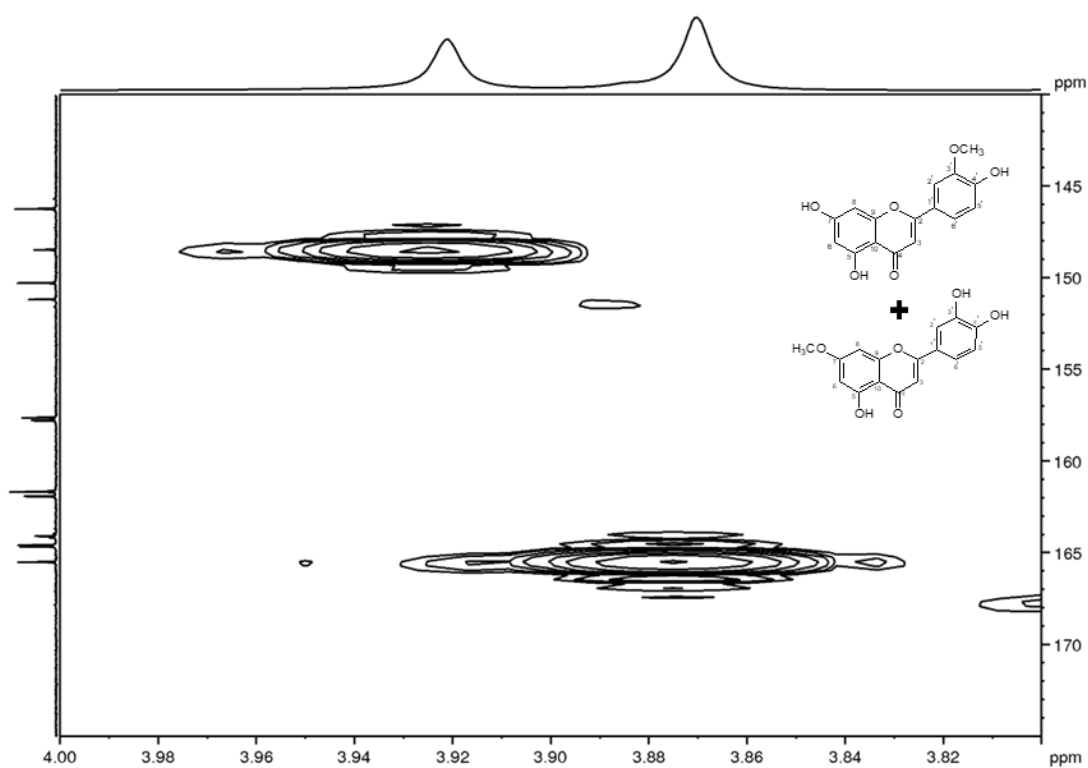


Figure 46S. Expansion of the ^1H - ^{13}C HMBC correlation map of compounds **2** and **4** in the region of 3.80-4.00 ppm and 140.00-175.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, DMSO-d_6)



Figure 47S. Main correlations of the HMBC correlation map of compounds 2 and 4

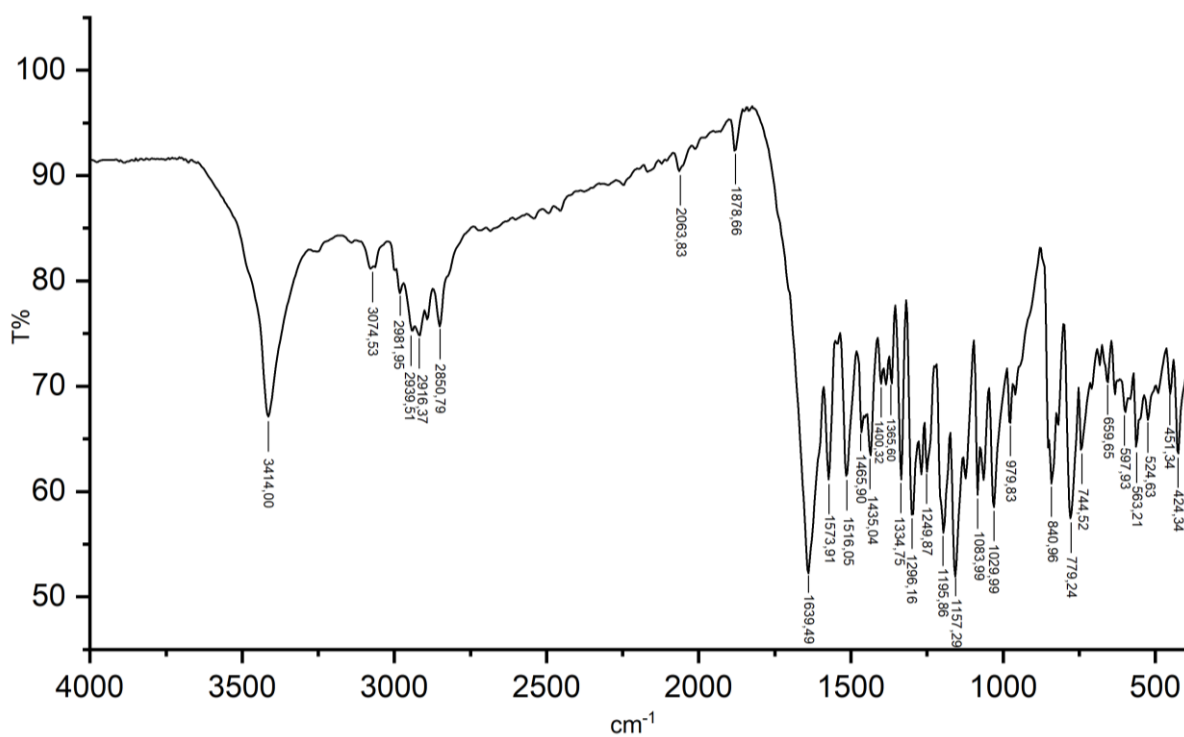


Figure 48S. Infrared spectrum of compound 5 (KBr pellet)

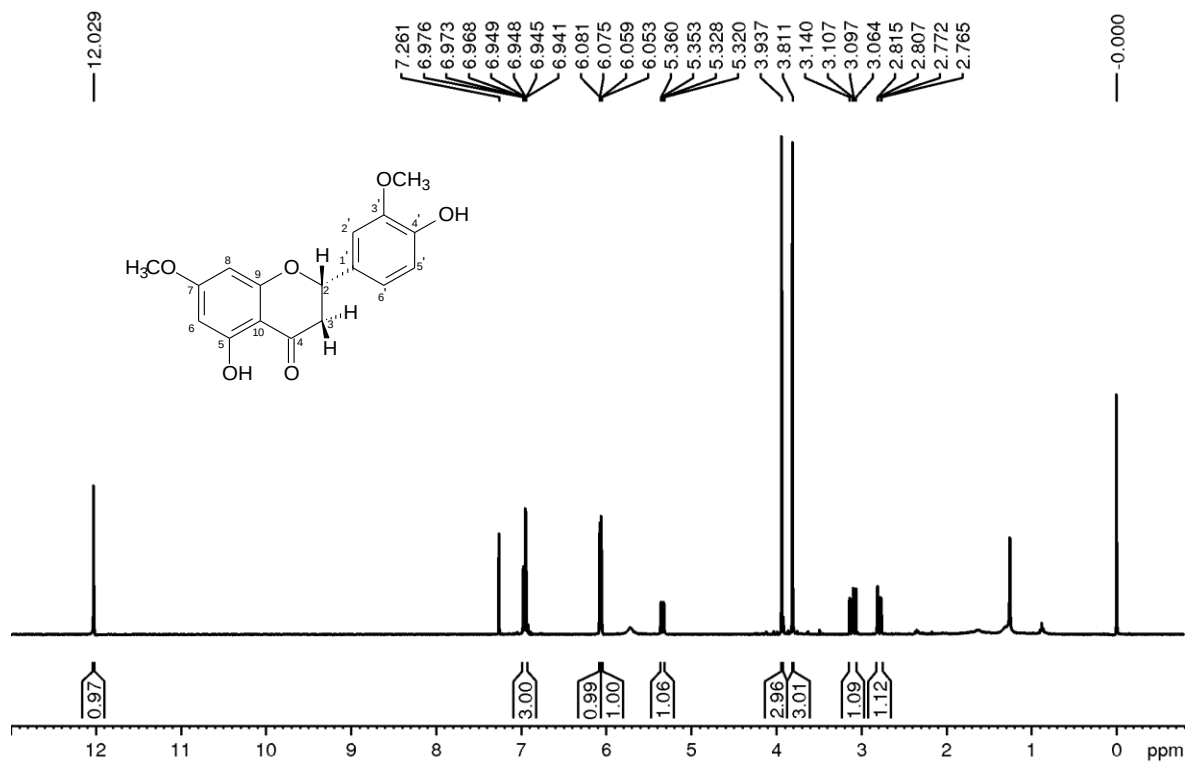


Figure 49S. ¹H NMR spectrum of compound 5 (CDCl₃, 400 MHz)

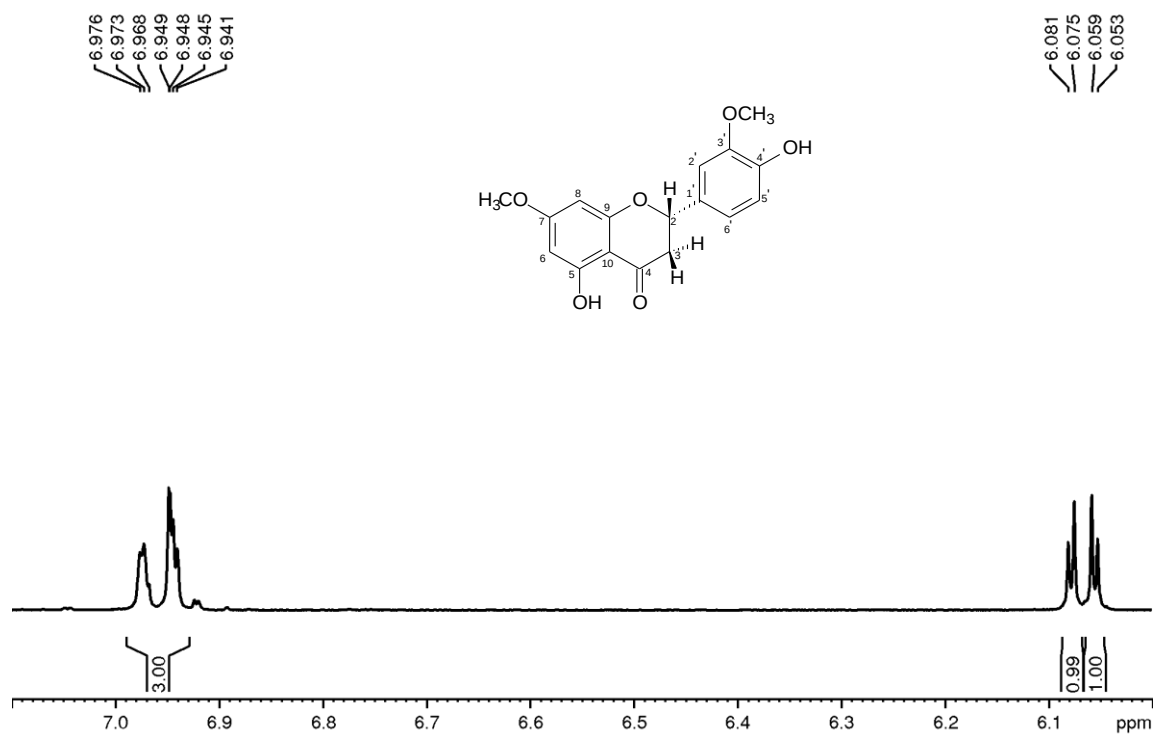


Figure 50S. Expansion of the ¹H NMR spectrum of compound 5 in the 6.00-7.10 ppm region (CDCl₃, 400 MHz)

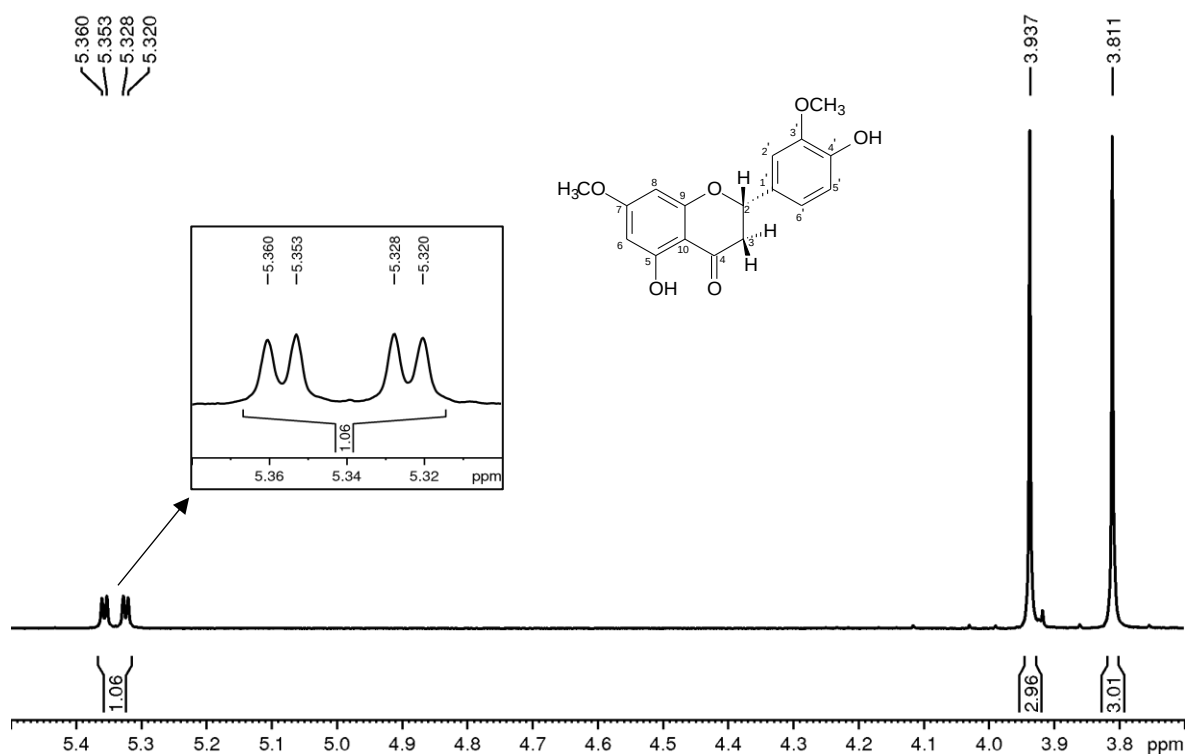


Figure 51S. Expansion of the ¹H NMR spectrum of compound 5 in the 3.70-5.50 ppm region (CDCl₃, 400 MHz)

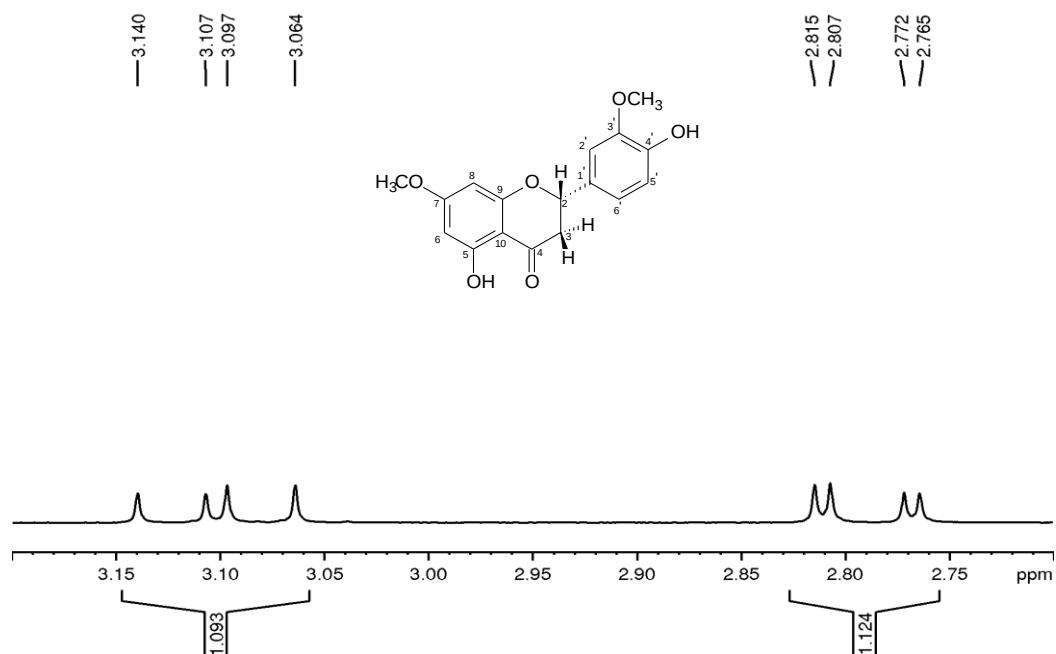


Figure 52S. Expansion of the ¹H NMR spectrum of compound 5 in the 2.70-3.20 ppm region (CDCl₃, 400 MHz)

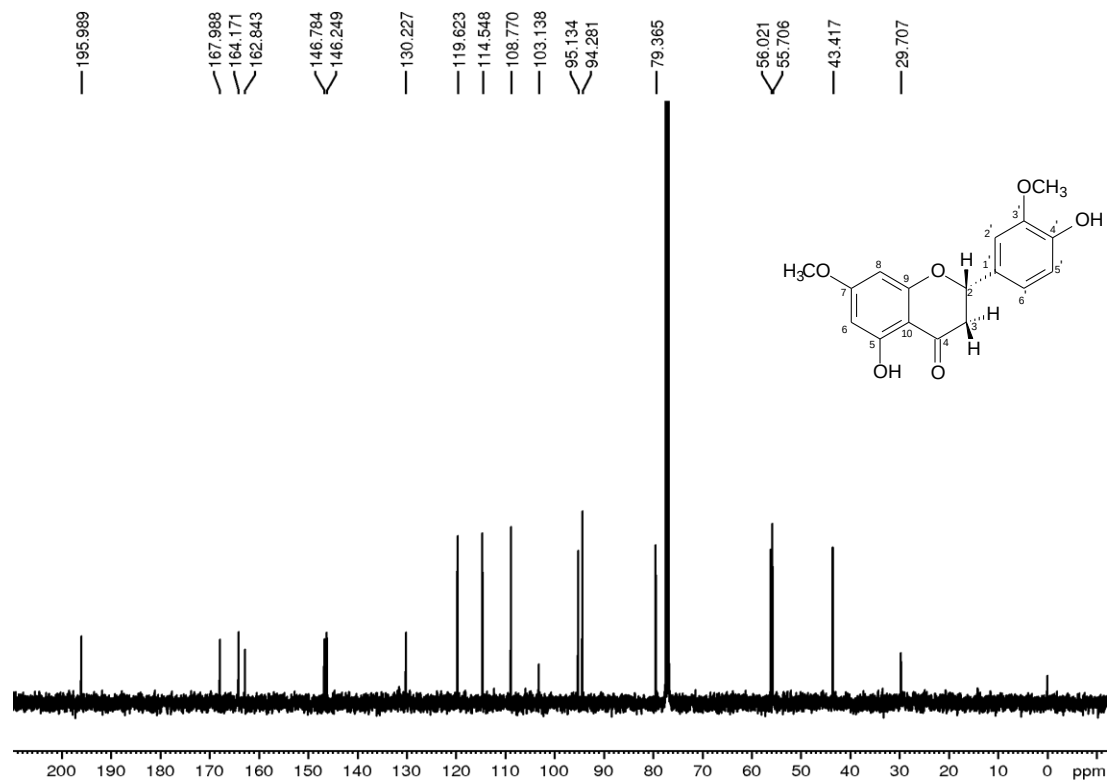


Figure 53S. ¹³C NMR spectrum of compound 5 (CDCl₃, 100 MHz)

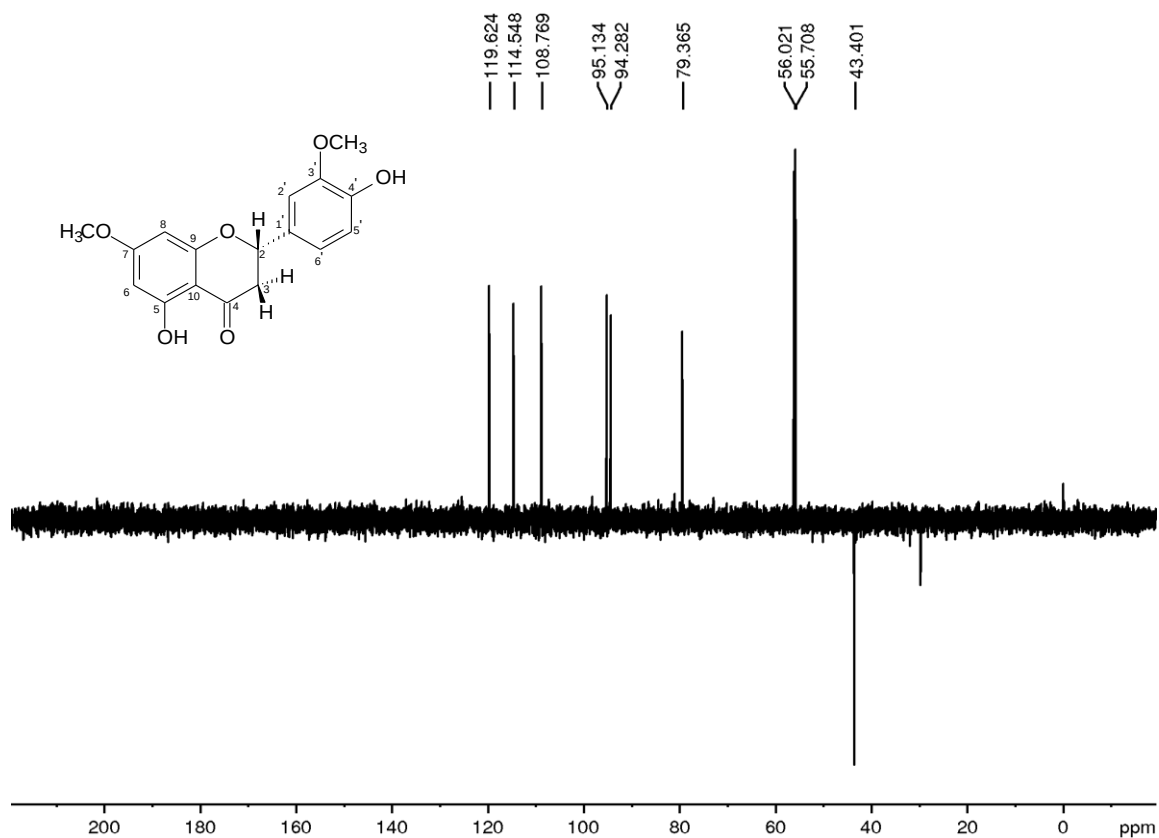


Figure 54S. DEPT135 NMR spectrum of compound 5 (CDCl₃, 100 MHz)

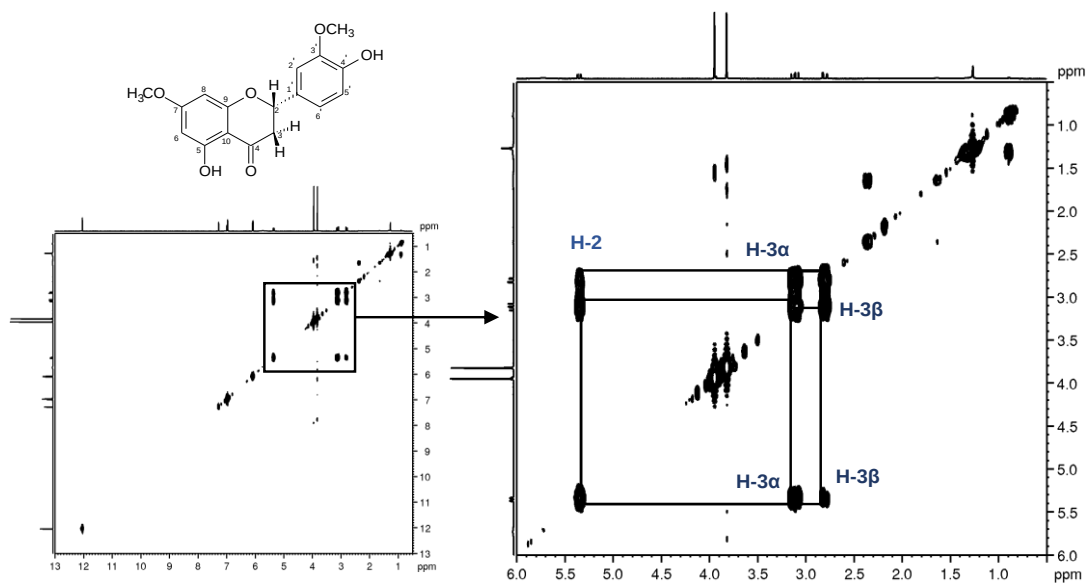


Figure 55S. COSY correlation map and expansion of compound **5** correlation map in the region of 0.50-6.00 ppm and 0.50-6.00 ppm (^1H : 400 MHz, ^1H : 400 MHz, CDCl_3)

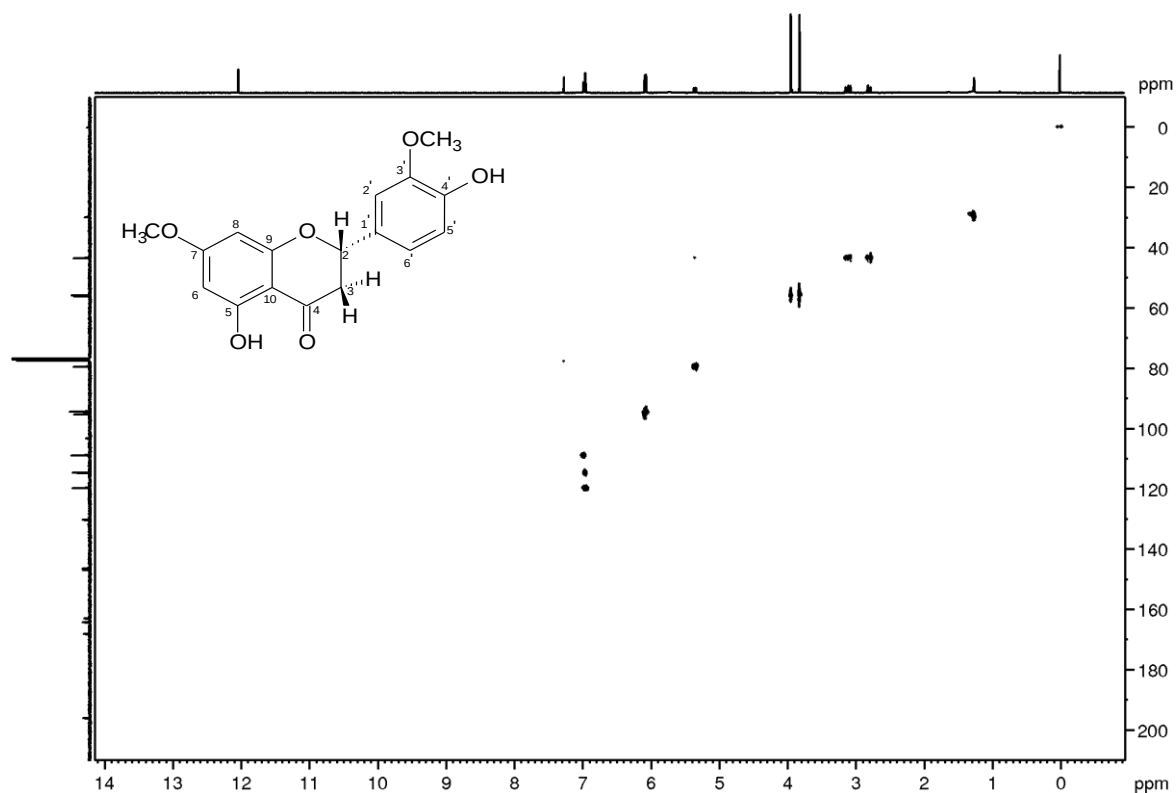


Figure 56S. ^1H - ^{13}C HSQC correlation map of compound **5** (^1H : 400 MHz, ^{13}C : 100 MHz, CDCl_3)

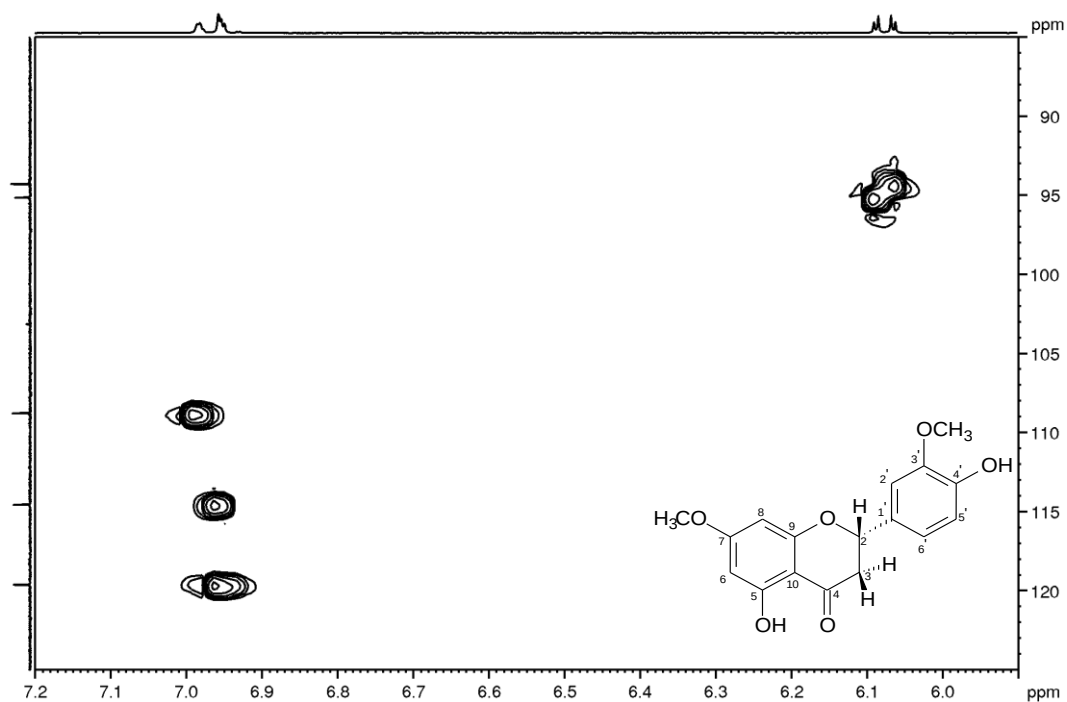


Figure 57S. Expansion of the ^1H - ^{13}C HSQC correlation map of compound 5 in the region of 5.90-7.20 ppm and 85.00-125.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, CDCl_3)

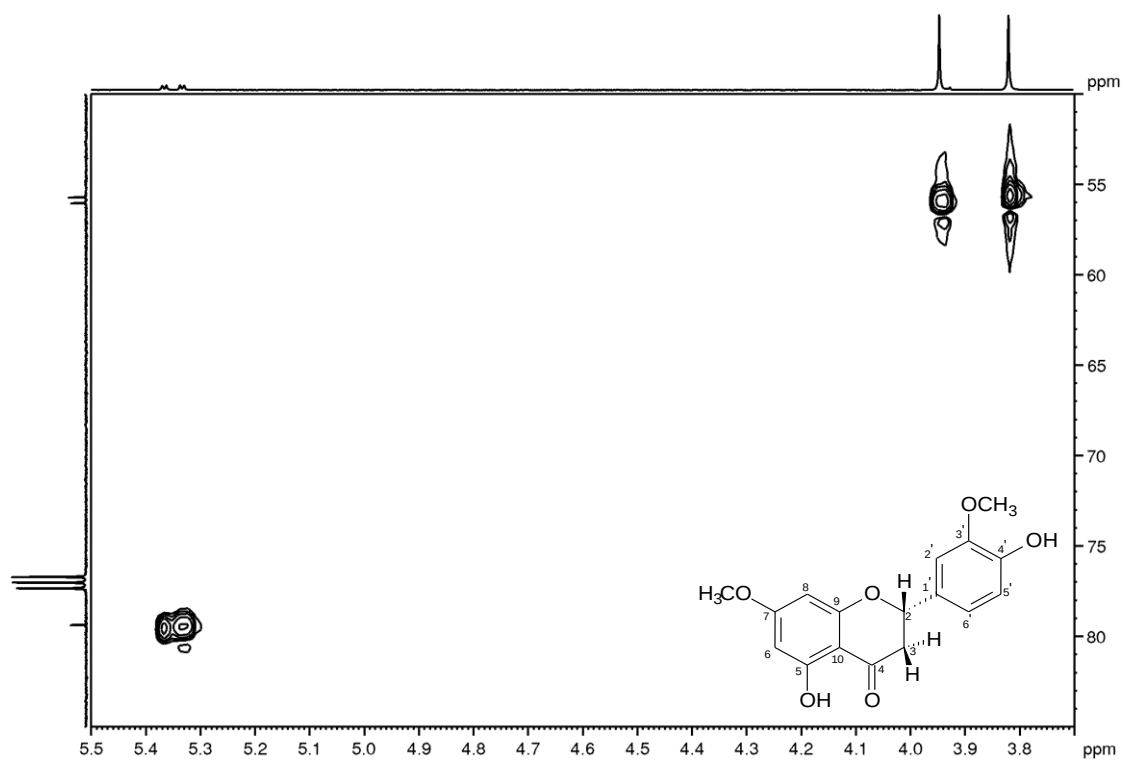


Figure 58S. Expansion of the ^1H - ^{13}C HSQC correlation map of compound 5 in the region of 3.70-5.50 ppm and 50.00-85.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, CDCl_3)

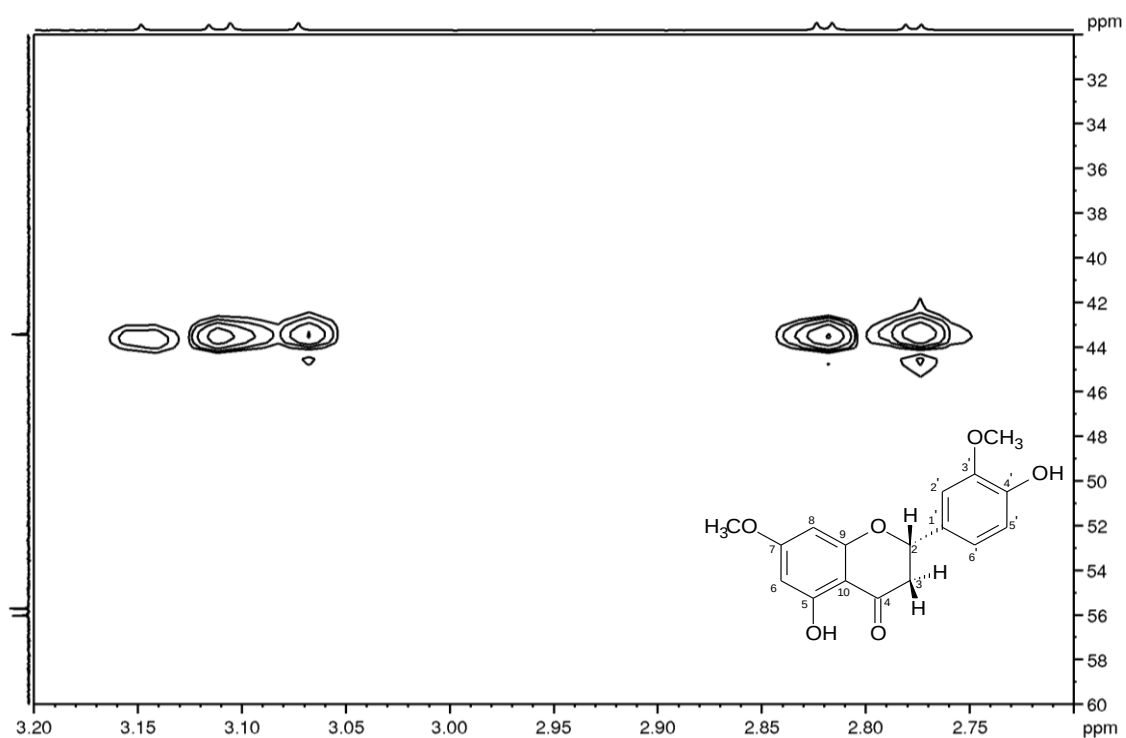


Figure 59S. Expansion of the ^1H - ^{13}C HSQC correlation map of compound 5 in the region of 2.70-3.20 ppm and 30.00-60.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, CDCl_3)

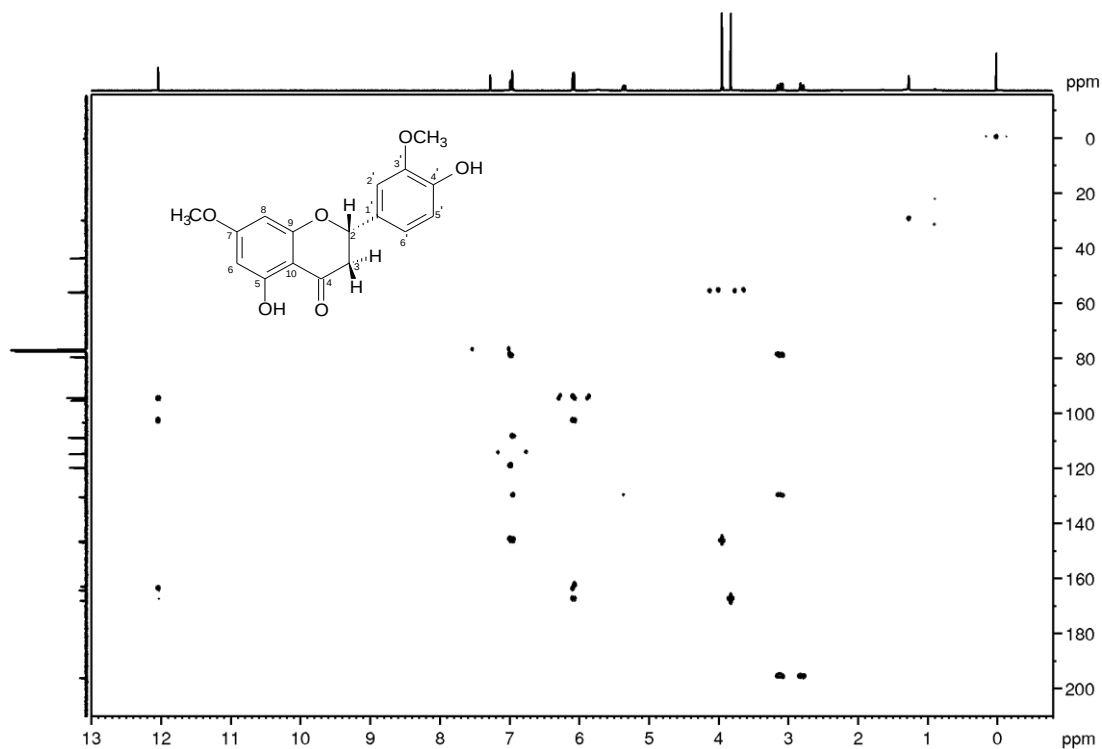


Figure 60S. ^1H - ^{13}C HMBC correlation map of compound 5 (^1H : 400 MHz, ^{13}C : 100 MHz, CDCl_3)

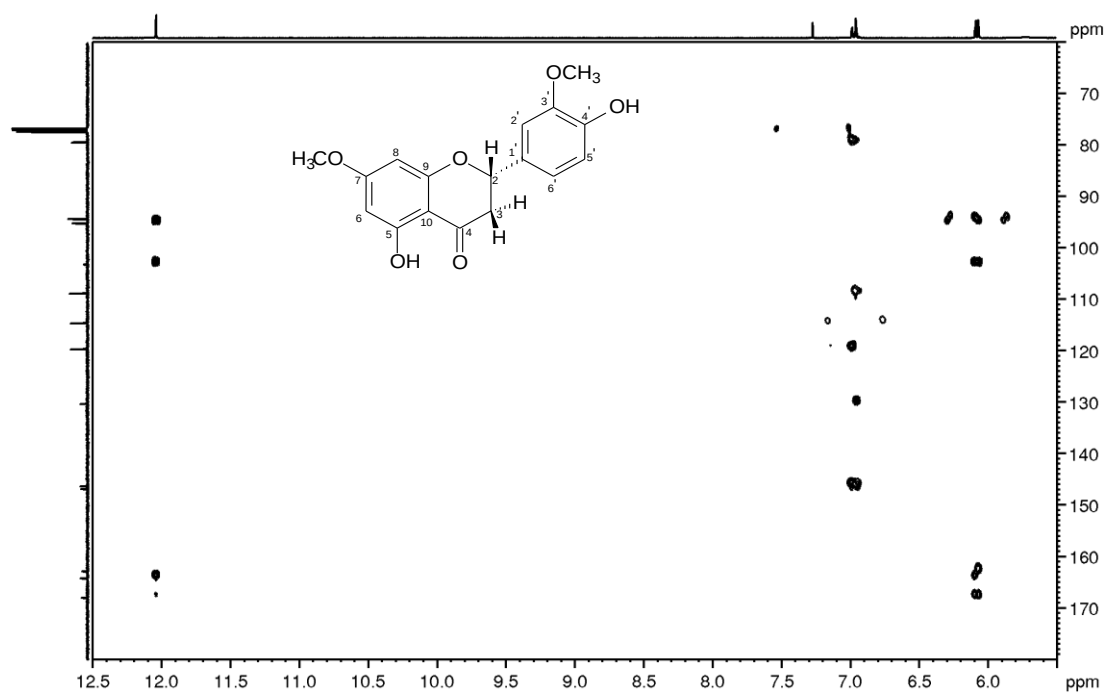


Figure 61S. Expansion of the ^1H - ^{13}C HMBC correlation map of compound 5 in the region of 2.70-3.20 ppm and 30.00-60.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, CDCl_3)

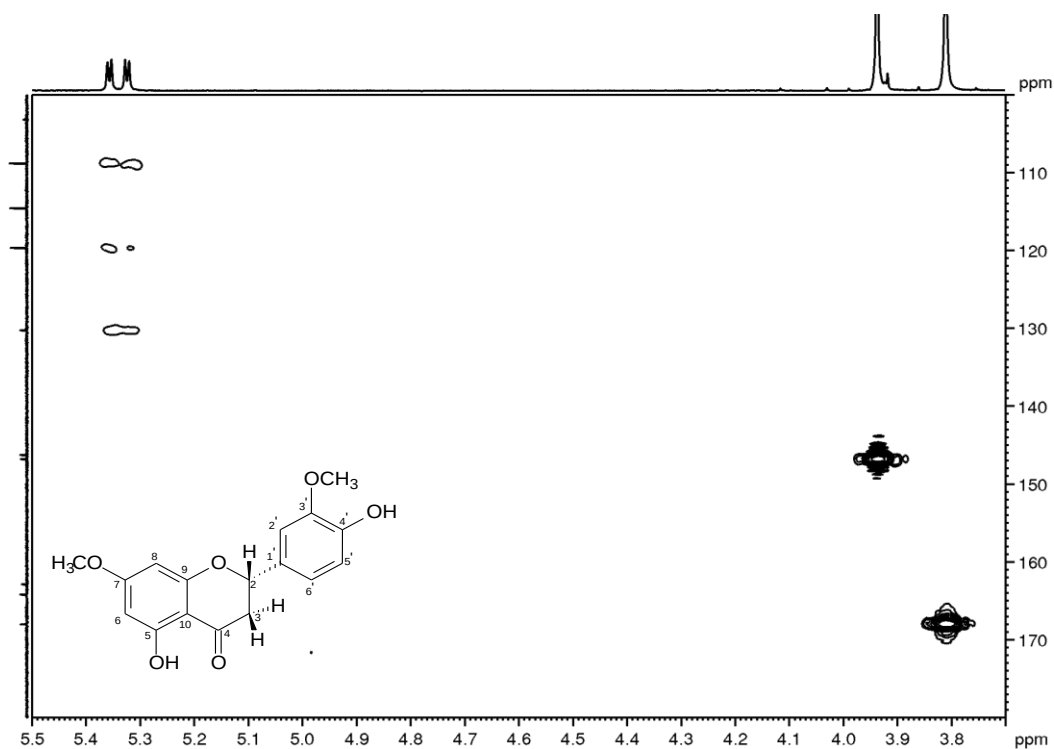


Figure 62S. Expansion of the ^1H - ^{13}C HMBC correlation map of compound 5 in the region of 3.70-5.50 ppm and 100.00-180.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, CDCl_3)

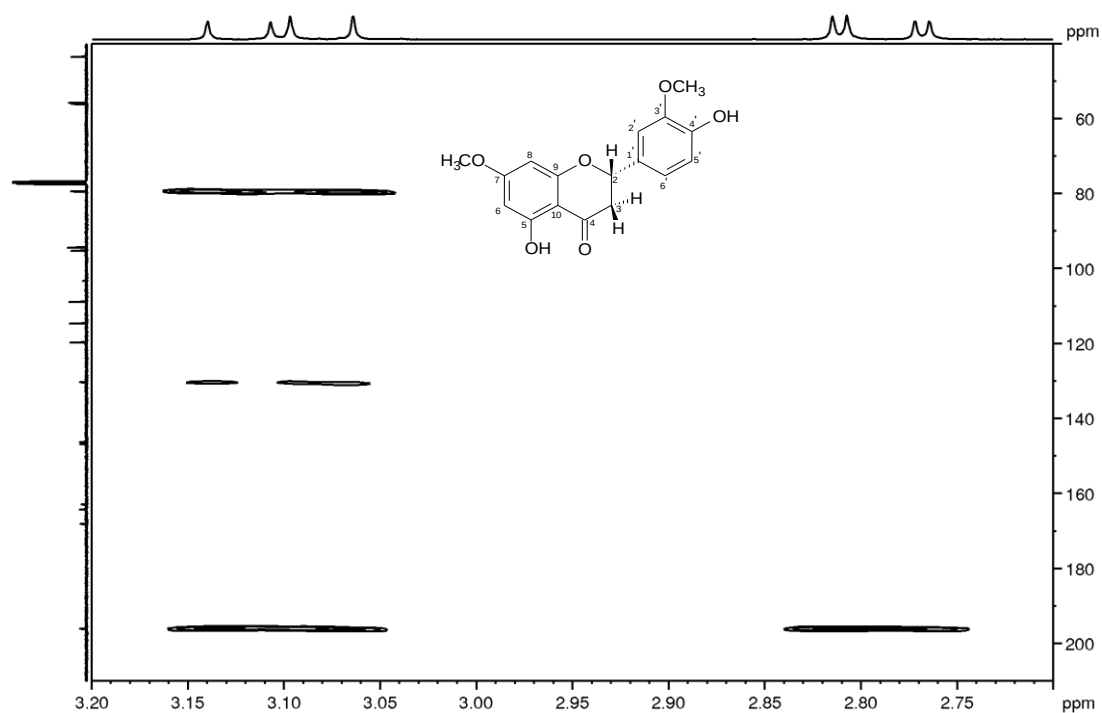


Figure 63S. Expansion of the ^1H - ^{13}C HMBC correlation map of compound **5** in the region of 2.70-3.20 ppm and 40.00-210.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, CDCl_3)

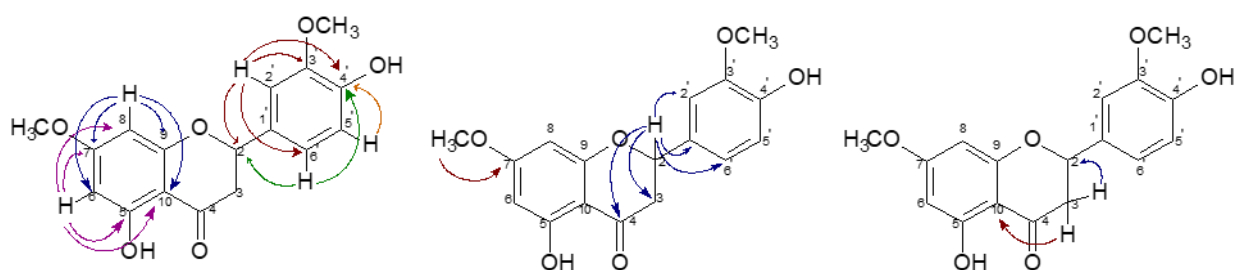


Figure 64S. Main correlations of compound **5** in the ^1H - ^{13}C HMBC correlation map

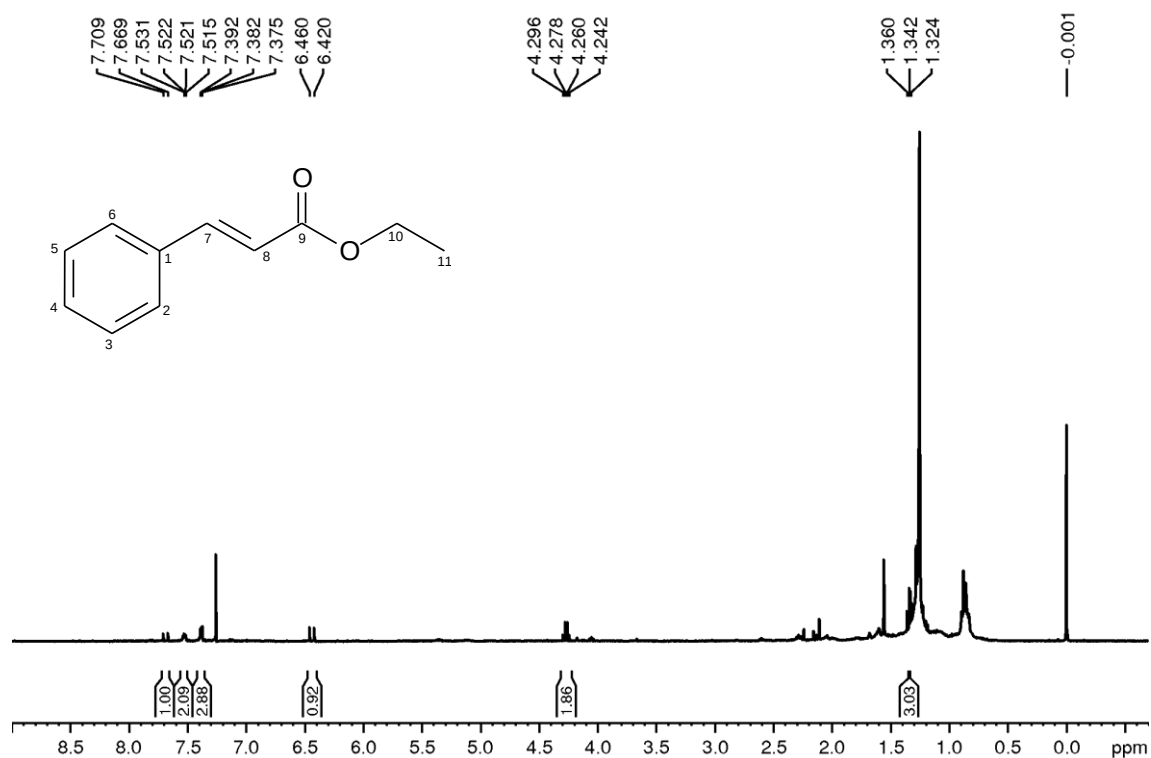


Figure 65S. ¹H NMR spectrum of compound **6** (CDCl₃, 400 MHz)

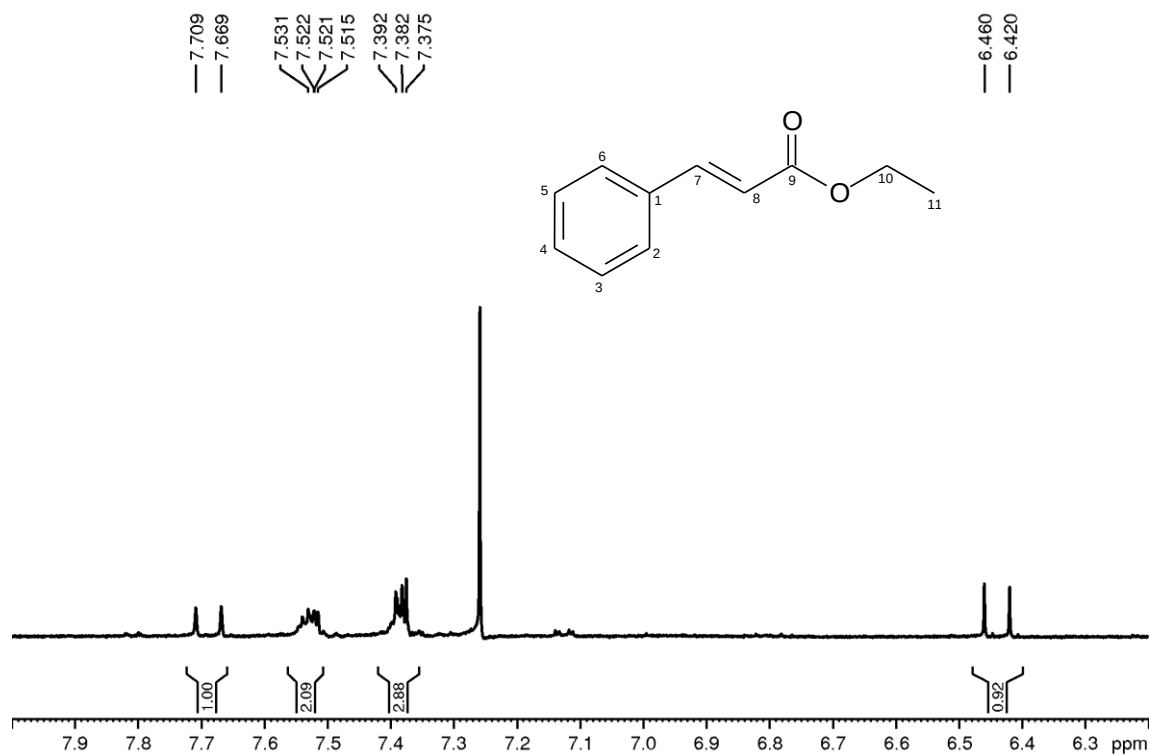


Figure 66S. Expansion of the ¹H NMR spectrum of compound **6** in the 6.20-8.00 ppm region (CDCl₃, 400 MHz)

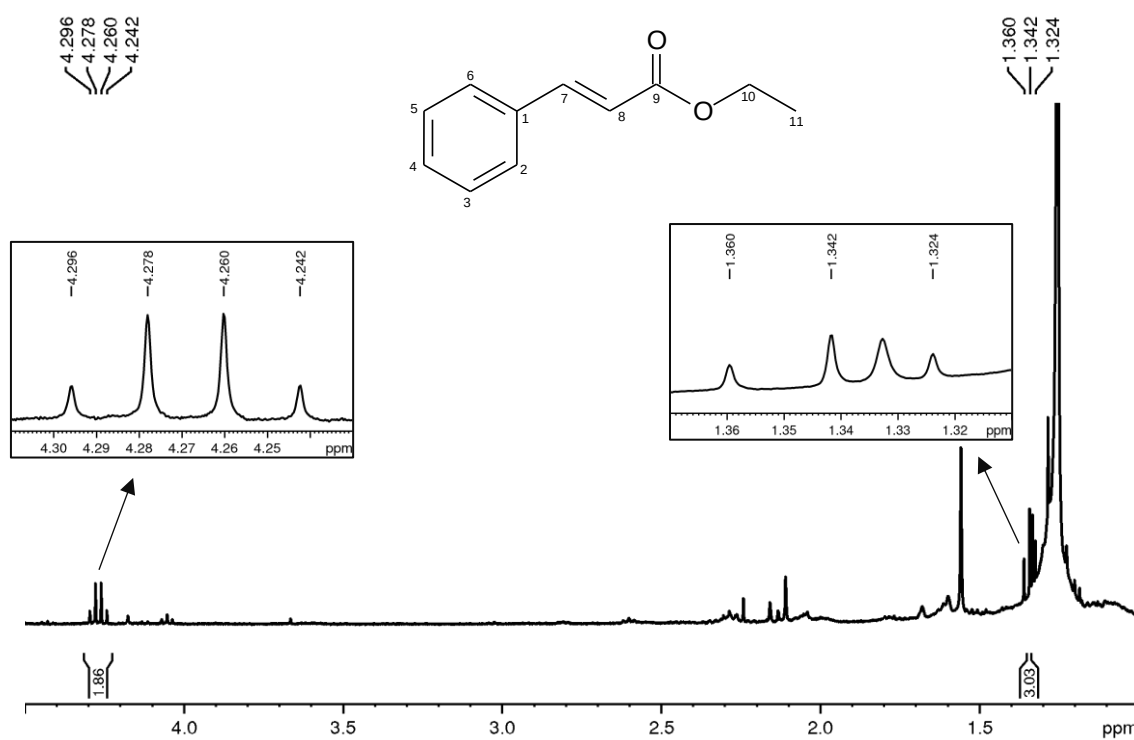


Figure 67S. Expansion of the ¹H NMR spectrum of compound 6 in the 1.00-4.50 ppm region (CDCl₃, 400 MHz)

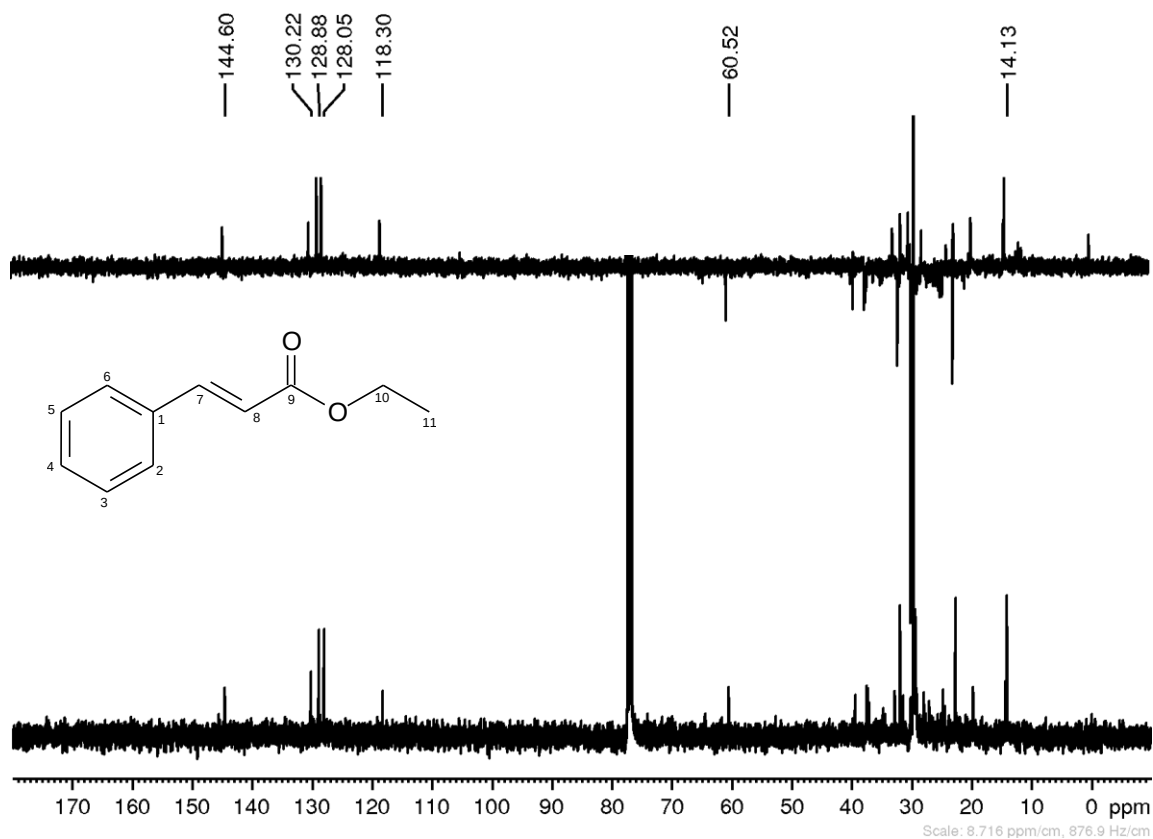


Figure 68S. ¹³C NMR and DEPT135 spectra of compound 6 (CDCl₃, 100 MHz)

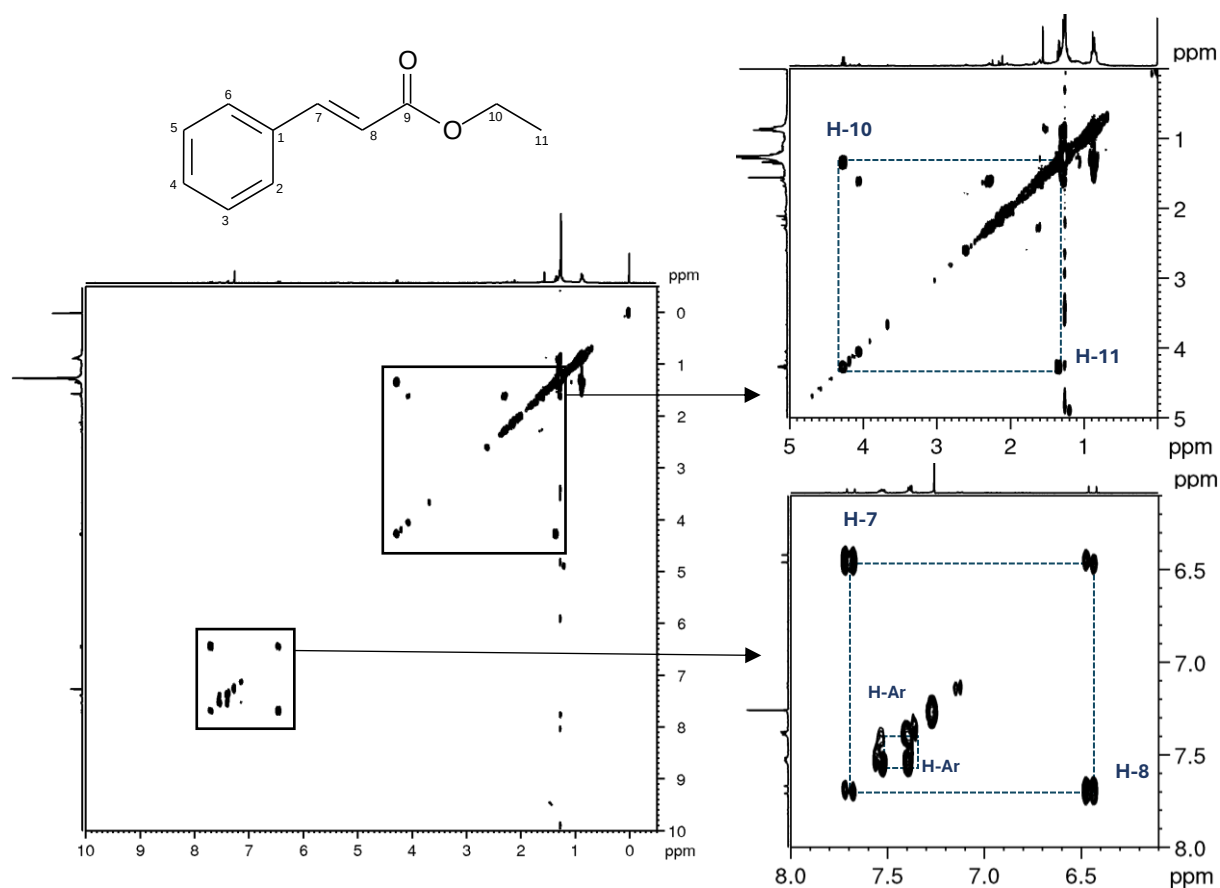


Figure 69S. ^1H - ^1H COSY correlation map of compound 6 (^1H : 400 MHz, ^1H : 400 MHz, CDCl_3)

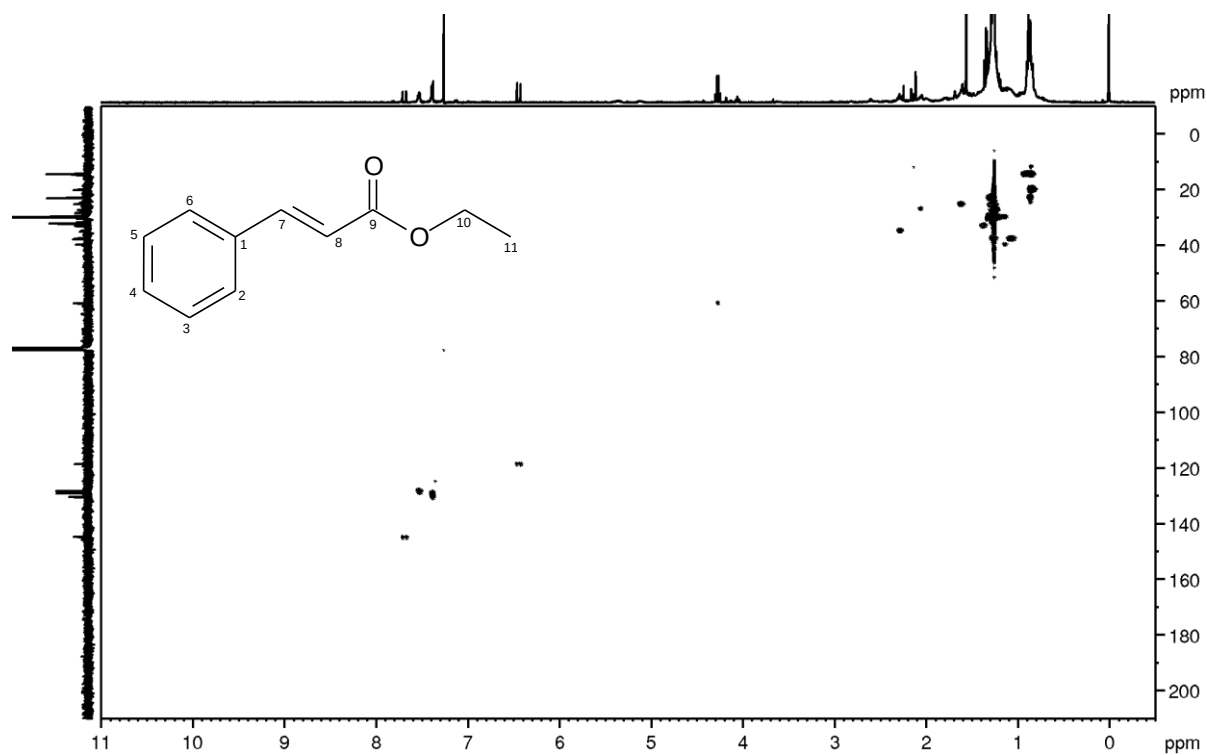


Figure 70S. ^1H - ^{13}C HSQC correlation map of compound 6 (^1H : 400 MHz, ^{13}C : 100 MHz, CDCl_3)

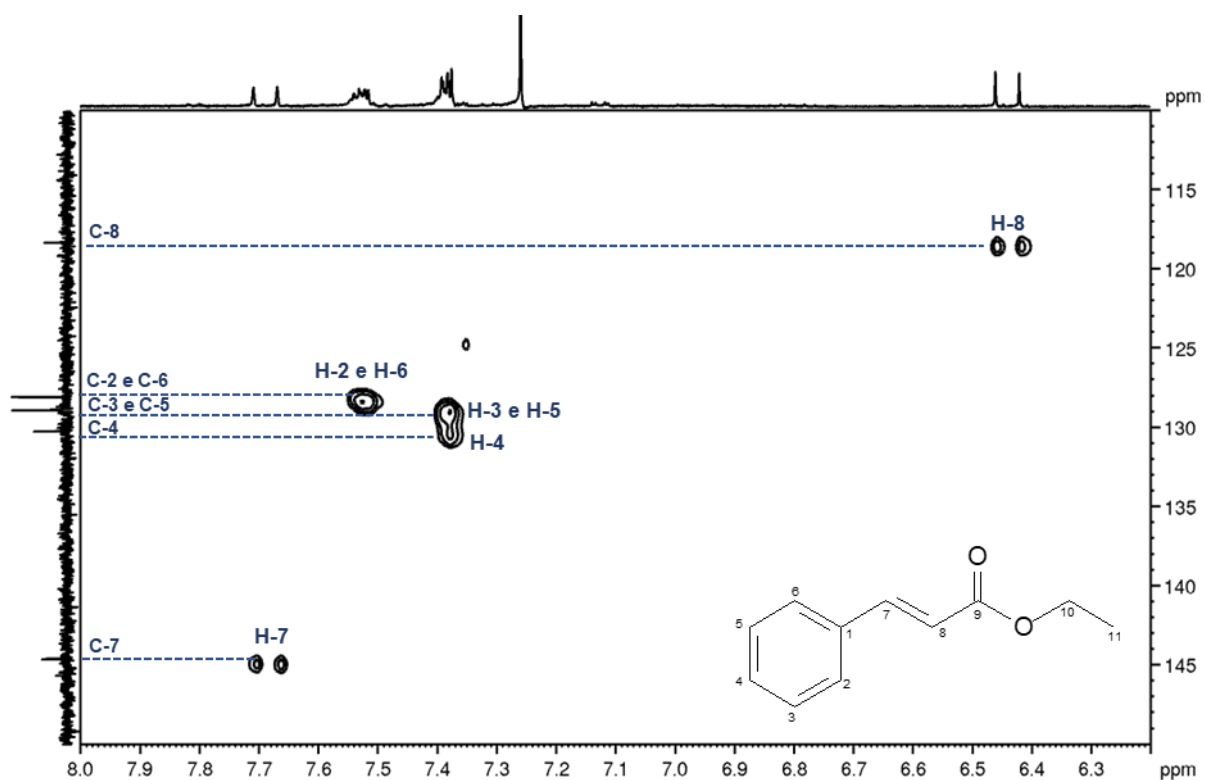


Figure 71S. Expansion of the ^1H - ^{13}C HSQC correlation map of compound 6 in the region of 6.20-8.00 ppm and 110.00-150.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, CDCl_3)

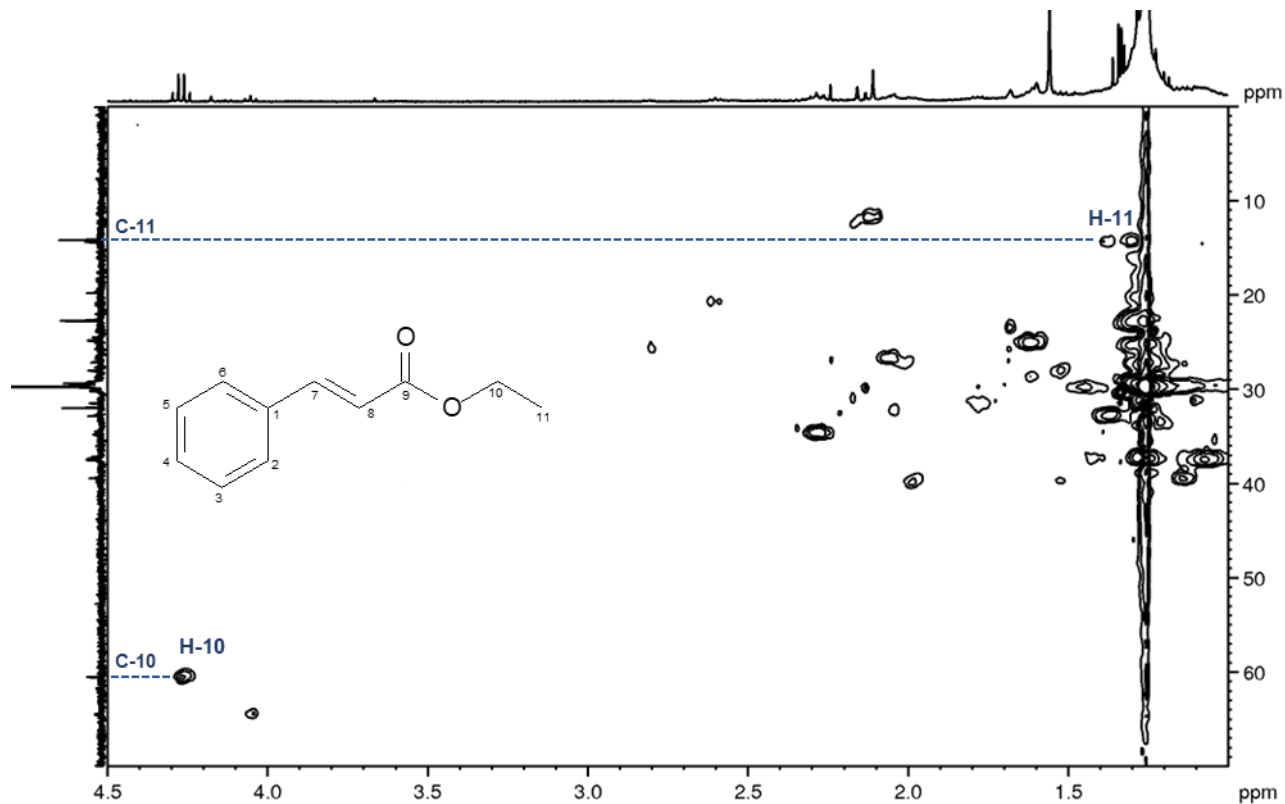


Figure 72S. Expansion of the ^1H - ^{13}C HSQC correlation map of compound 6 in the region of 1.00-4.50 ppm and 0.00-70.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, CDCl_3)

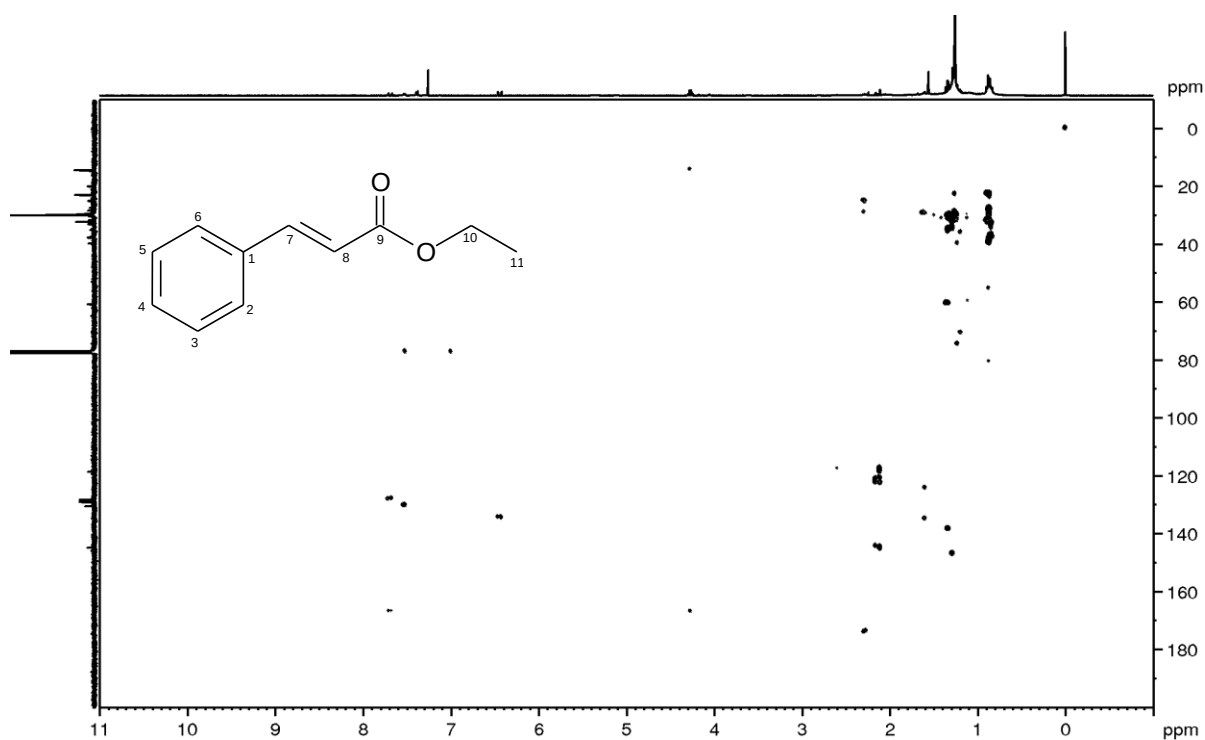


Figure 73S. ^1H - ^{13}C HMBC correlation map of compound **6** (^1H : 400 MHz, ^{13}C : 100 MHz, CDCl_3)

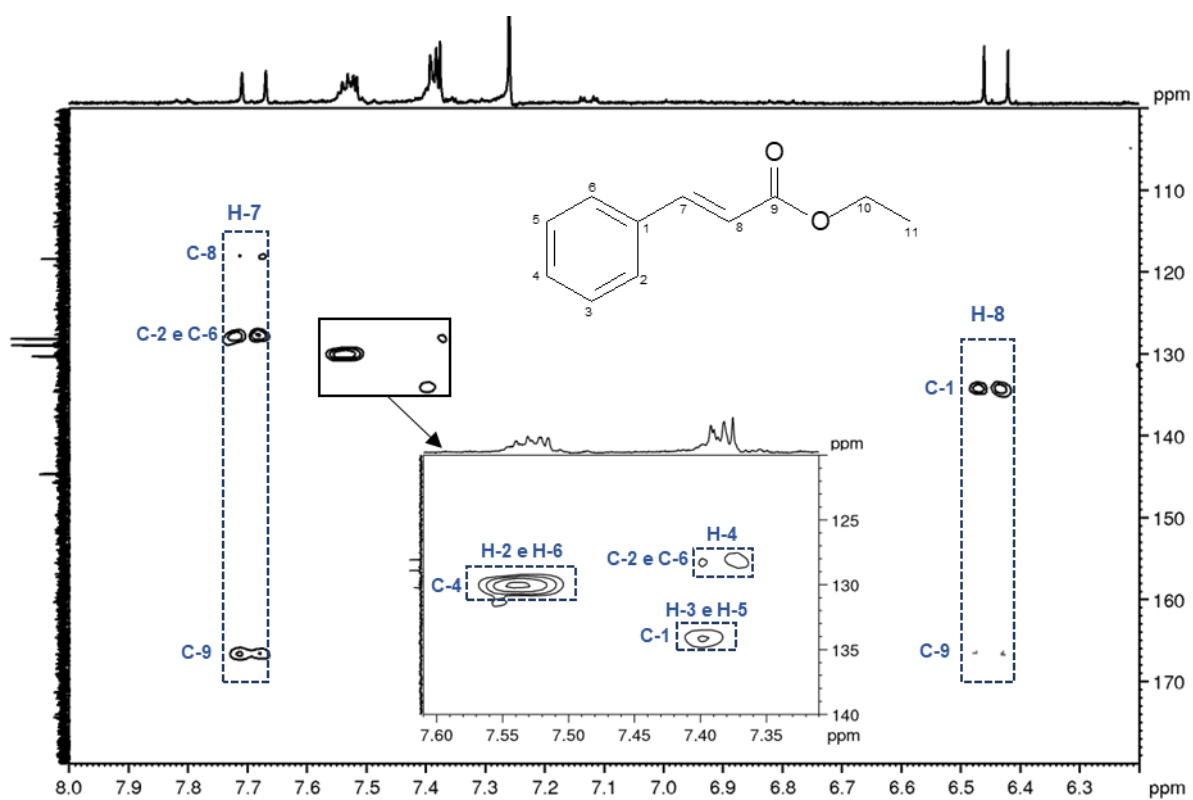


Figure 74S. Expansion of the ^1H - ^{13}C HMBC correlation map of compound **6** in the region of 6.20-8.00 ppm and 100.00-180.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, CDCl_3)

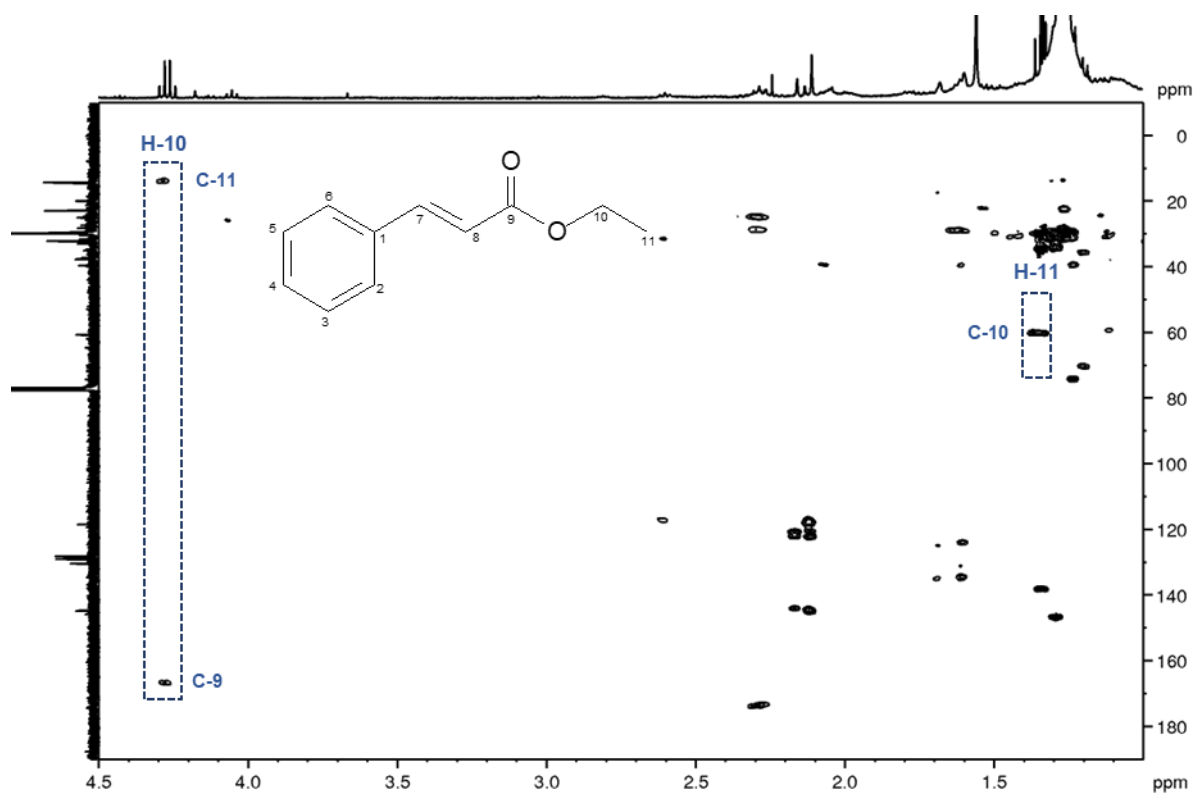


Figure 75S. Expansion of the ^1H - ^{13}C HMBC correlation map of compound **6** in the region of 1.00-4.50 ppm and 0.00-190.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, CDCl_3)

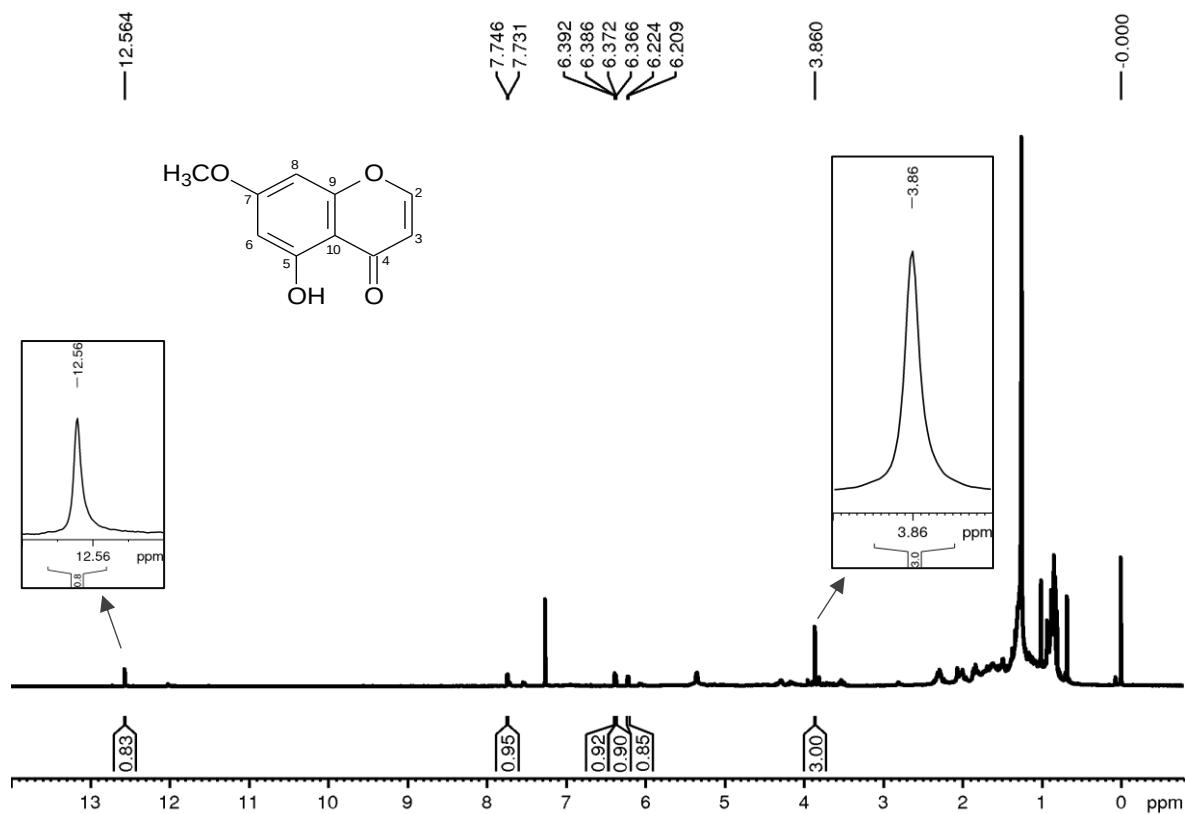


Figure 76S. ^1H NMR spectrum of compound **7** (CDCl_3 , 400 MHz)

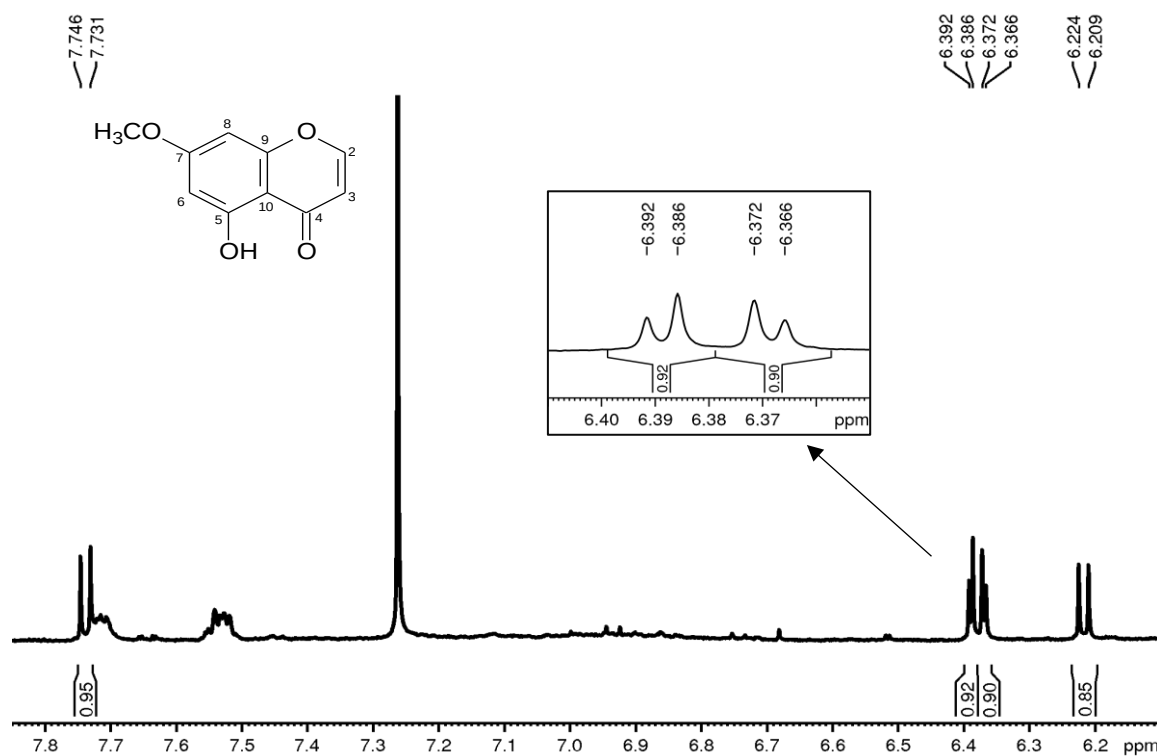


Figure 77S. Expansion of the ^1H NMR spectrum of compound 7 in the region of 6.10-7.90 ppm (CDCl_3 , 400 MHz)

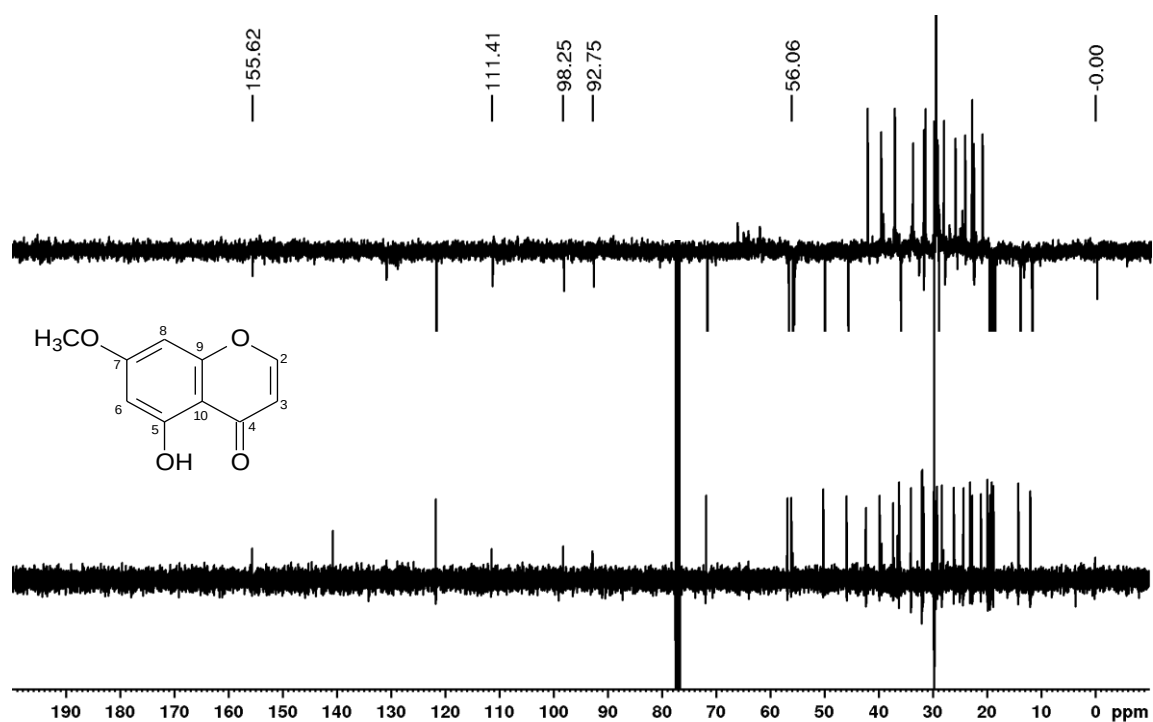


Figure 78S. ^{13}C NMR and DEPT135 spectra of compound 7 (CDCl_3 , 100 MHz)

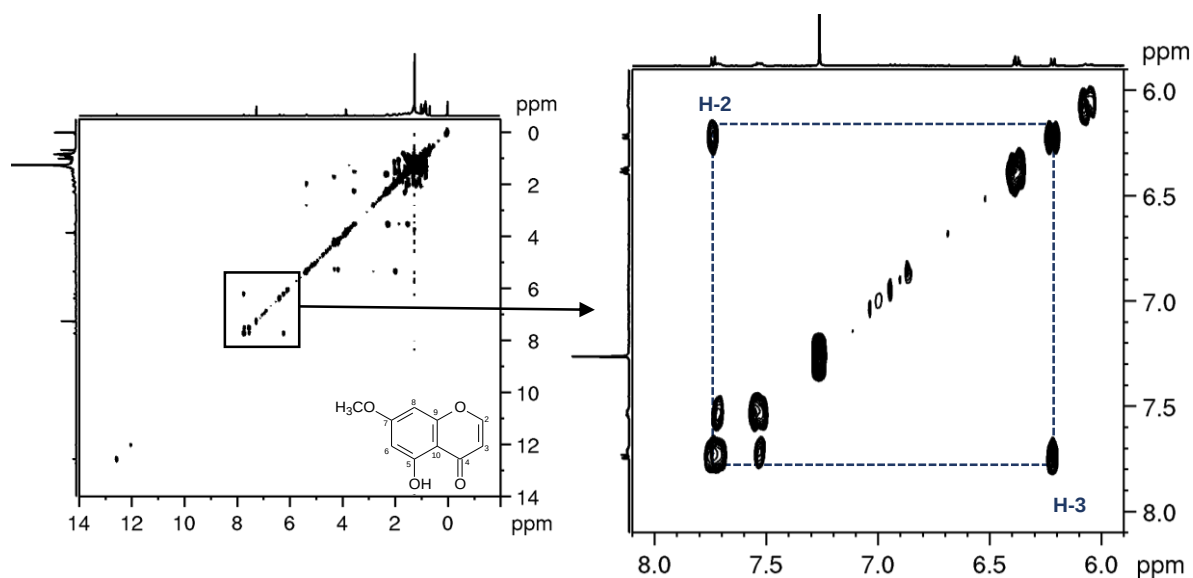


Figure 79S. ^1H - ^1H COSY correlation map of compound 7 (^1H : 400 MHz, ^1H : 400 MHz, CDCl_3)

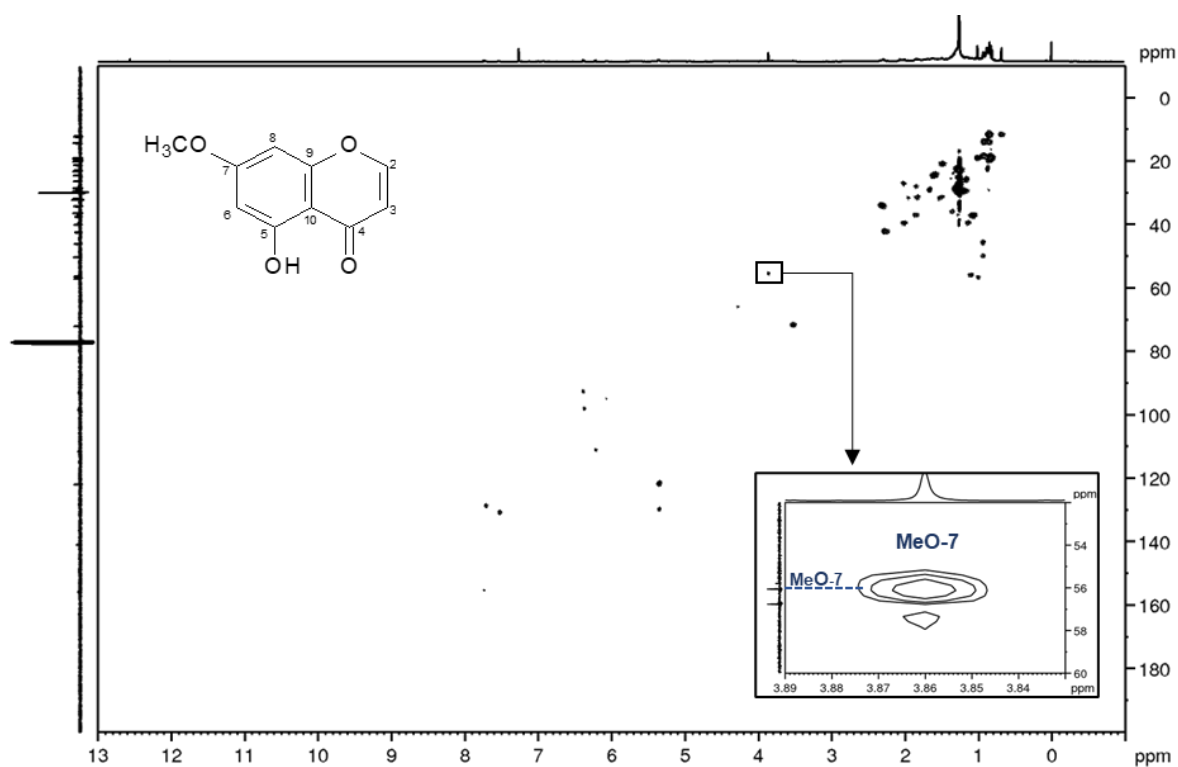


Figure 80S. ^1H - ^{13}C HSQC correlation map of compound 7 (^1H : 400 MHz, ^{13}C : 100 MHz, CDCl_3)

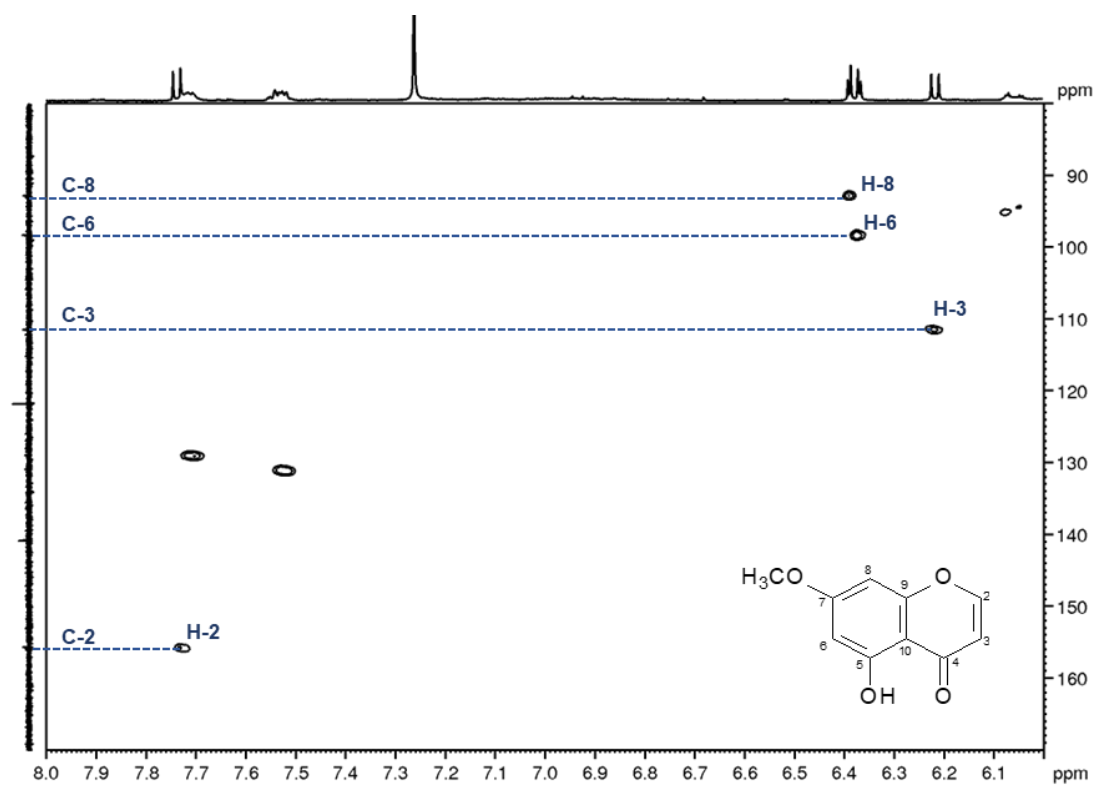


Figure 81S. Expansion of the ^1H - ^{13}C HSQC correlation map of compound 7 in the region of 5.90-7.70 ppm and 85.00-125.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, CDCl_3)

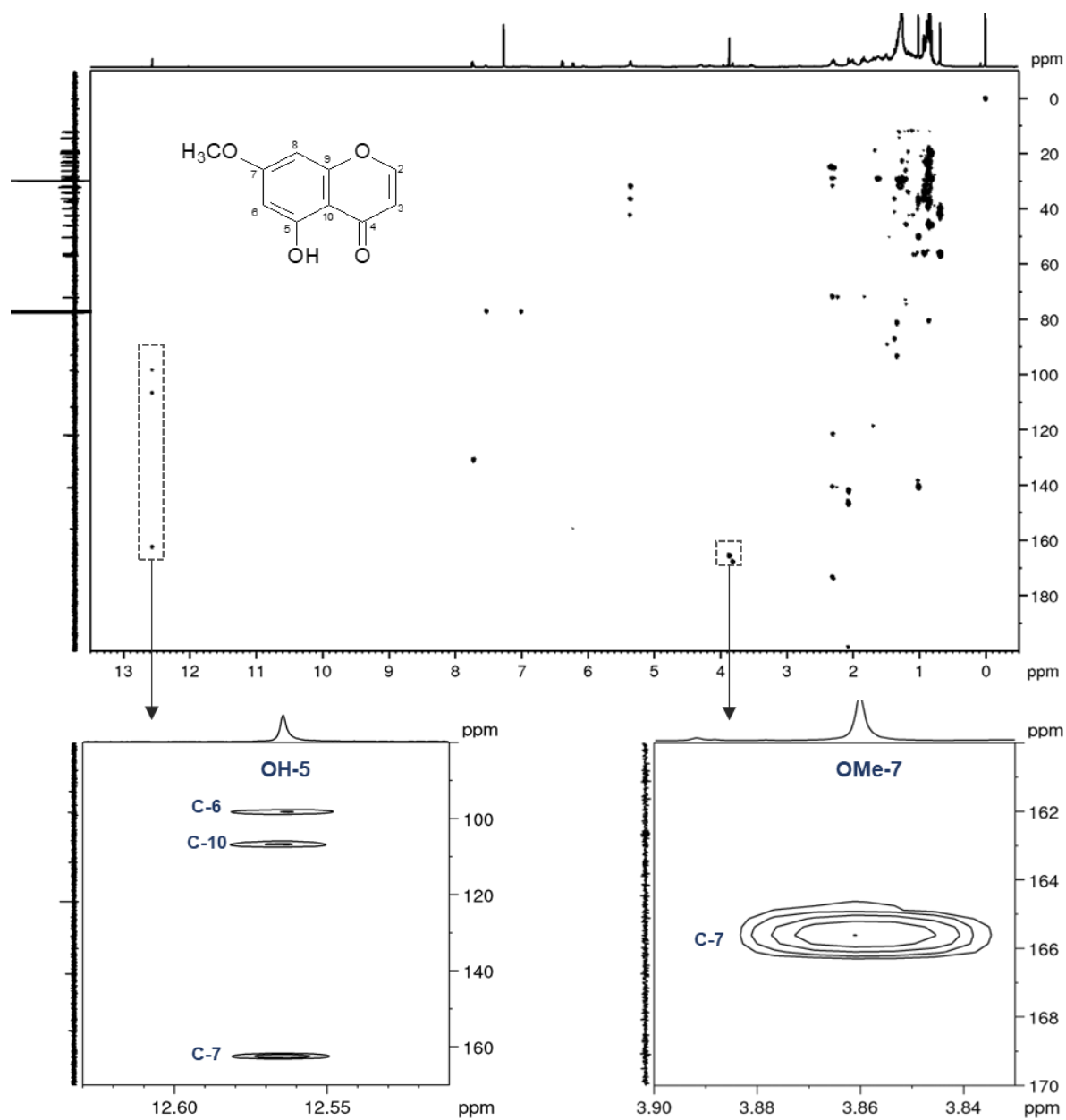


Figure 82S. HMBC correlation map of compound 7 (^1H : 400 MHz, ^{13}C : 100 MHz, CDCl_3)

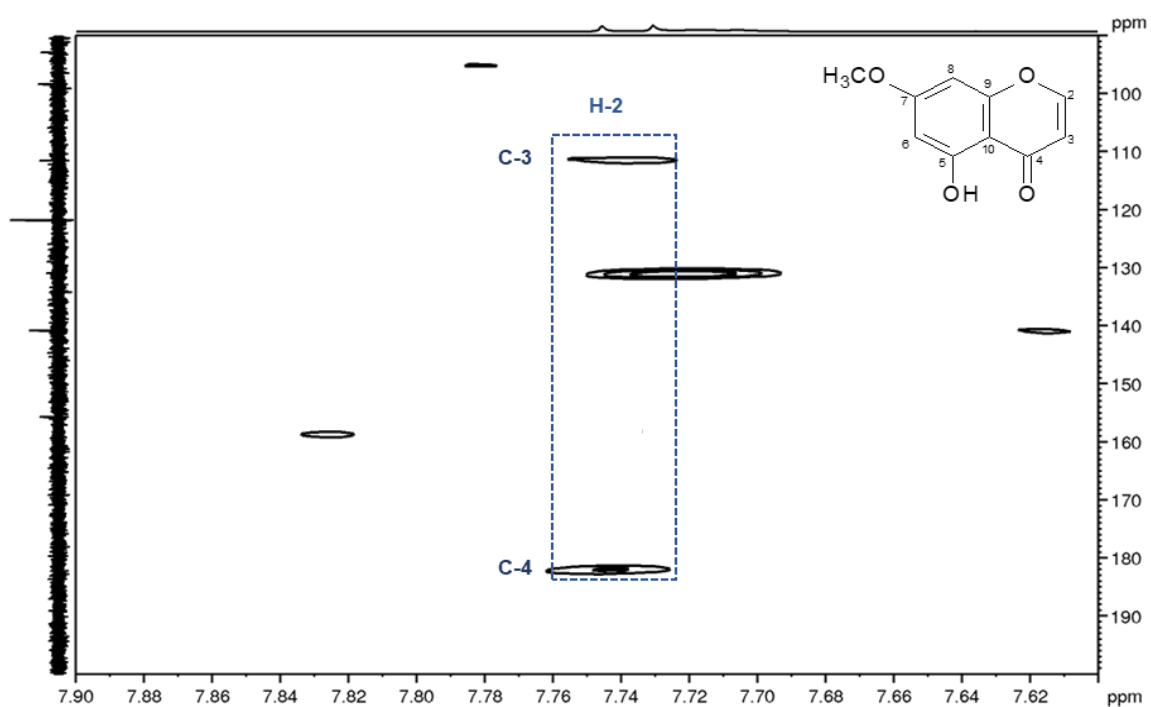


Figure 83S. Expansion of the ^1H - ^{13}C HMBC correlation map of compound 7 in the region of 7.60-7.90 ppm and 90.00-200.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, CDCl_3)

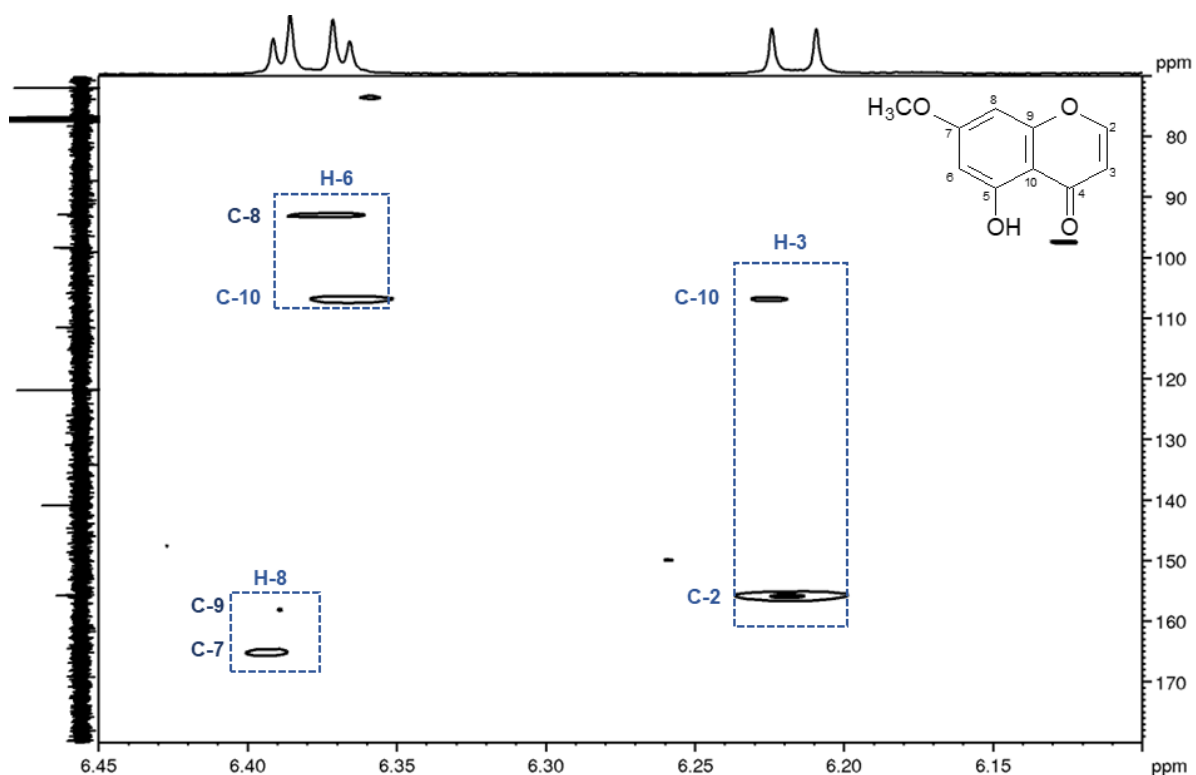


Figure 84S. Expansion of the ^1H - ^{13}C HMBC correlation map of compound 7 in the region of 6.10-6.45 ppm and 70.00-180.00 ppm (^1H : 400 MHz, ^{13}C : 100 MHz, CDCl_3)