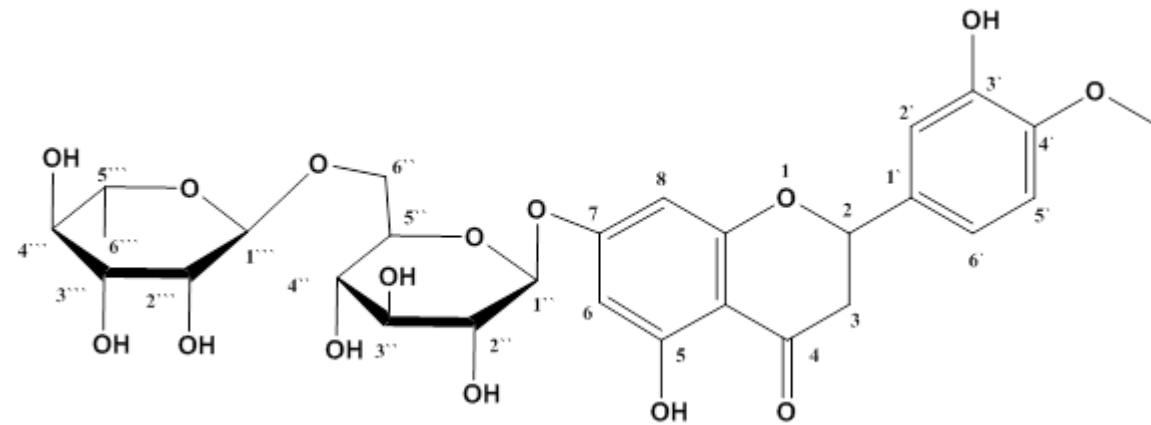
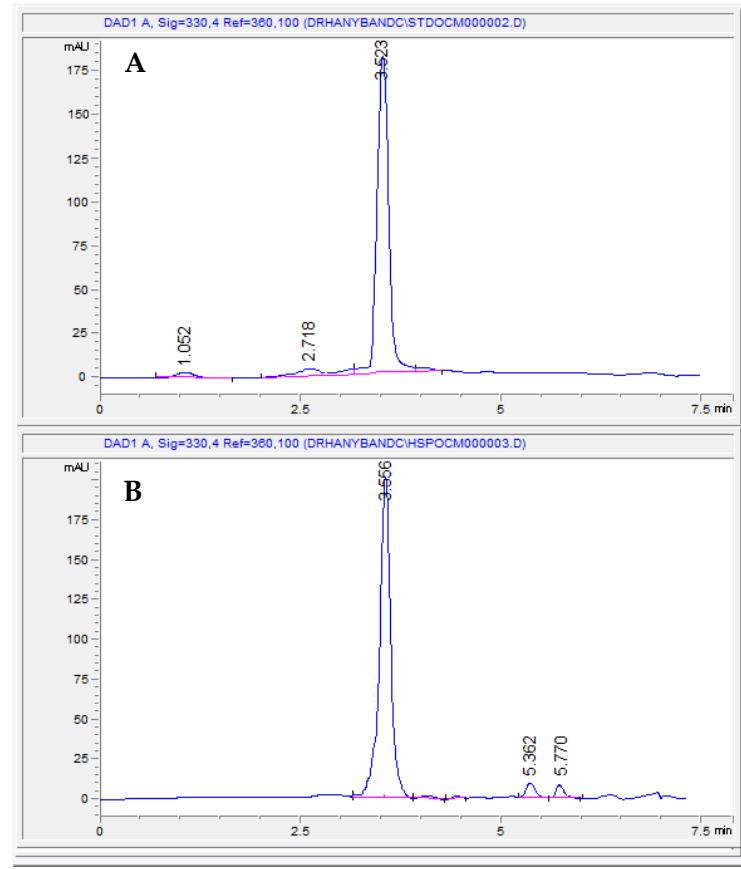


Supplementary-S1: 1D- and 2D- NMR
spectroscopic data of Hesperidin

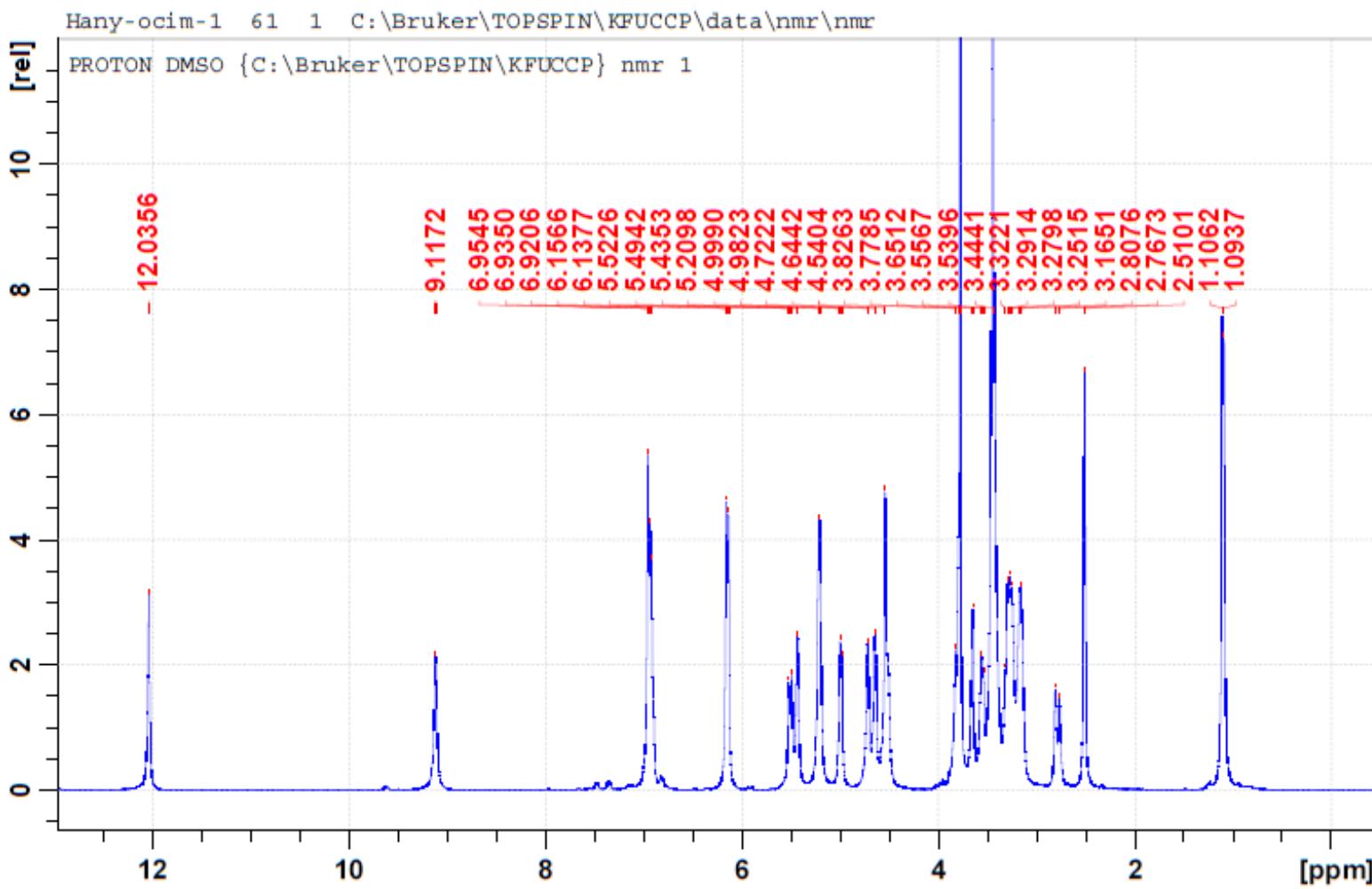


Structure of Hesperidin

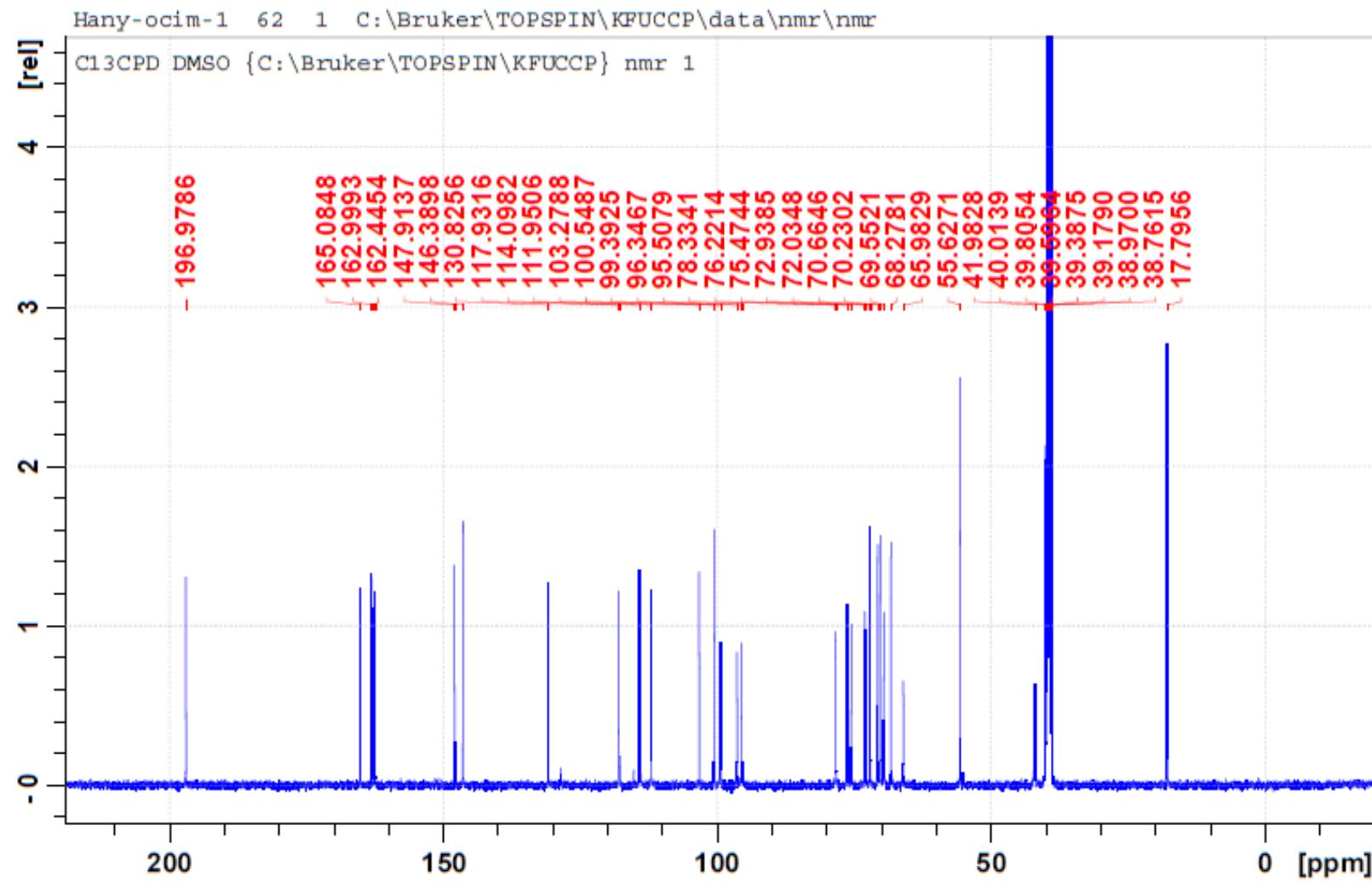


HPLC chromatograms of authentic hesperidin (A) and isolated hesperidin (B)

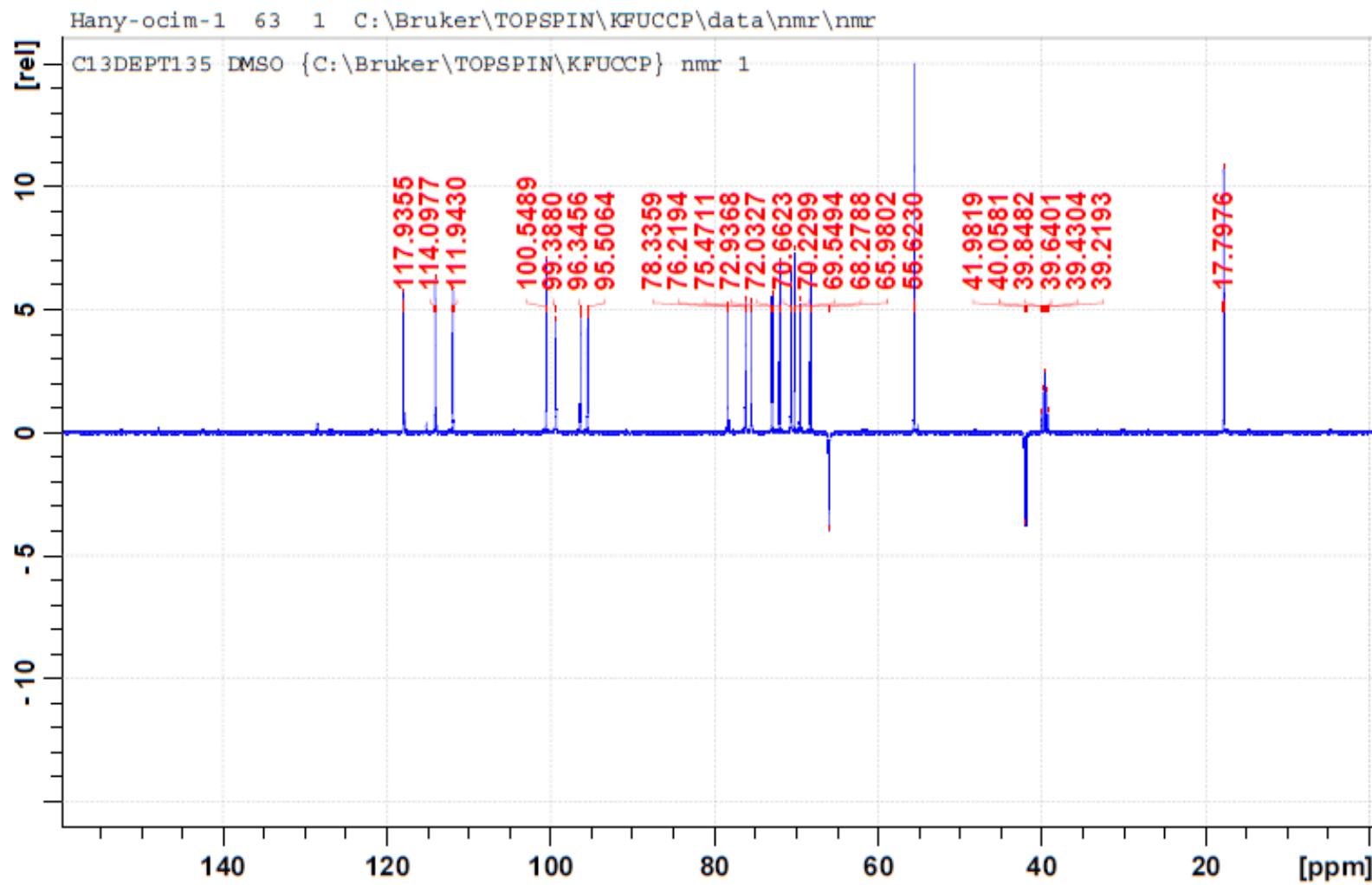
High performance liquid chromatography (HPLC) apparatus type (Agilent, 1200 series, Germany) equipped with PDA detector and Discovery® C18 (5 Cm x 4.6 mm x 5 μ m) column (supelco, USA). An isocratic mode elution equipped with Acetonitrile: water blend (75:25 v/v) with flow rate 1mL/min. injection volume was 10 μ L (from 5 mg/mL, samples in methanol(. The chromatogram was monitored using Agilent Chemstation software (Version B.2.4.1)



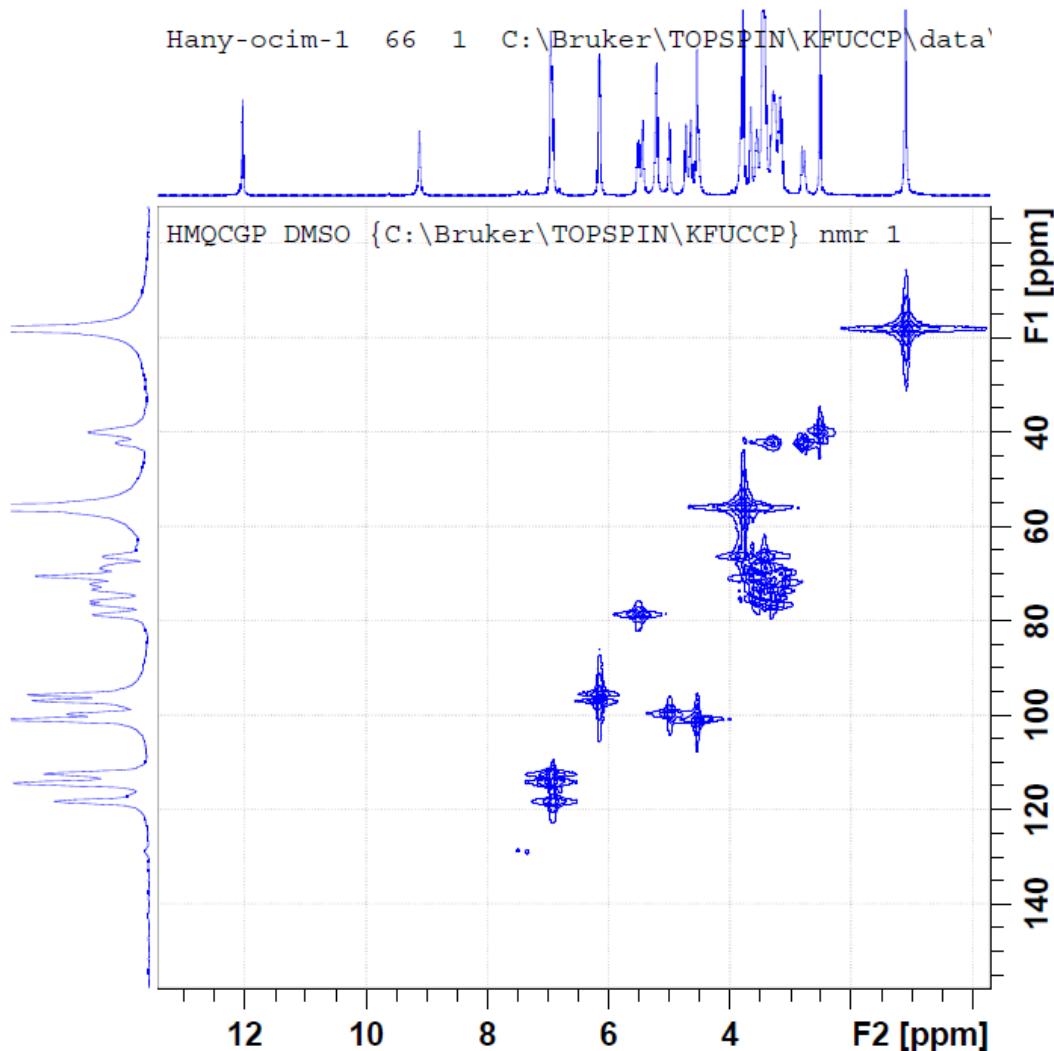
1-¹H-NMR spectrum of Hesperidin (400 MHz, DMSO-*d*6)



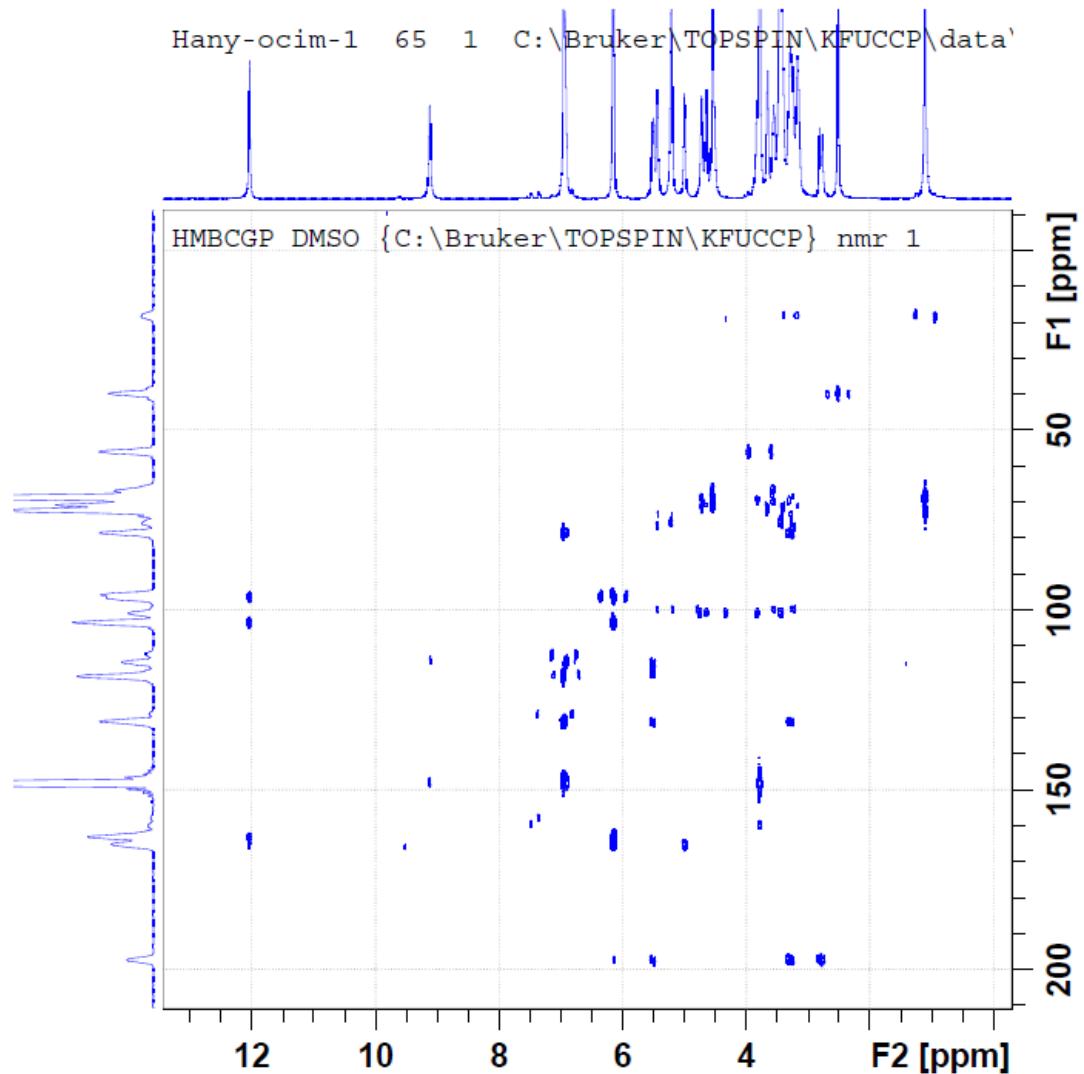
2- ¹³C-NMR spectrum of Hesperidin (100 MHz, DMSO-*d*6)



3- DEPT spectrum of Hesperidin (100 MHz, DMSO-*d*6)



4- HMQC spectrum of Hesperidin



5- HMBC spectrum of Hesperidin