

Supporting Information

Frajunolides L-O, Four New 8-Hydroxybriarane Diterpenoids from the Gorgonian *Junceella fragilis*

**Chia-Ching Liaw^{1,2}, Yao-Haur Kuo³, Yun-Sheng Lin², Tsong-Long Hwang⁴, and
Ya-Ching Shen^{*,1}**

¹ School of Pharmacy, College of Medicine, National Taiwan University, Taipei 100, Taiwan, Republic of China; E-Mail: ycshen@ntu.edu.tw (Y.-C.S.); biogodas@hotmail.com (C.-C.L.)

² Department of Marine Biotechnology and Resources, National Sun Yat-Sen University, Kaohsiung 804, Taiwan, Republic of China; E-Mail: x00010106@meiho.edu.tw (Y.-S.L.)

³ National Research Institute of Chinese Medicine, Taipei 112, Taiwan, Republic of China; E-Mail: kuoyh@nricm.edu.tw (Y.-H.K.)

⁴ Graduate Institute of Natural Products, Chang Gung University, Taoyuan 333, Taiwan, Republic of China; E-Mail: htl@mail.cgu.edu.tw (T.-L.H.)

*Author to whom correspondence should be addressed; Tel.: +886-2-23123456, ext. 62226; Fax: +886-2-2391-9098. (School of Pharmacy, College of Medicine, National Taiwan University, Jen-Ai Rd. Sec. 1, Taipei 100, Taiwan, Republic of China)

List of Supporting Information

- Figure S1. ^1H NMR spectrum (400 MHz, CDCl_3) of frajunolide L (**1**)
- Figure S2. ^{13}C NMR spectrum (100 MHz, CDCl_3) of frajunolide L (**1**)
- Figure S3. ^1H NMR spectrum (400 MHz, CDCl_3) of frajunolide M (**2**)
- Figure S4. ^{13}C NMR spectrum (100 MHz, CDCl_3) of frajunolide M (**2**)
- Figure S5. ^1H NMR spectrum (400 MHz, $\text{pyridine-}d_5$) of frajunolide N (**3**)
- Figure S6. ^{13}C NMR spectrum (100 MHz, $\text{pyridine-}d_5$) of frajunolide N (**3**)
- Figure S7. ^1H NMR spectrum (400 MHz, $\text{pyridine-}d_5$) of frajunolide O (**4**)
- Figure S8. ^{13}C NMR spectrum (100 MHz, $\text{pyridine-}d_5$) of frajunolide O (**4**)

Figure S1. ^1H NMR (400 MHz, CDCl_3) of frajunolide L (1)

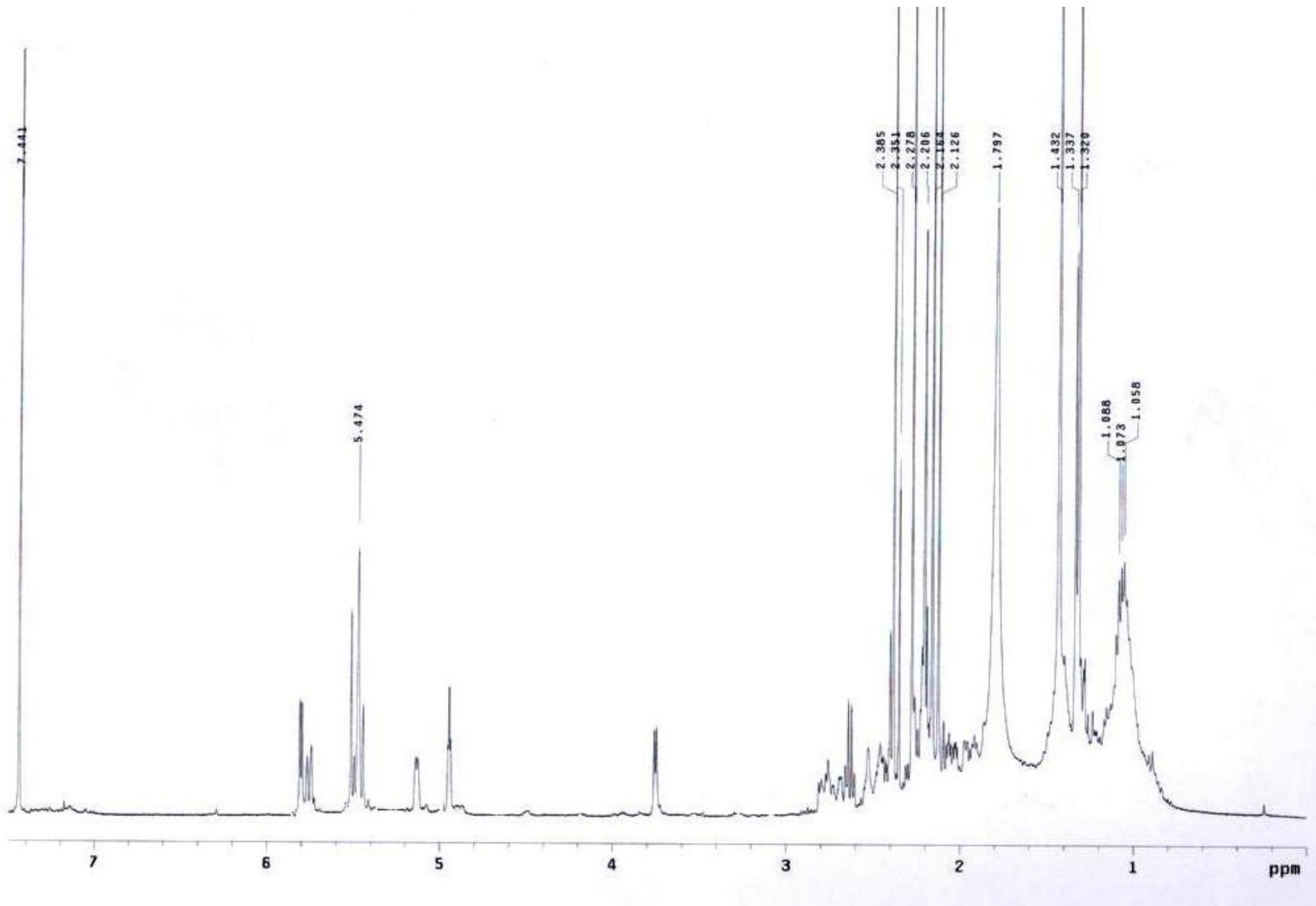


Figure S2. ^{13}C NMR (100 MHz, CDCl_3) of frajunolide L (1)

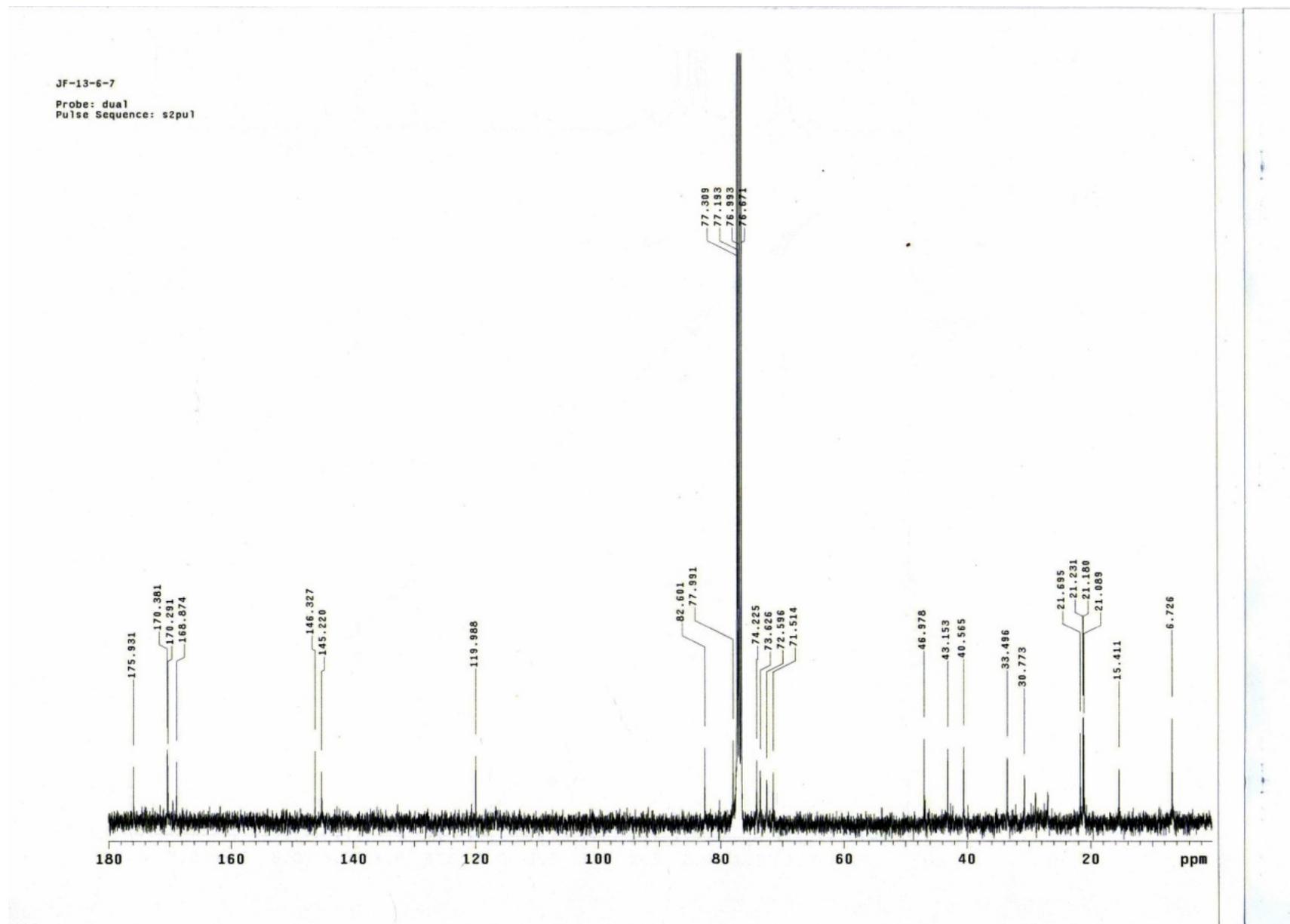


Figure S3. ^1H NMR (400 MHz, CDCl_3) of frajunolide M (2)

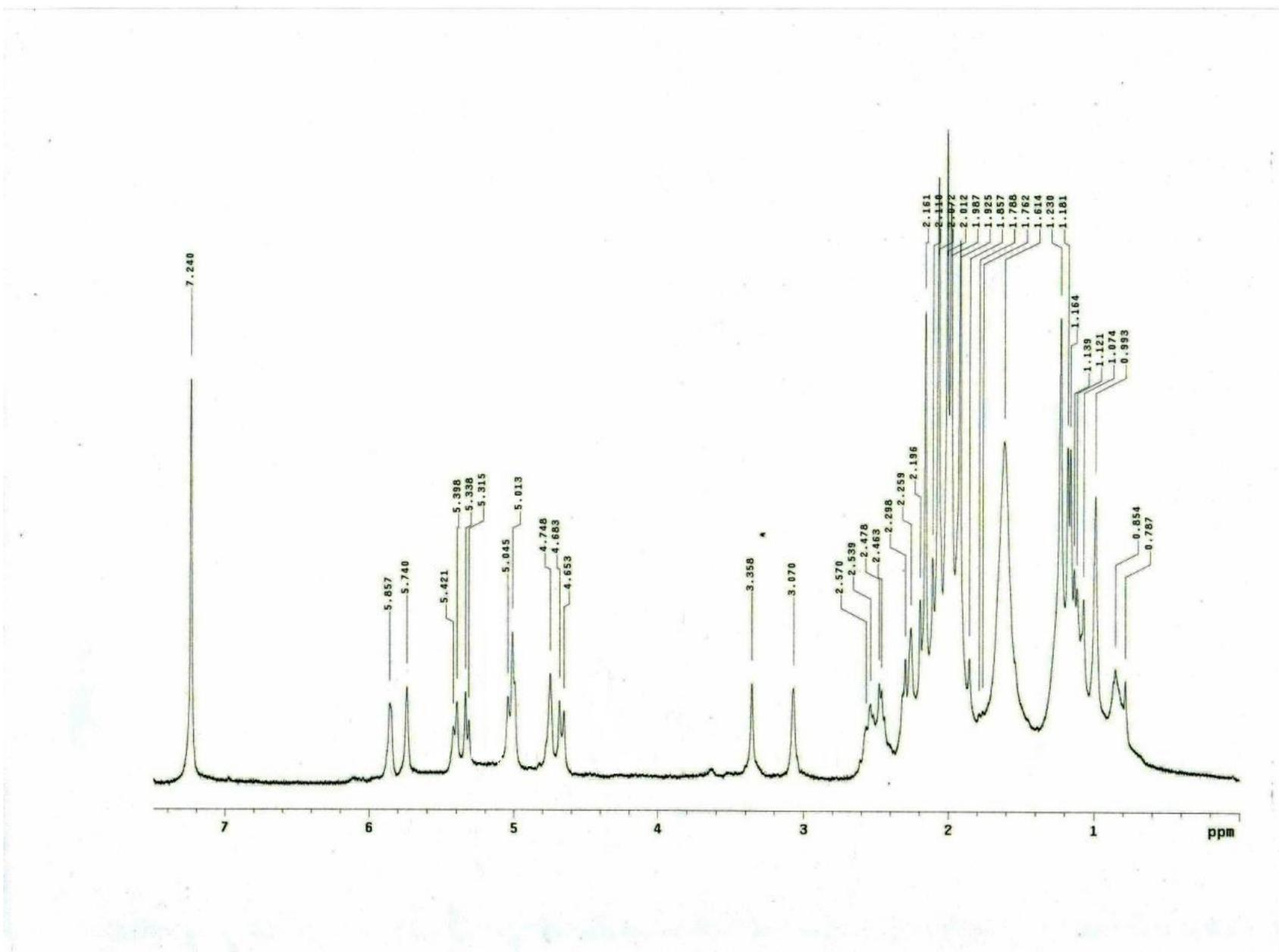


Figure S4. ^{13}C NMR (100 MHz, CDCl_3) of frajunolide M (2)

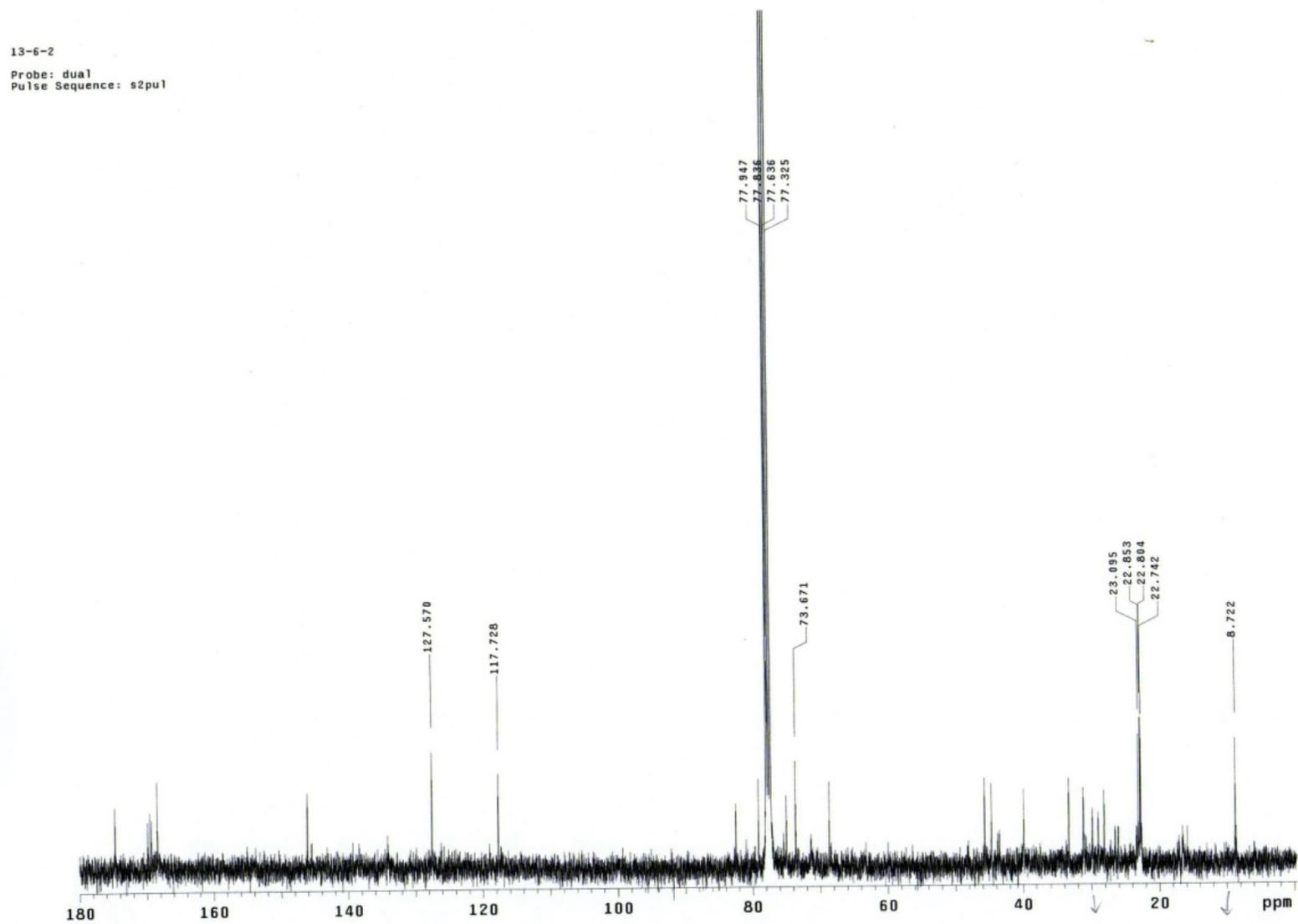


Figure S5. ^1H NMR (400 MHz, pyridine- d_5) of frajunolide N (**3**)

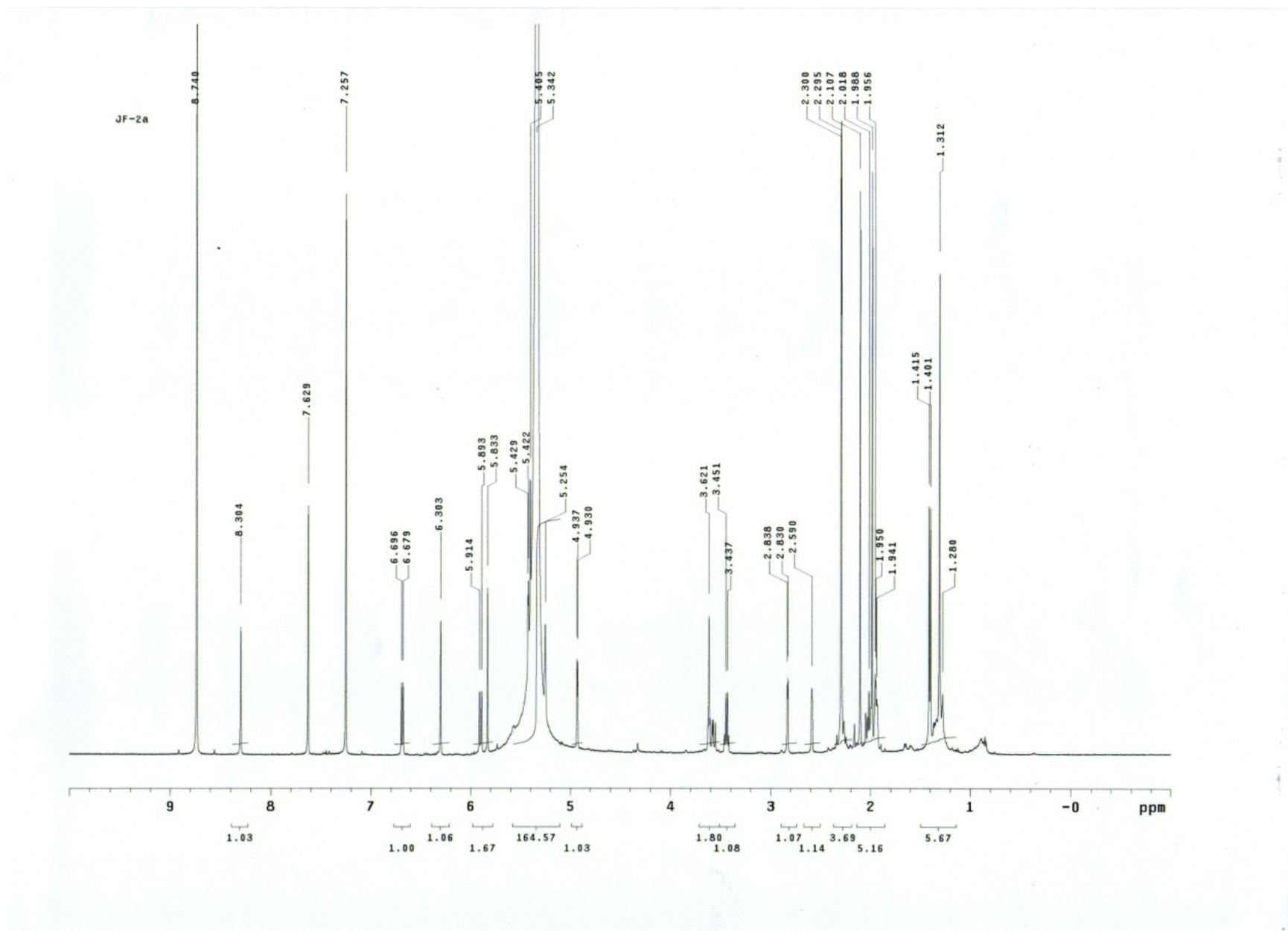


Figure S6. ^{13}C NMR (300 MHz, pyridine- d_5) of C frajunolide N (3)

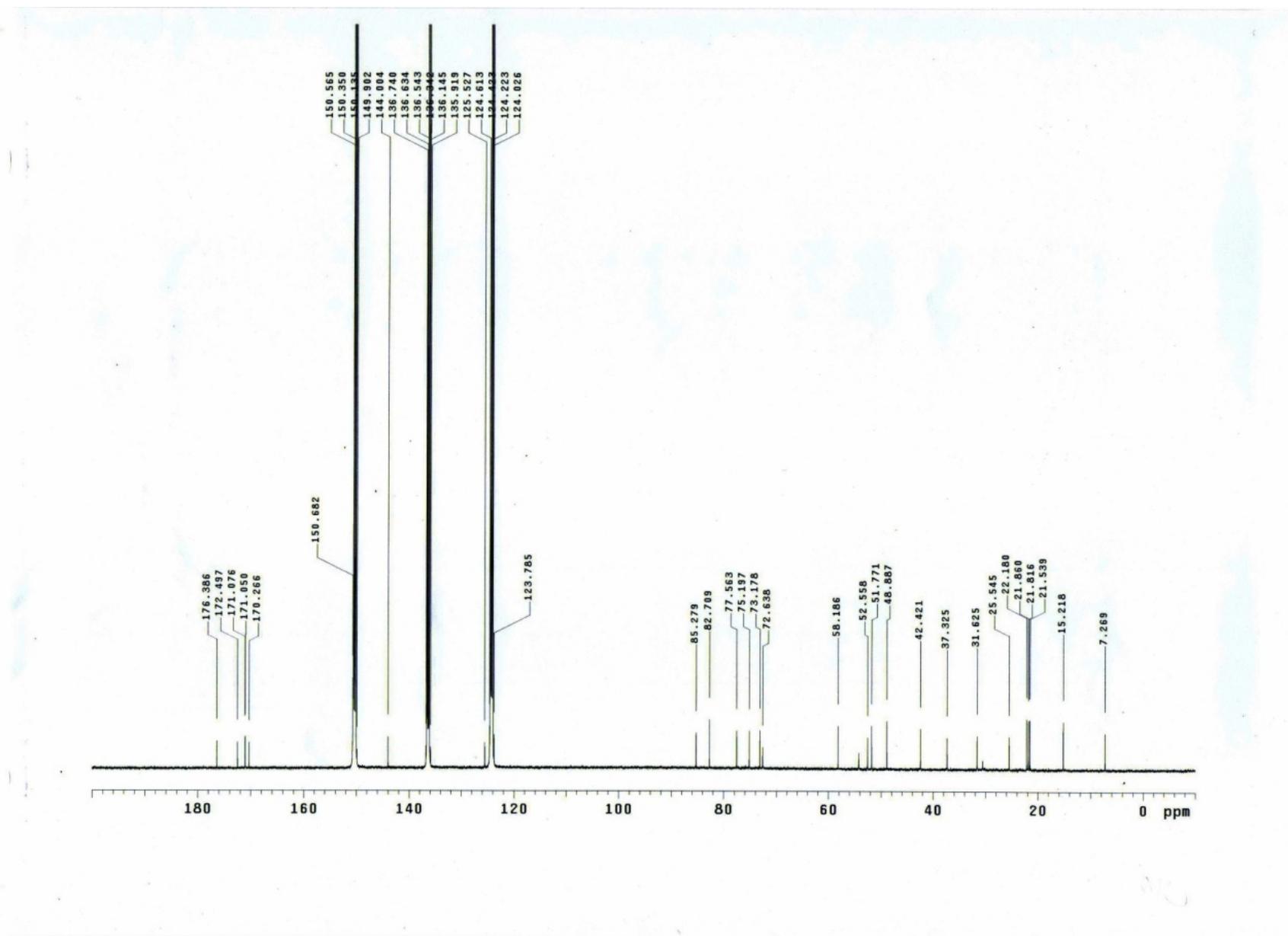


Figure S7. ^1H NMR (400 MHz, pyridine- d_5) of frajunolide O (4)

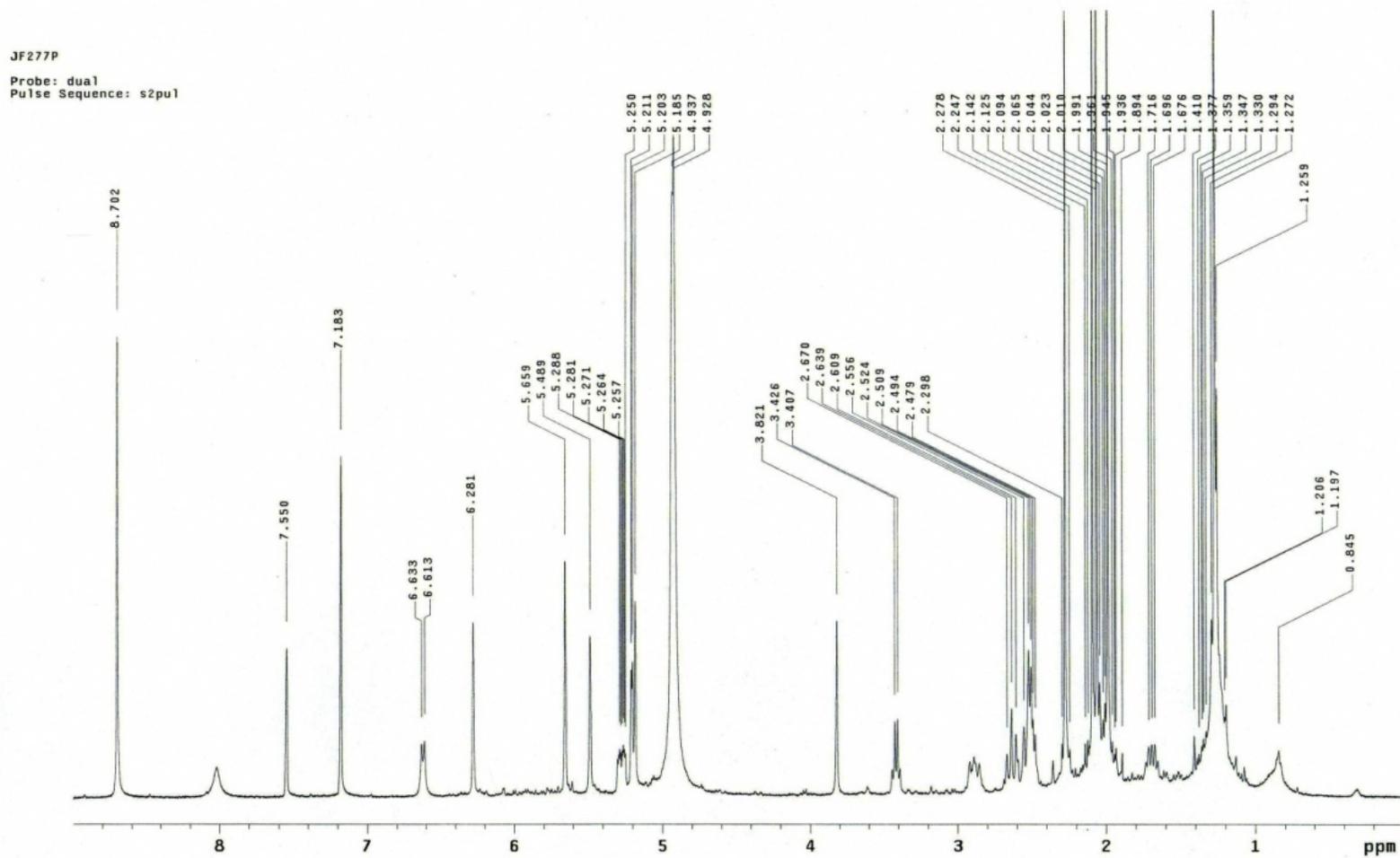


Figure S8. ^{13}C NMR (300 MHz, pyridine- d_5) of frajunolide O (4)

