

Supporting Information

Rec. Nat. Prod. 17:6 (2023) 998-1005

Coumarins from the Dichloromethane Root extract of *Heptaptera triquetra* and Their Cytotoxic Activities

Fatma Tosun¹, John A. Beutler² and Mahmut Miski^{3*}

¹Department of Pharmacognosy, School of Pharmacy, Istanbul Medipol University, Istanbul 34810, Türkiye

²Molecular Targets Program, Center for Cancer Research, National Cancer Institute, Frederick, MD 21702, USA

³Department of Pharmacognosy, Faculty of Pharmacy, Istanbul University, Istanbul 34116, Türkiye

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D-14-POS_20220401141558 #3 RT: 0.02 AV: 1 SM: 7G NL: 2.73E8
T: FTMS + p ESI Full ms [200.0000-750.0000]

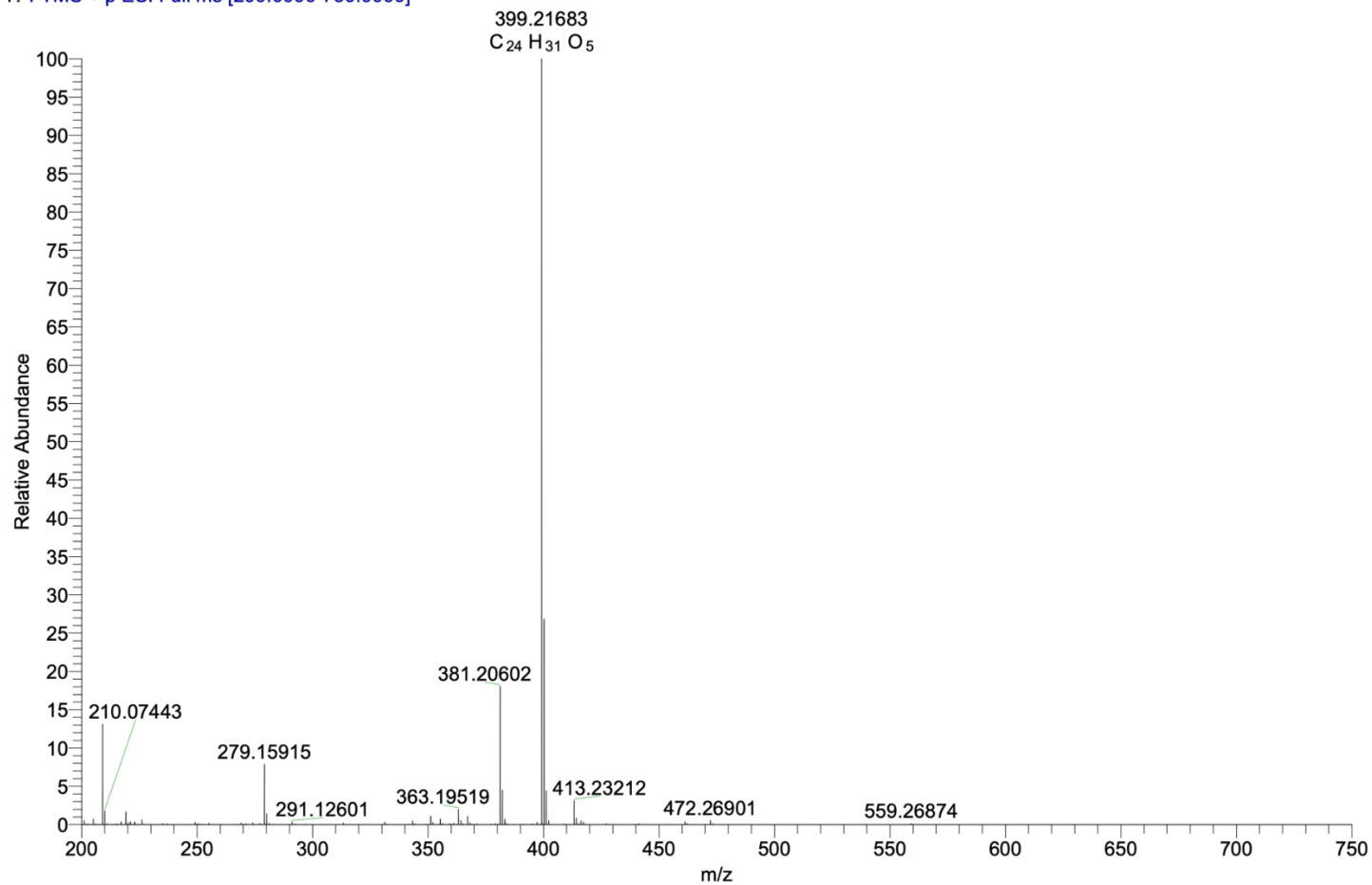


Figure S1: HR-ESI-MS Spectrum of 7 (14'-Hydroxybadrakemin)

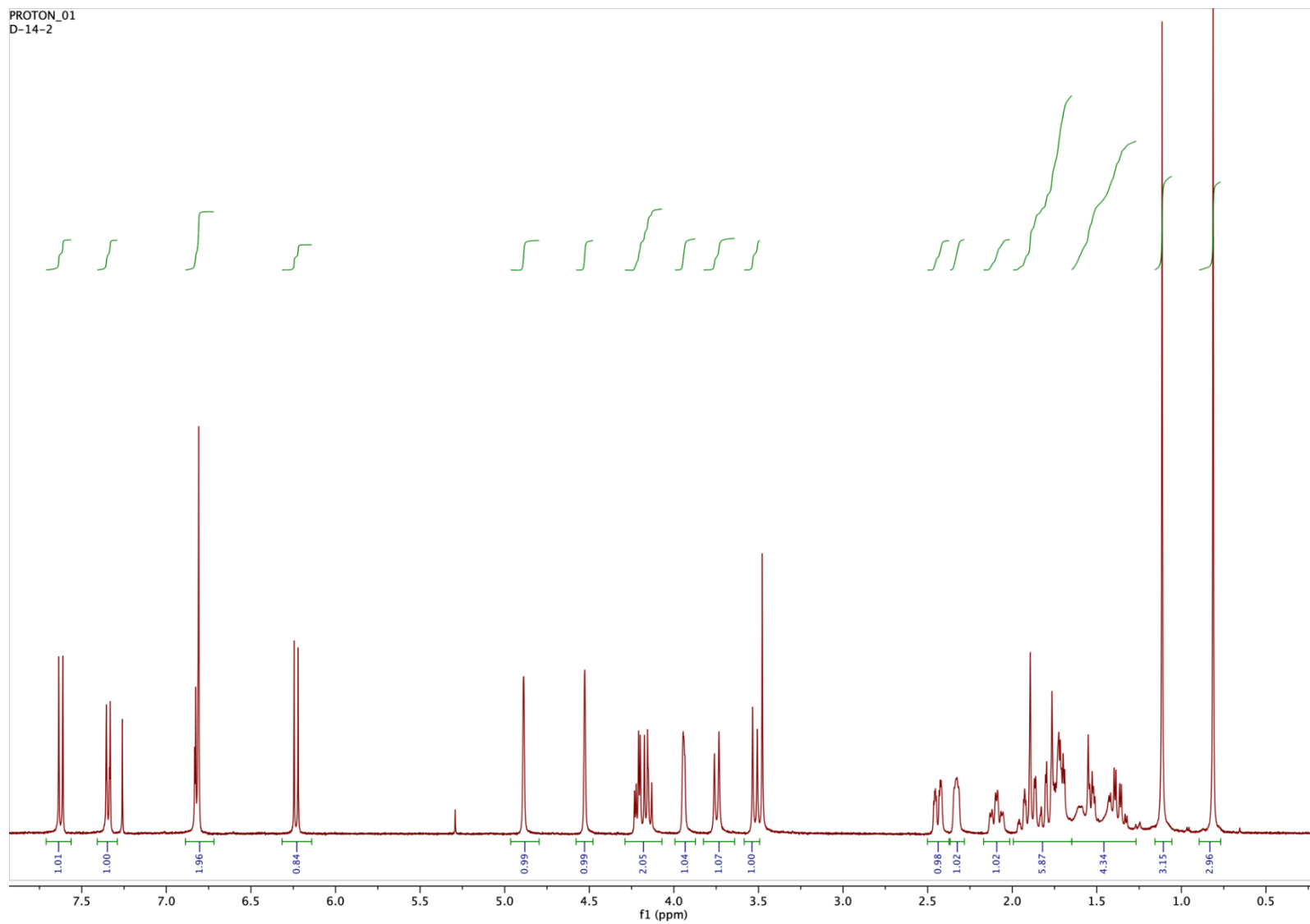


Figure S2: ¹H-NMR (400 MHz, CDCl₃) Spectrum of **7** (14'-Hydroxybadrakemin)

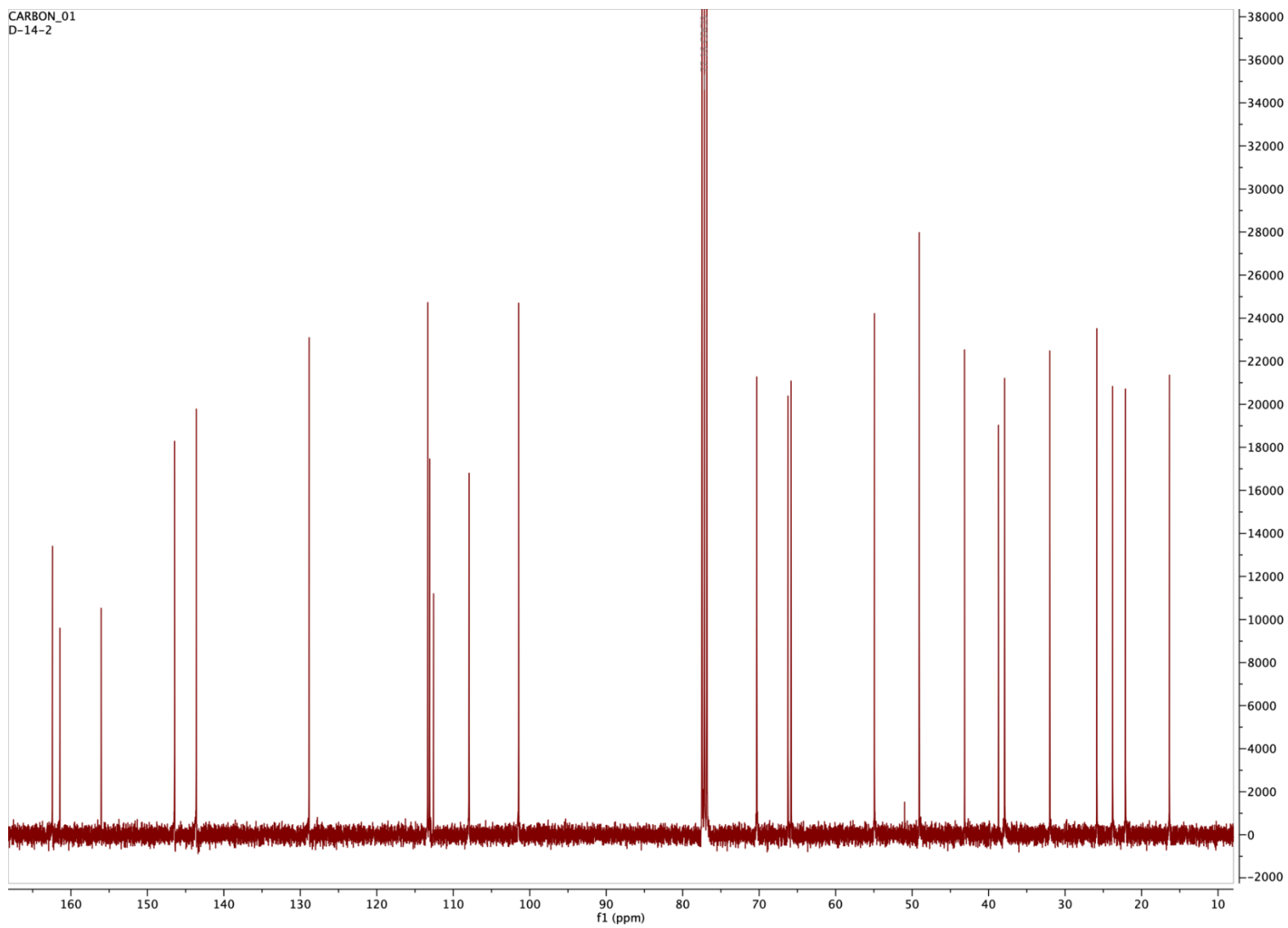


Figure S3: ¹³C-NMR (100 MHz, CDCl₃) Spectrum of **7** (14'-Hydroxybadrakemin)

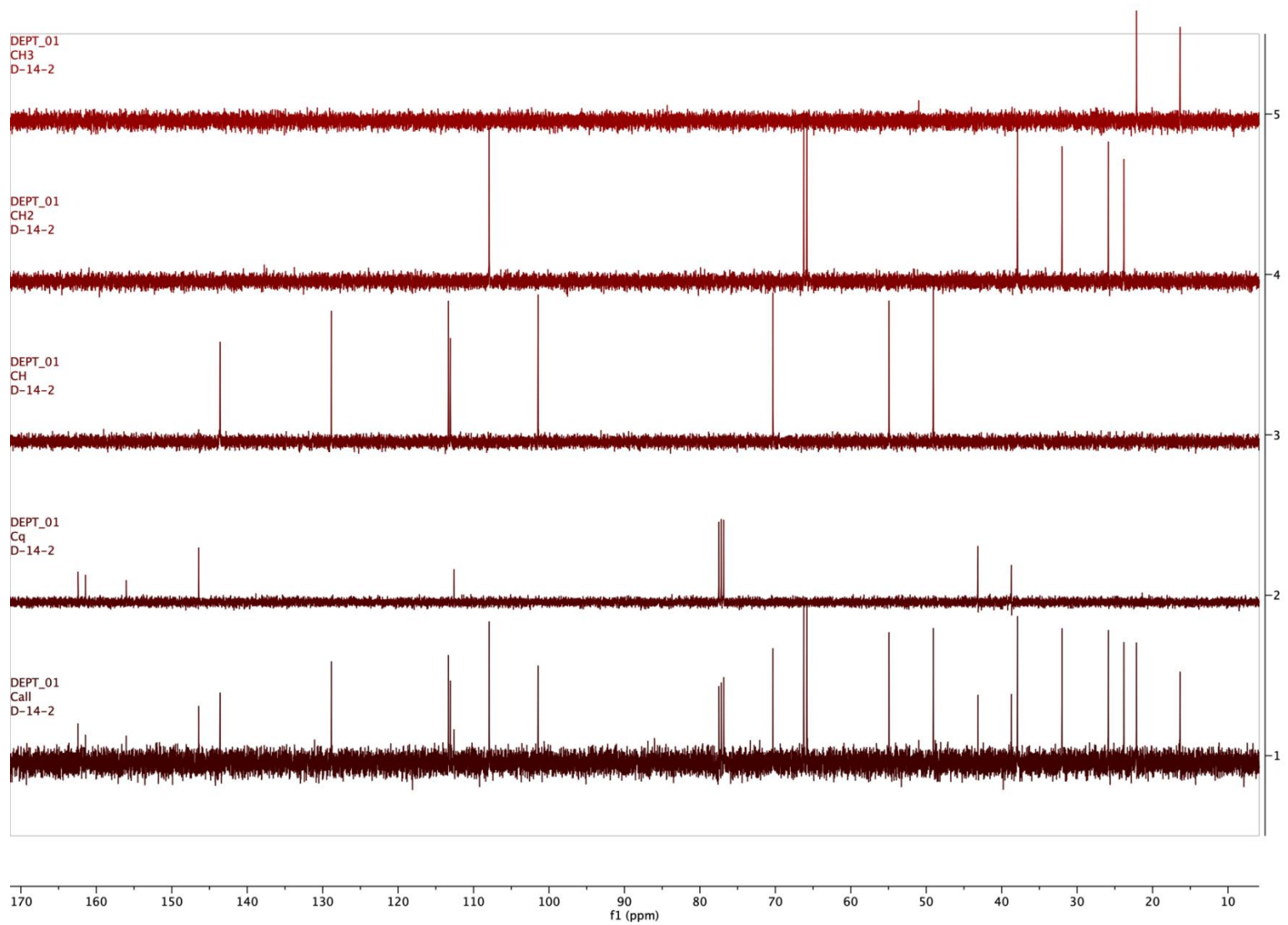


Figure S4: DEPT (100 MHz, CDCl₃) Spectra of **7** (14'-Hydroxybadrakemin)

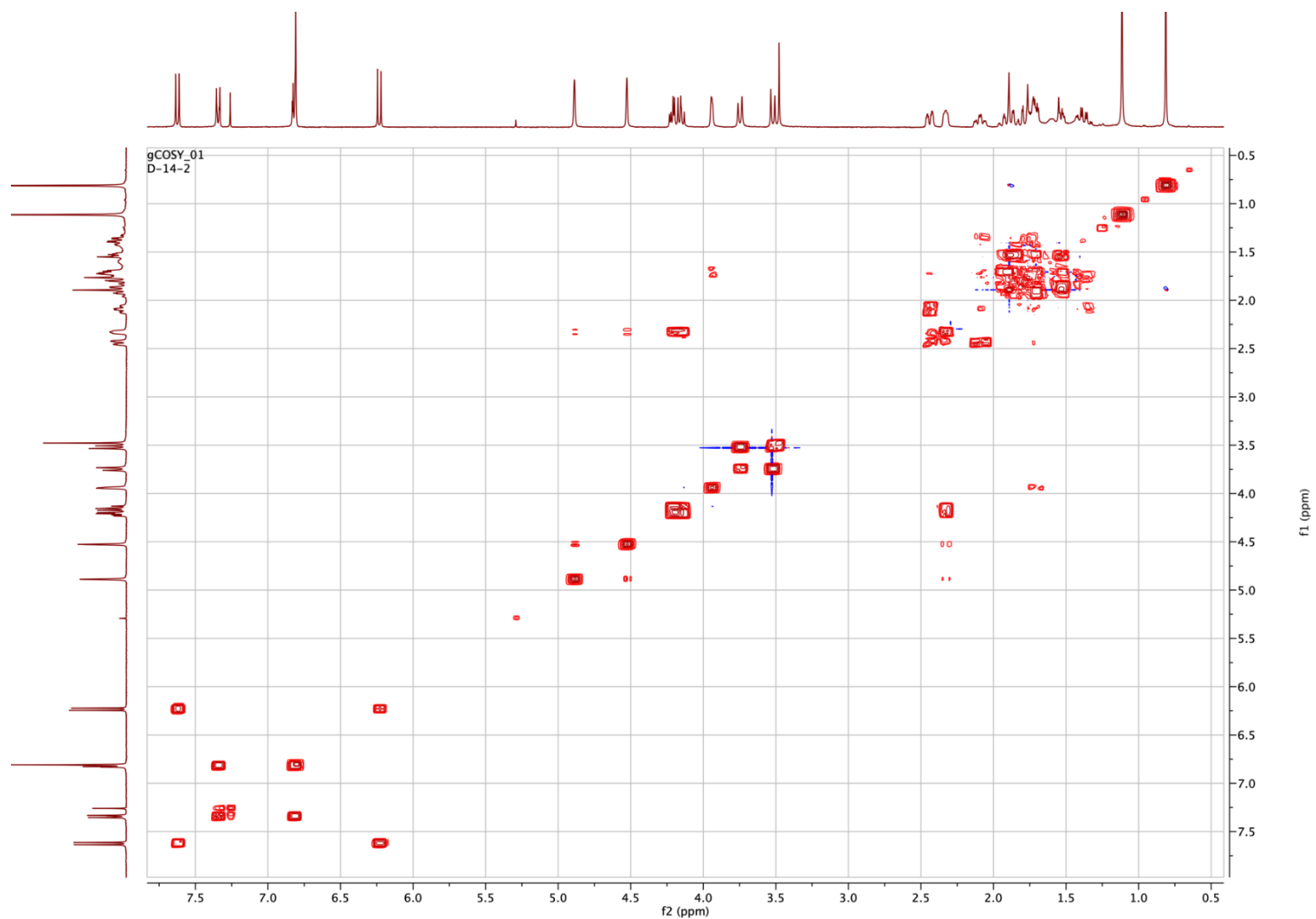


Figure S5: 2D COSY Spectrum of **7** (14'-Hydroxybadrakemin)

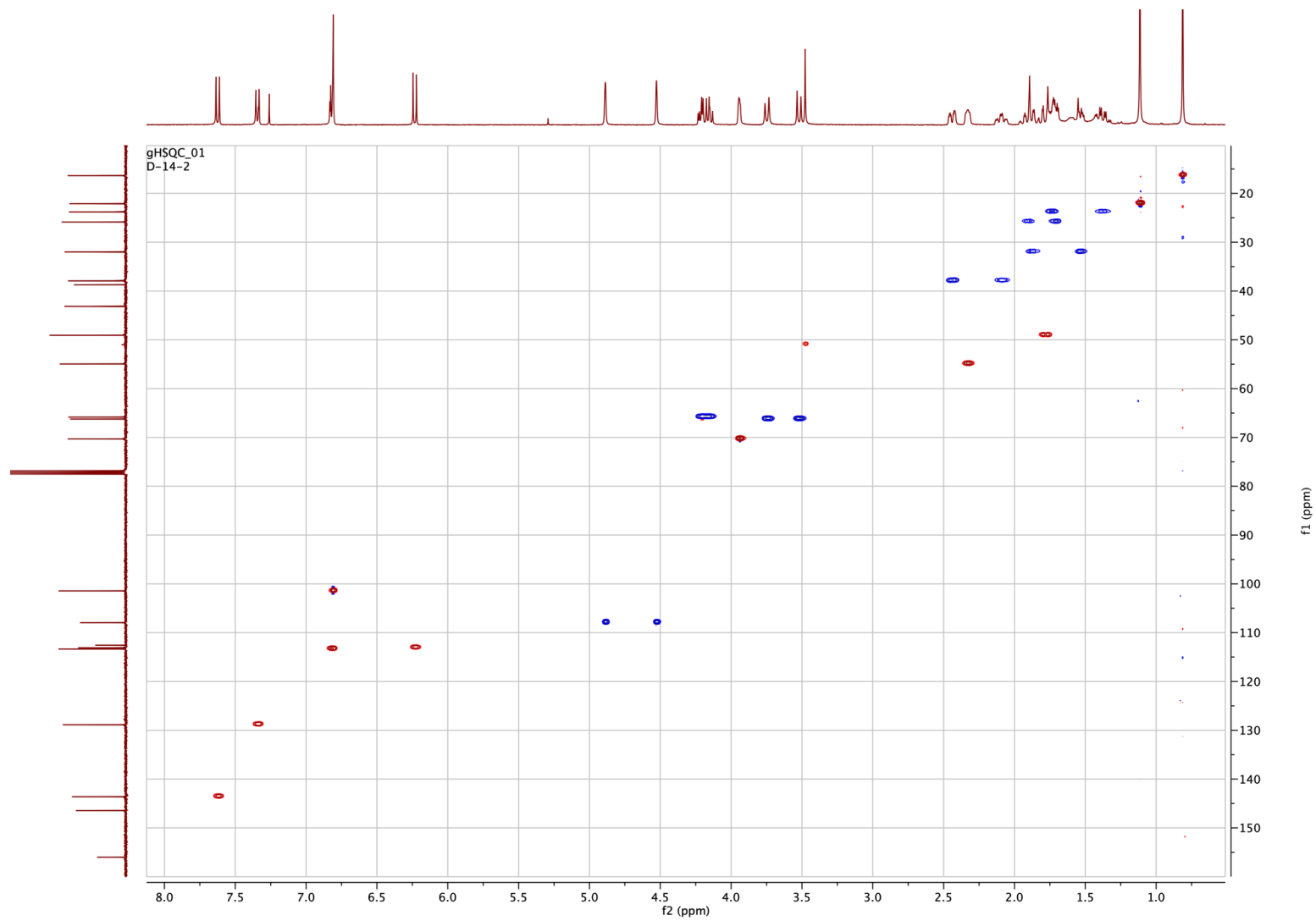


Figure S6: 2D HSQC Spectrum of 7 (14'-Hydroxybadrakemin)

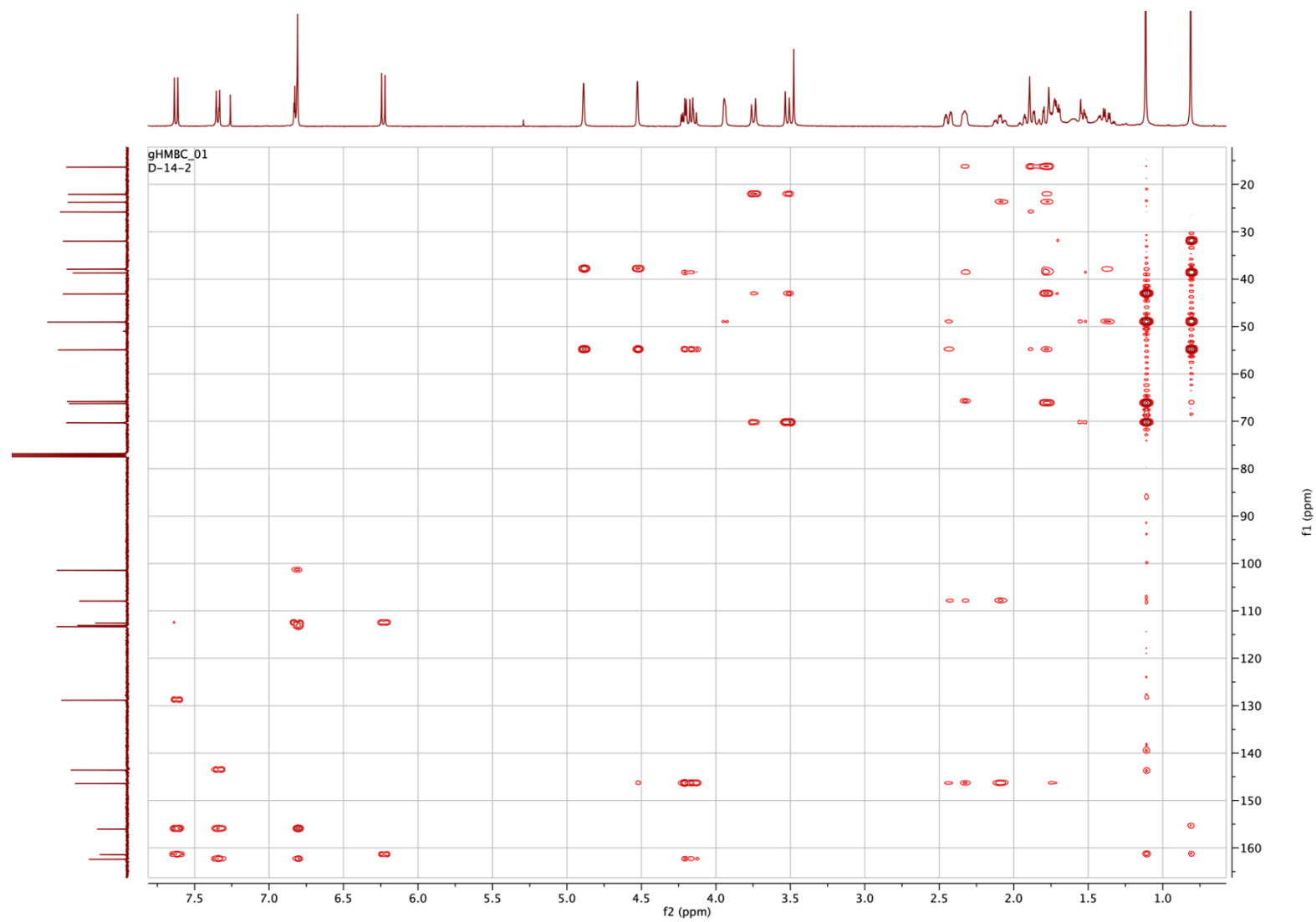


Figure S7: 2D HMBC Spectrum of **7** (14'-Hydroxybadrakemin)

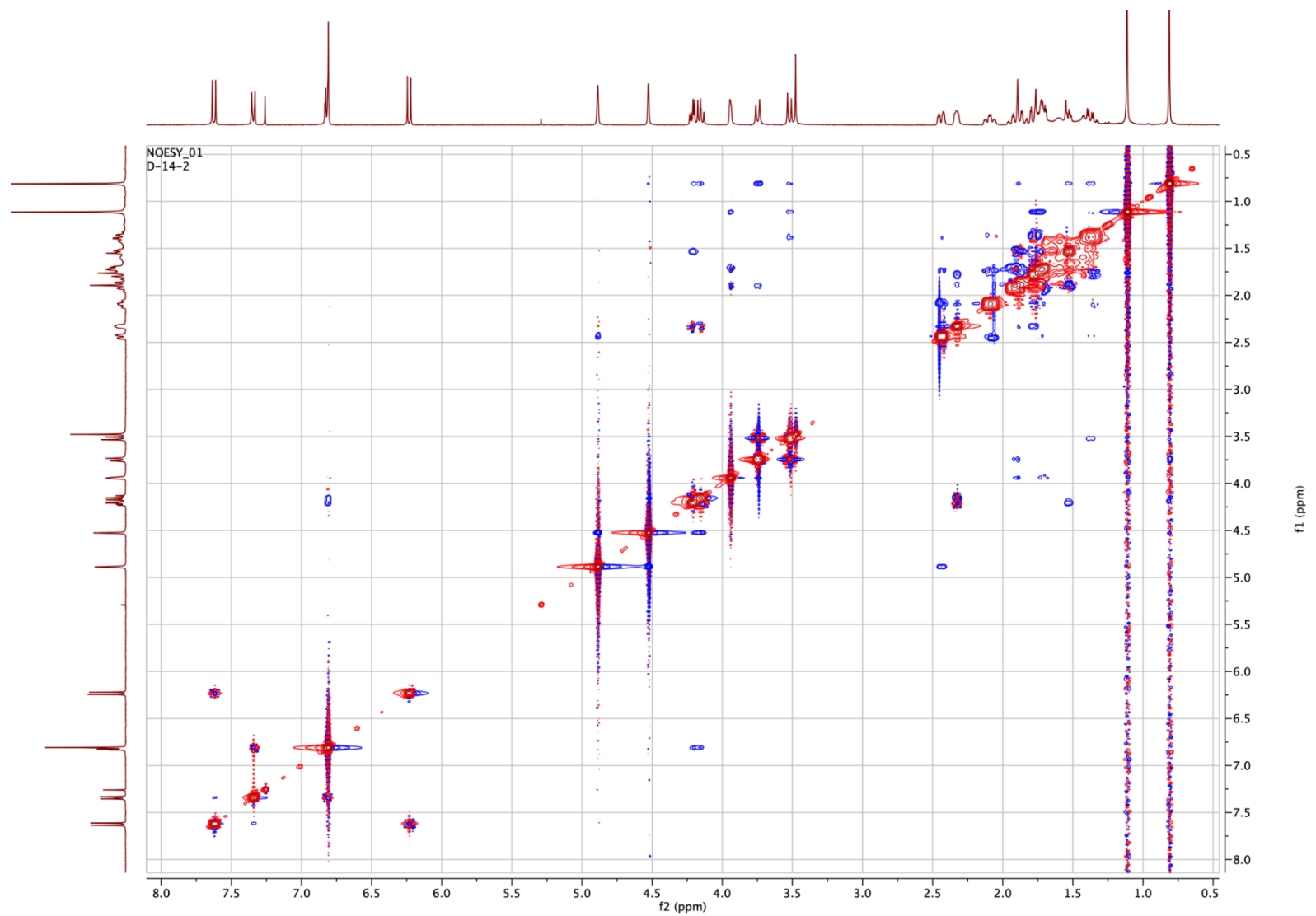


Figure S8: 2D NOESY Spectrum of **7** (14'-Hydroxybadrakemin)

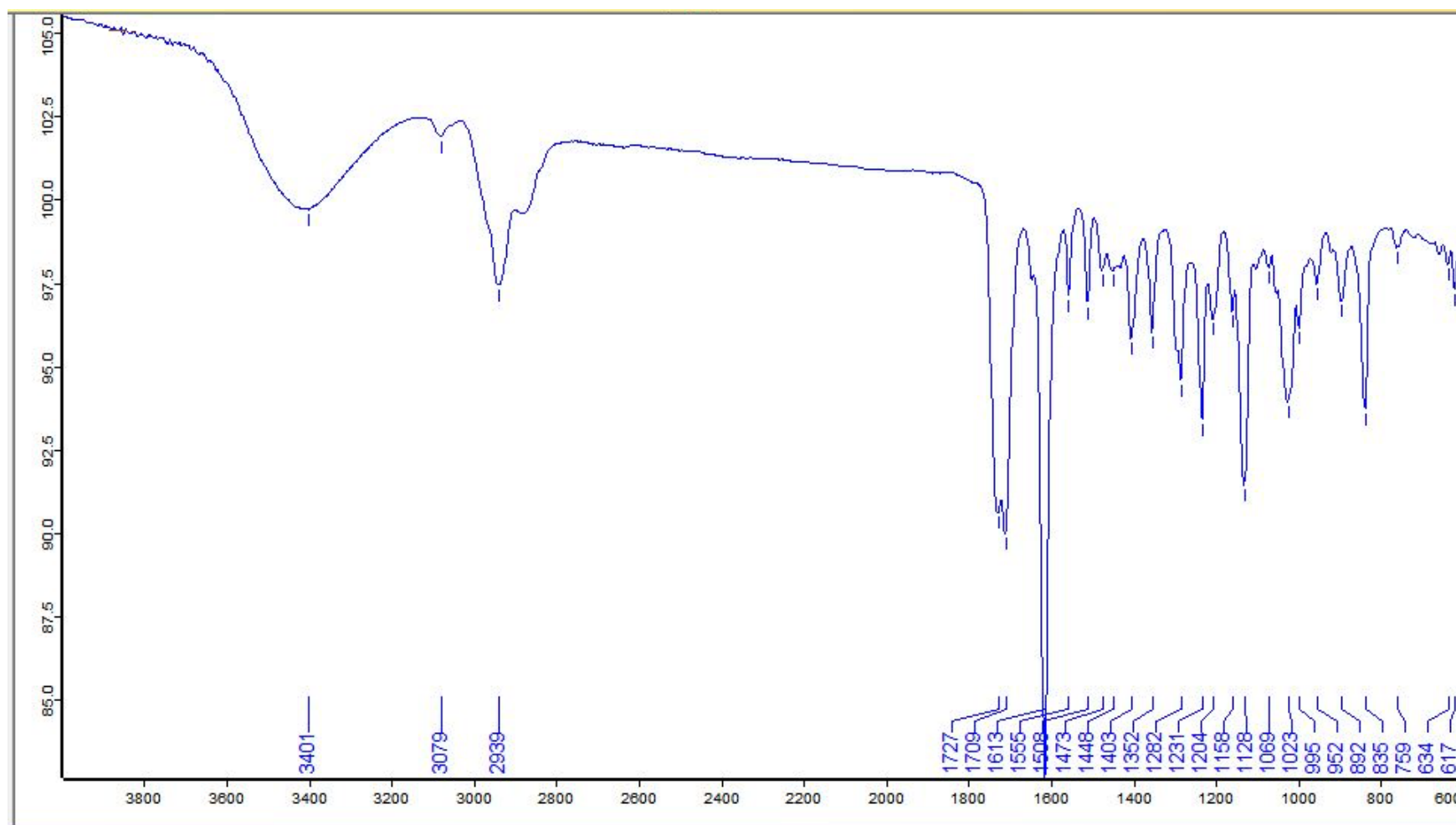


Figure S9: IR Spectrum of 7 (14'-Hydroxybadrakemin)

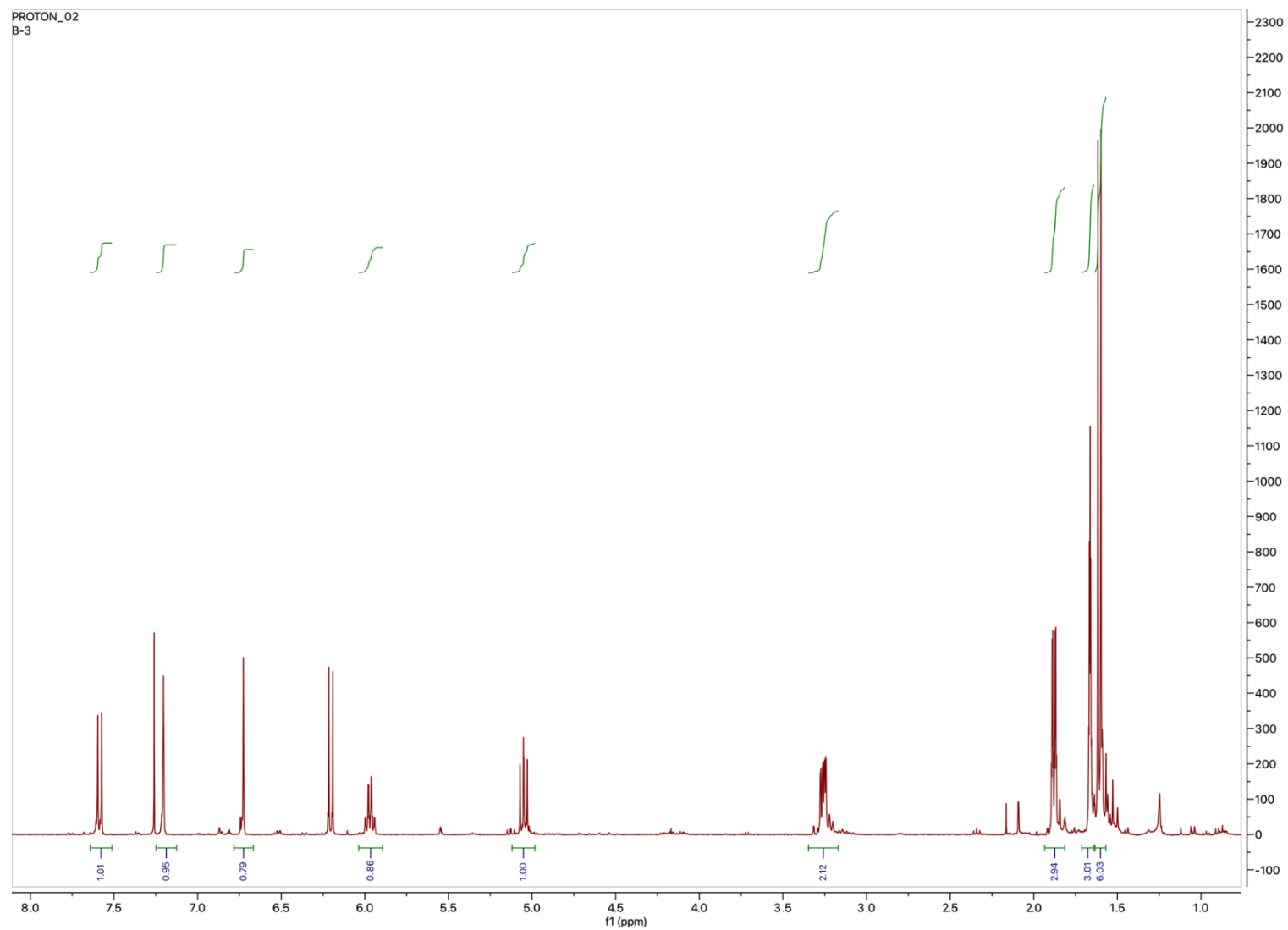


Figure S10: ¹H-NMR (400 MHz, CDCl₃) Spectrum of **1** (Deltoin)

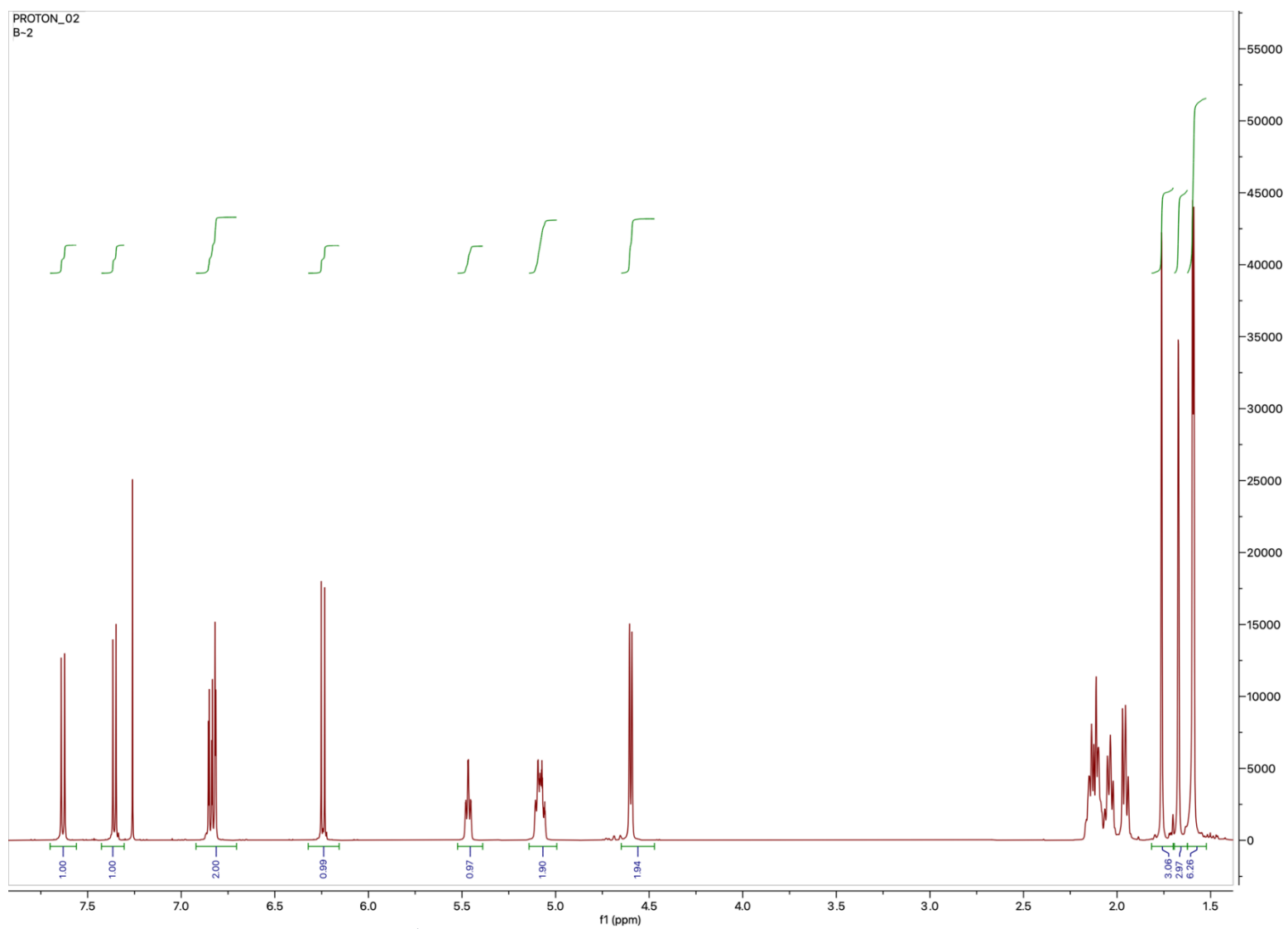


Figure S11: $^1\text{H-NMR}$ (500 MHz, CDCl_3) Spectrum of **2** (Umbelliprenin)

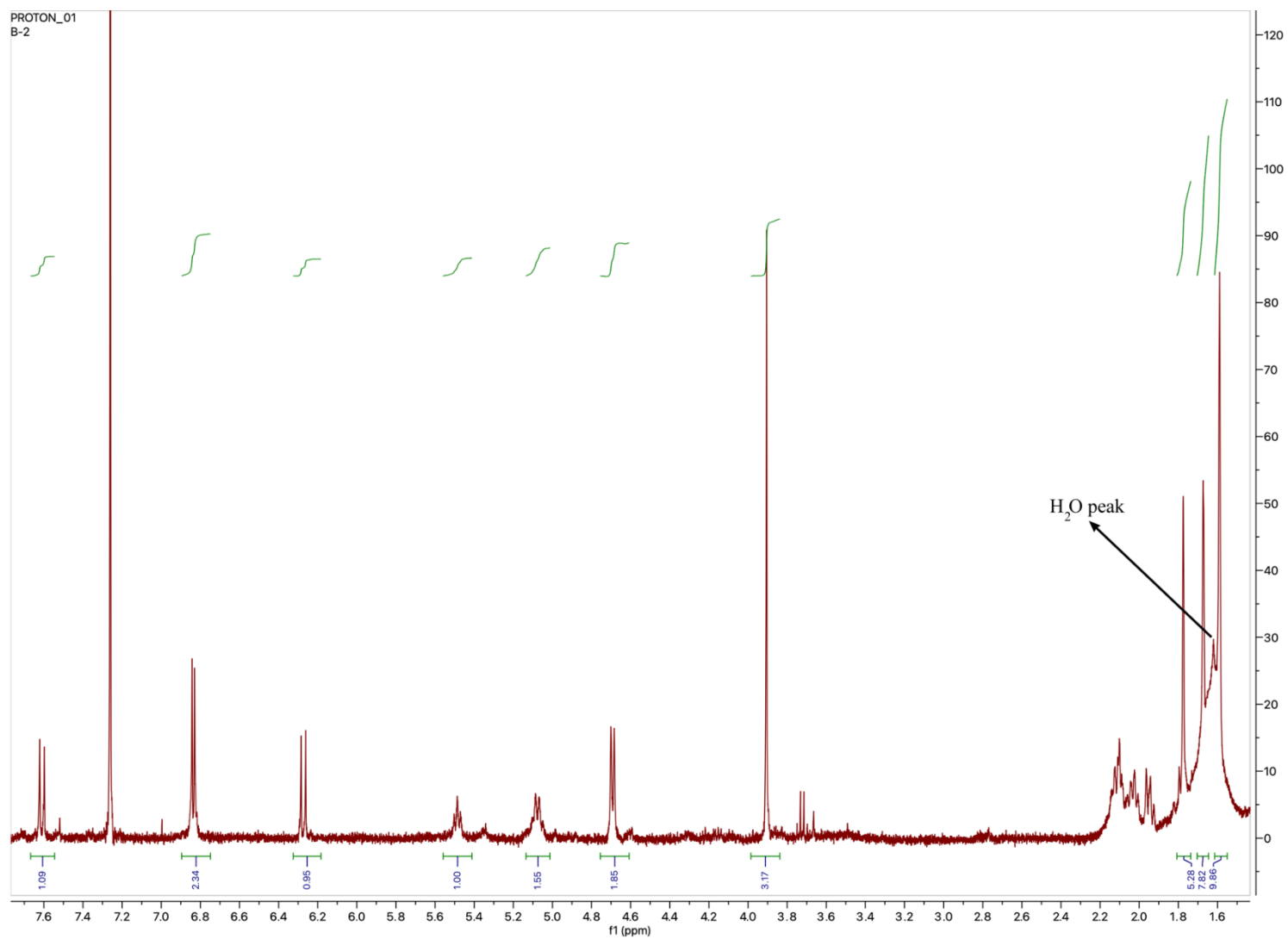


Figure S12: ¹H-NMR (500 MHz, CDCl₃) Spectrum of **3** (Farnesyl scopoletin)

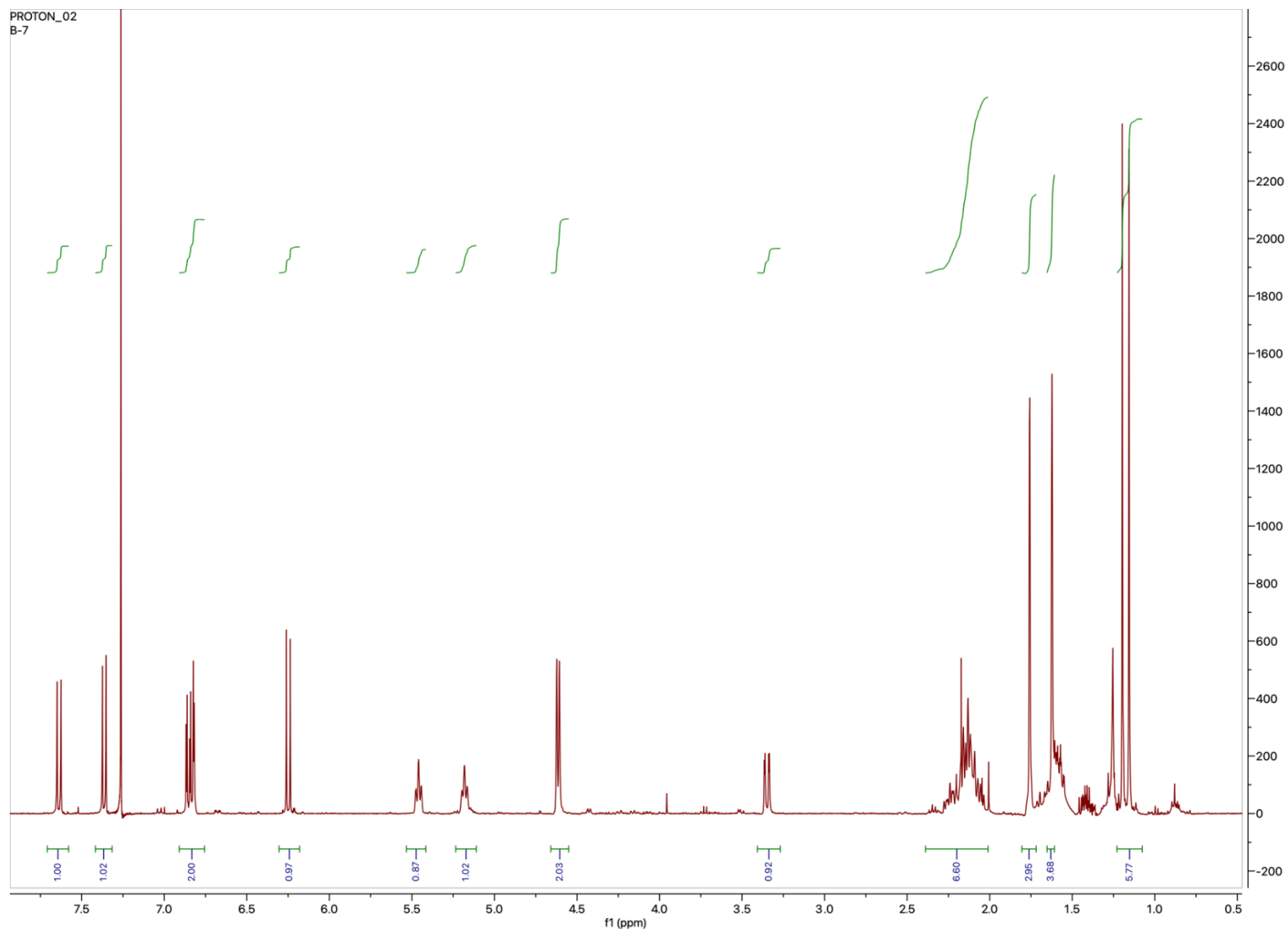


Figure S13: ¹H-NMR (500 MHz, CDCl₃) Spectrum of **4** (Karatavicinol)

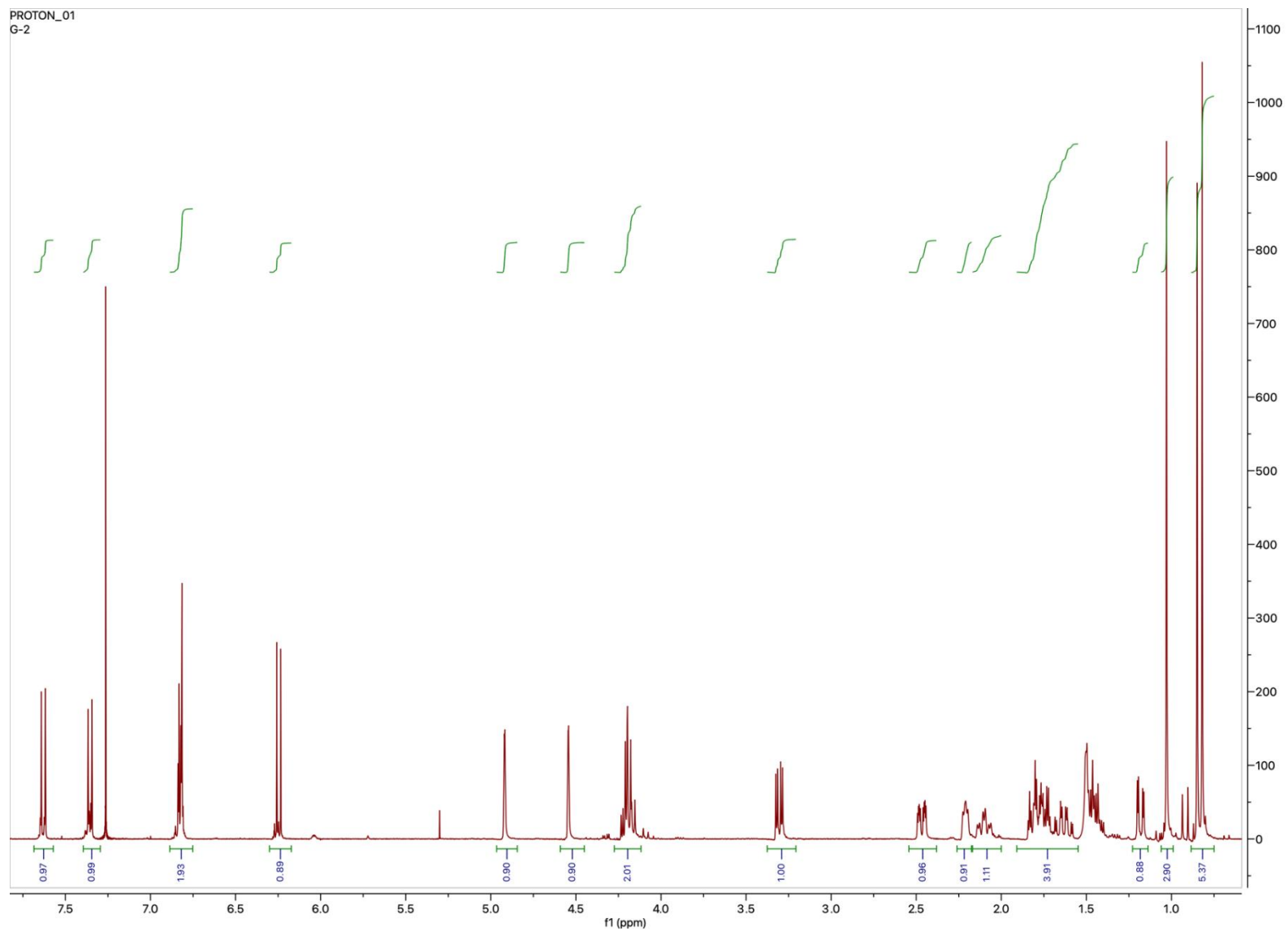


Figure S14: $^1\text{H-NMR}$ (500 MHz, CDCl_3) Spectrum of **5** (Colladonin)

