

SUPPORTING INFORMATION

TWO NEW PHENOLIC GLUCOSIDES FROM *HELICIOPSIS TERMINALIS* TRUNK EXTRACT.

Charinrat Saechan,^{a,b} Uyen Hoang Nguyen,^c Zhichao Wang,^c Sachiko Sugimoto,^c Yoshi Yamano,^c Supinya Thanapongpichat,^a Katsuyoshi Matsunami,^c Hideaki Otsuka,^d Giang Minh Phan,^e Viet Hung Pham,^f Natakorn Nokchan,^g Jisnuson Svasti,^h Hansuk Buncherd,^{a,h,*} and Jasadee Kaewsrichan^{b,*}

Author's address and e-mail address : ^a Faculty of Medical Technology, Prince of Songkla University, Songkhla 90110, Thailand. ^b Department of Pharmaceutical Chemistry and Drug Delivery System Excellence Center, Faculty of Pharmaceutical Sciences, Prince of Songkla University, Songkhla 90110, Thailand. ^c Graduate School of Biomedical and Health Sciences, Hiroshima University, Hiroshima 739-0046, Japan. ^d Faculty of Pharmacy, Yasuda Women's University, Hiroshima 731-0153, Japan. ^e Faculty of Chemistry, VNU University of Science, Vietnam National University, Hanoi, Vietnam. ^f Research Center for Environmental Technology and Sustainable Development, VNU University of Science, Vietnam National University, Hanoi, Vietnam. ^g Department of Microbiology, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok 10700, Thailand. ^h Laboratory of Biochemistry, Chulabhorn Research Institute, Bangkok 10210, Thailand.

E-mail: hansuk.bu@psu.ac.th, jasadee.k@psu.ac.th

Content

Figure S1. ¹ H NMR (600 MHz, CD ₃ OD) spectrum of 1	2
Figure S2. ¹³ C NMR (150 MHz, CD ₃ OD) spectrum of 1	2
Figure S3. DEPT 135° spectrum of 1 (600 MHz, CD ₃ OD)	3
Figure S4. ¹ H- ¹ H COSY spectrum of 1 (600 MHz, CD ₃ OD)	3
Figure S5. HSQC spectrum of 1 (600 MHz, CD ₃ OD)	4
Figure S6. HMBC spectrum (600 MHz, CD ₃ OD) and correlation of 1	4
Figure S7. ¹ H NMR (600 MHz, CD ₃ OD) spectrum of 2	5
Figure S8. ¹³ C NMR (150 MHz, CD ₃ OD) spectrum of 2	5
Figure S9. DEPT 135° spectrum of 2 (600 MHz, CD ₃ OD)	6
Figure S10. ¹ H- ¹ H COSY spectrum of 2 (600 MHz, CD ₃ OD)	6
Figure S11. HSQC spectrum of 2 (600 MHz, CD ₃ OD)	7
Figure S12. HMBC spectrum (600 MHz, CD ₃ OD) and correlation of 2	7

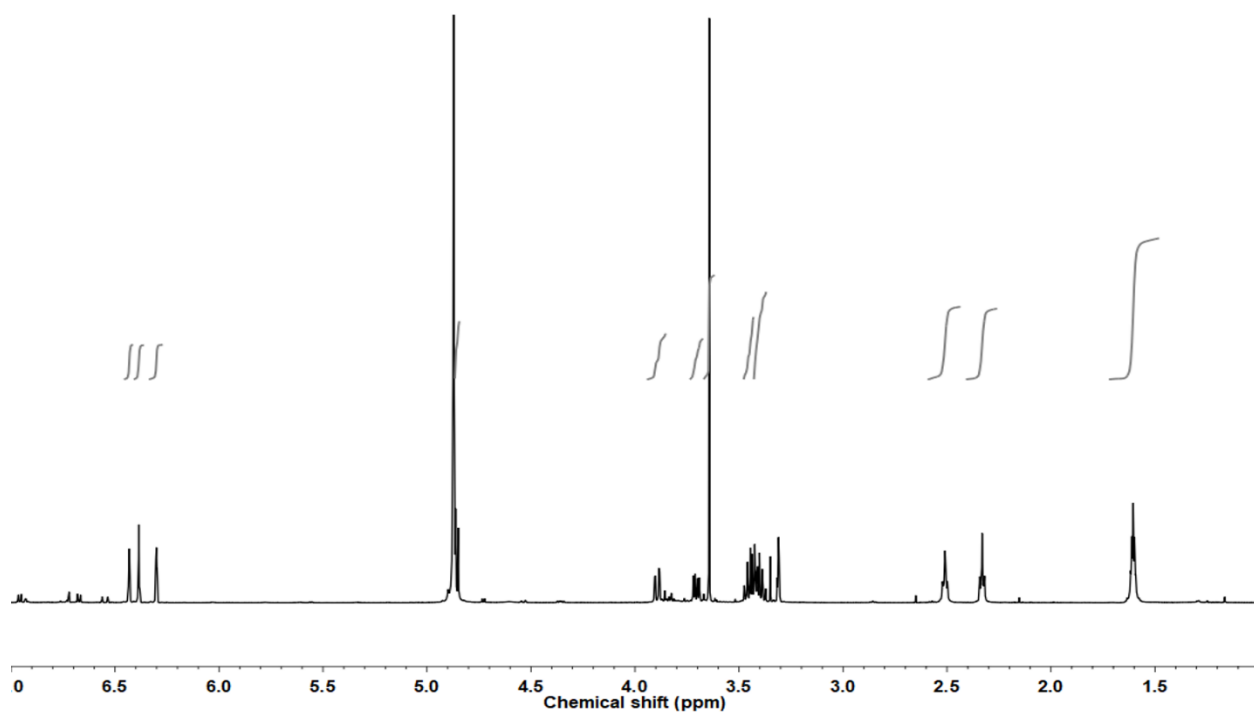


Figure S1. ^1H NMR (600 MHz, CD_3OD) spectrum of **1**

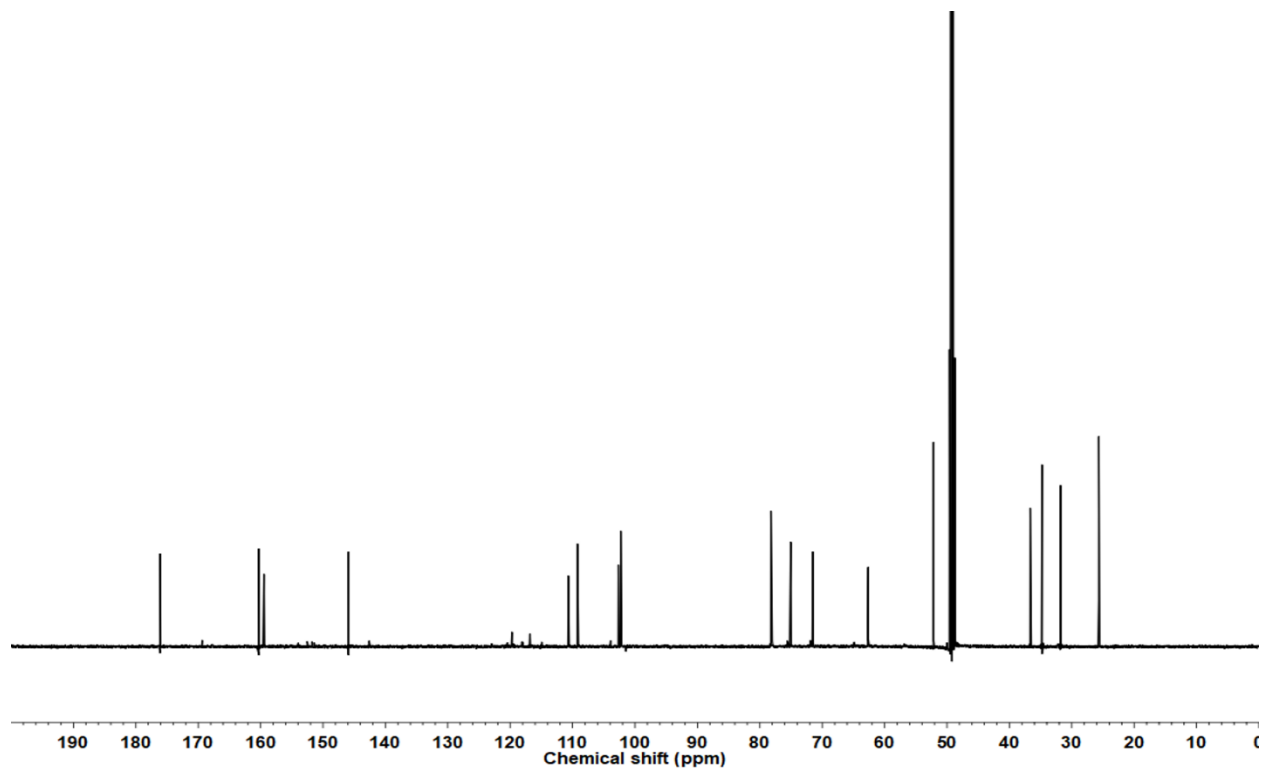


Figure S2. ^{13}C NMR (150 MHz, CD_3OD) spectrum of **1**

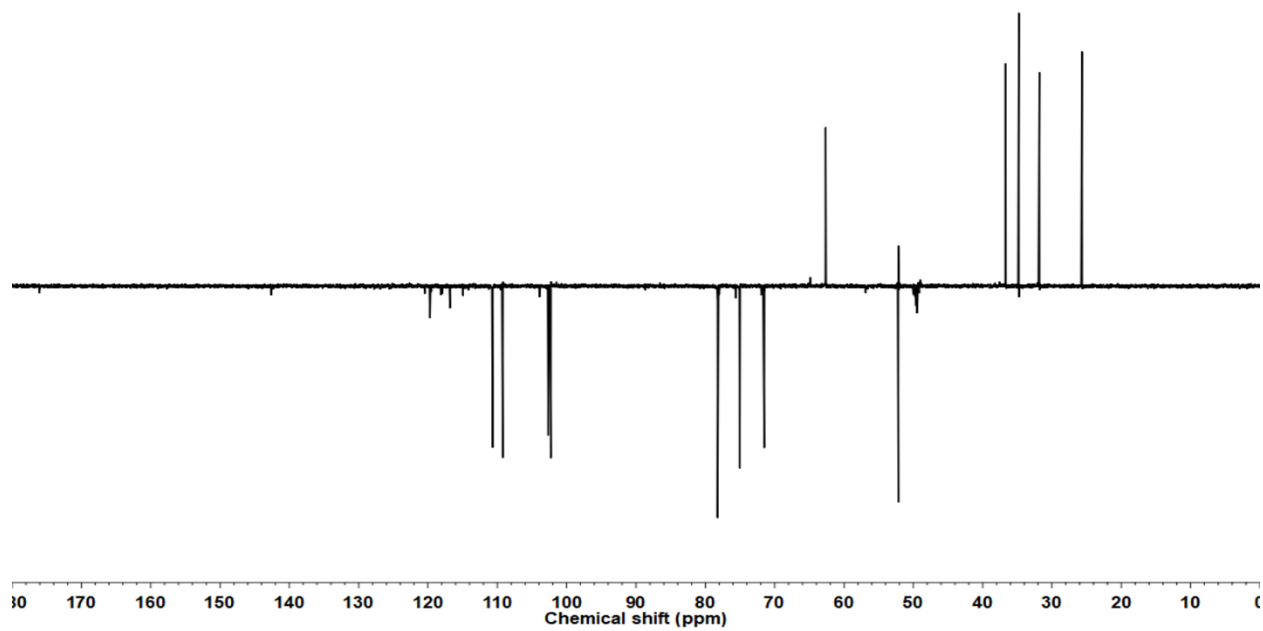


Figure S3. DEPT 135° spectrum of **1** (600 MHz, CD₃OD)

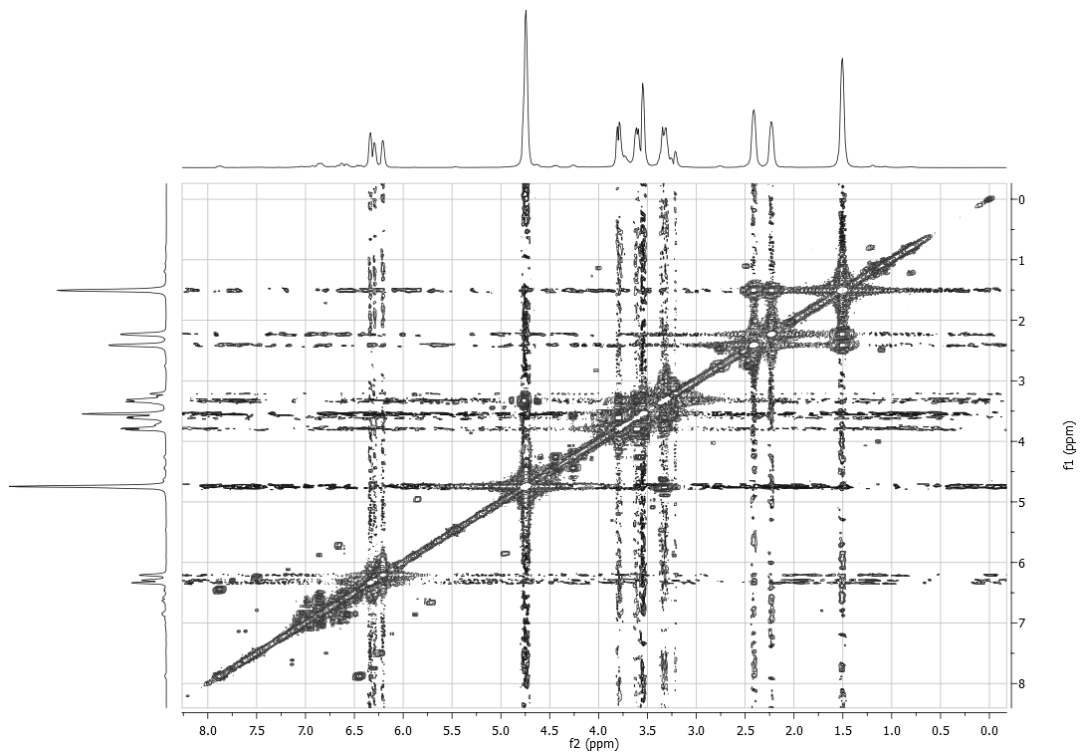


Figure S4. ¹H-¹H COSY spectrum of **1** (600 MHz, CD₃OD)

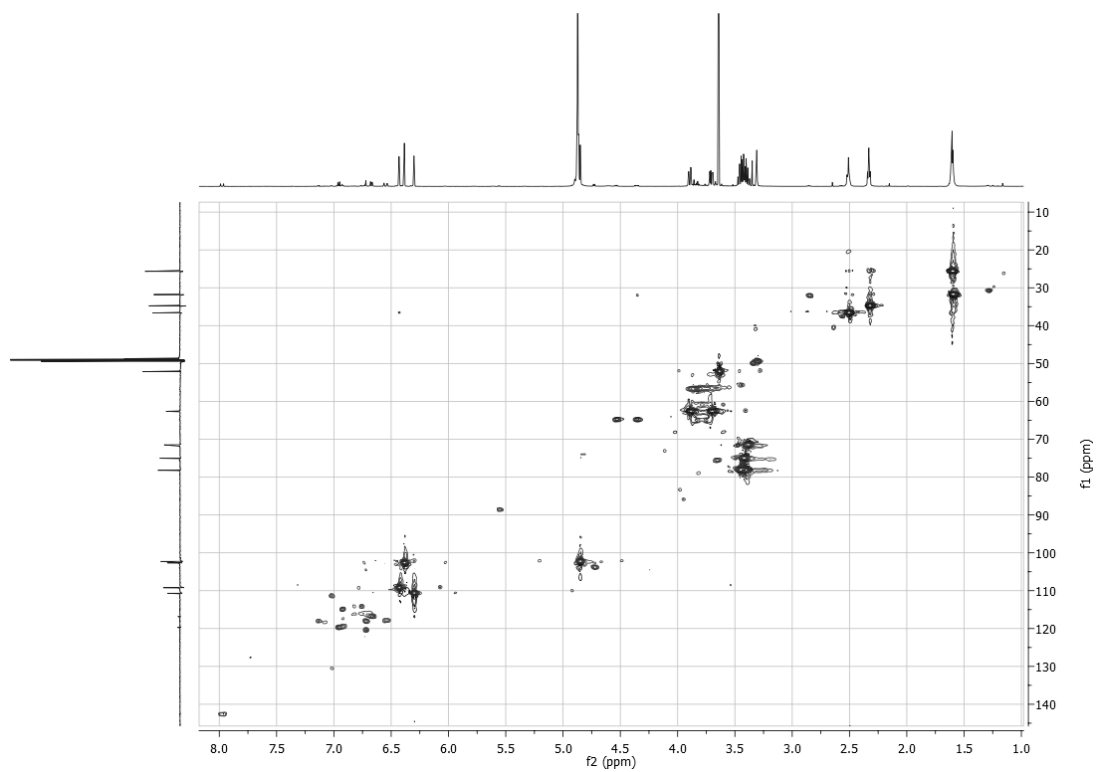


Figure S5. HSQC spectrum of **1** (600 MHz, CD₃OD)

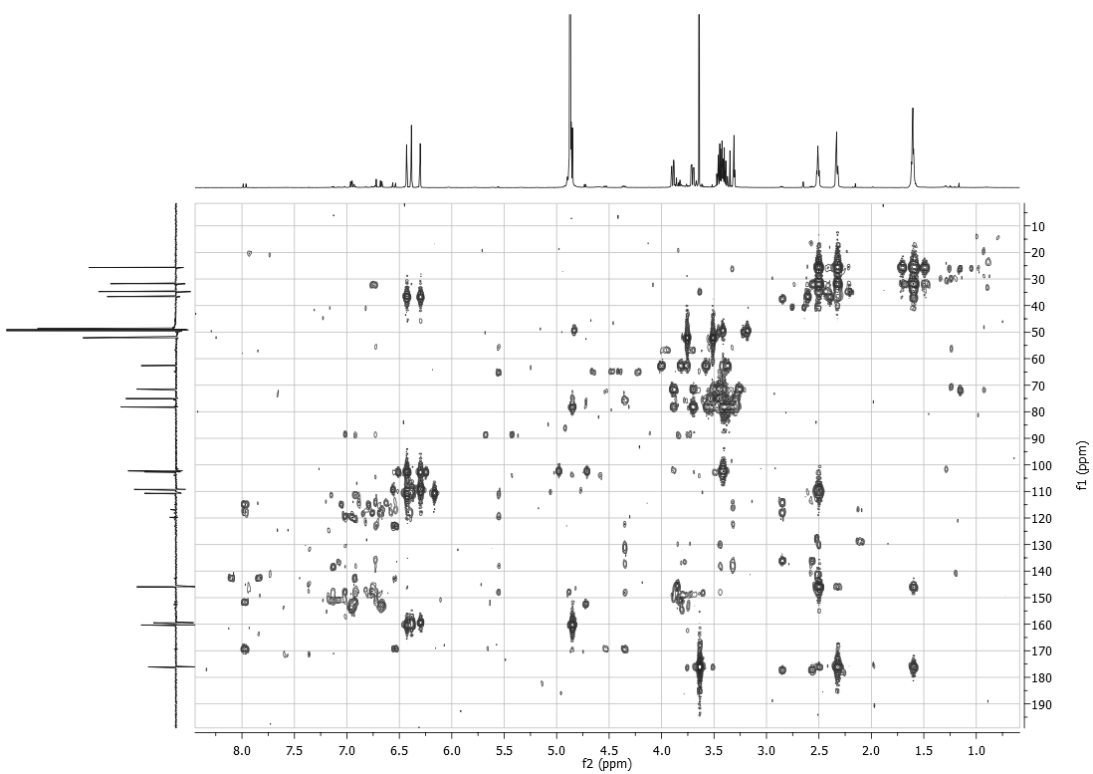


Figure S6. HMBC spectrum (600 MHz, CD₃OD) and correlation of **1**

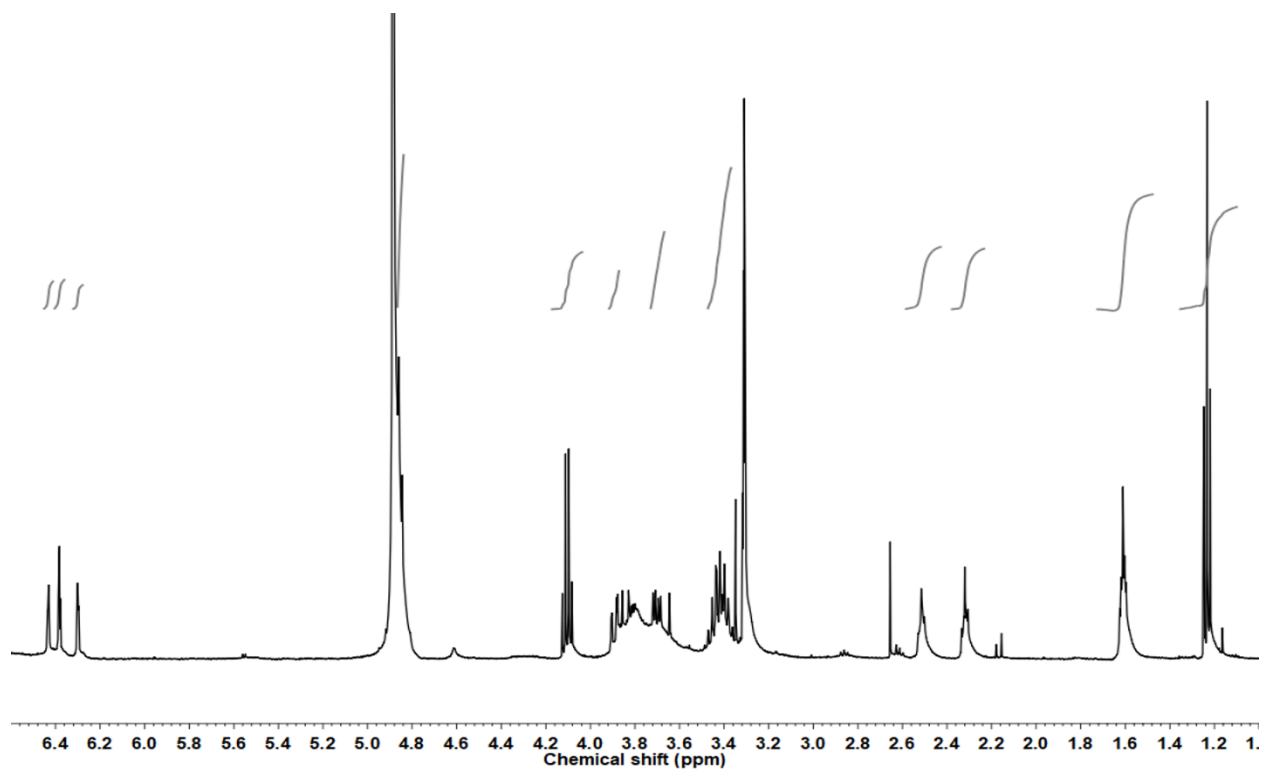


Figure S7. ^1H NMR (600 MHz, CD_3OD) spectrum of **2**

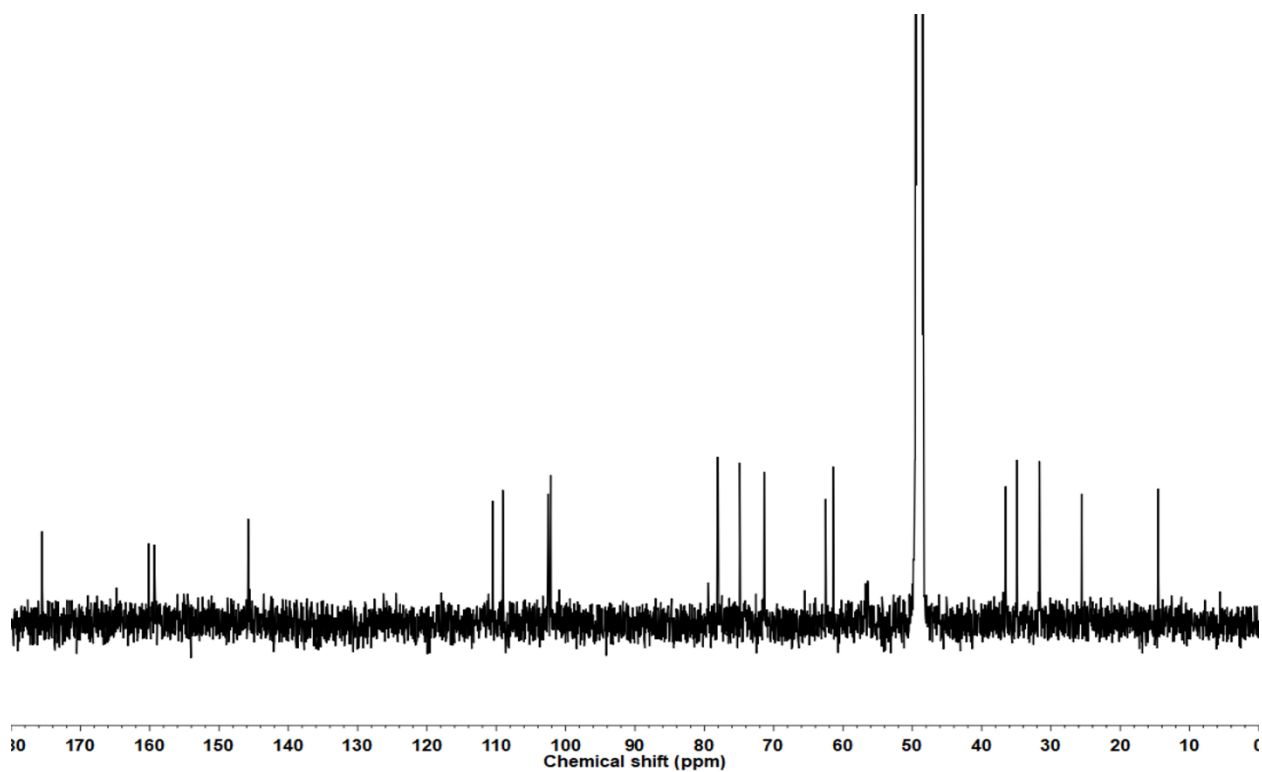


Figure S8. ^{13}C NMR (150 MHz, CD_3OD) spectrum of **2**

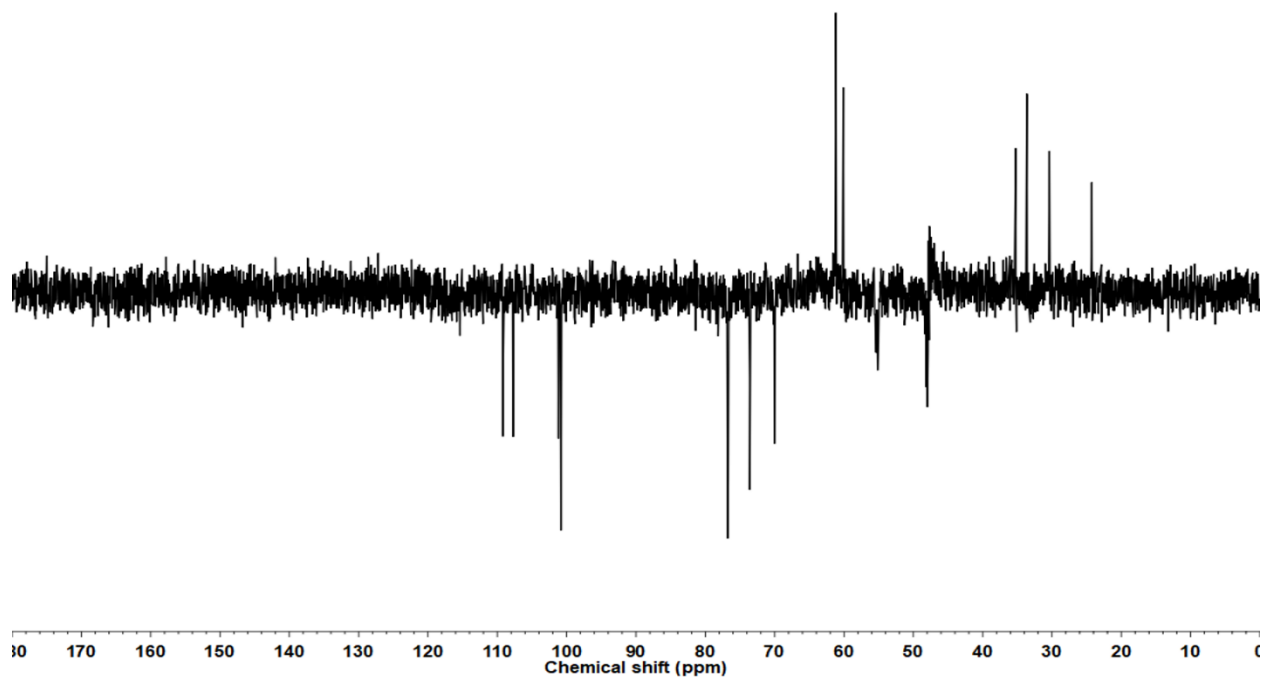


Figure S9. DEPT 135° spectrum of **2** (600 MHz, CD₃OD)

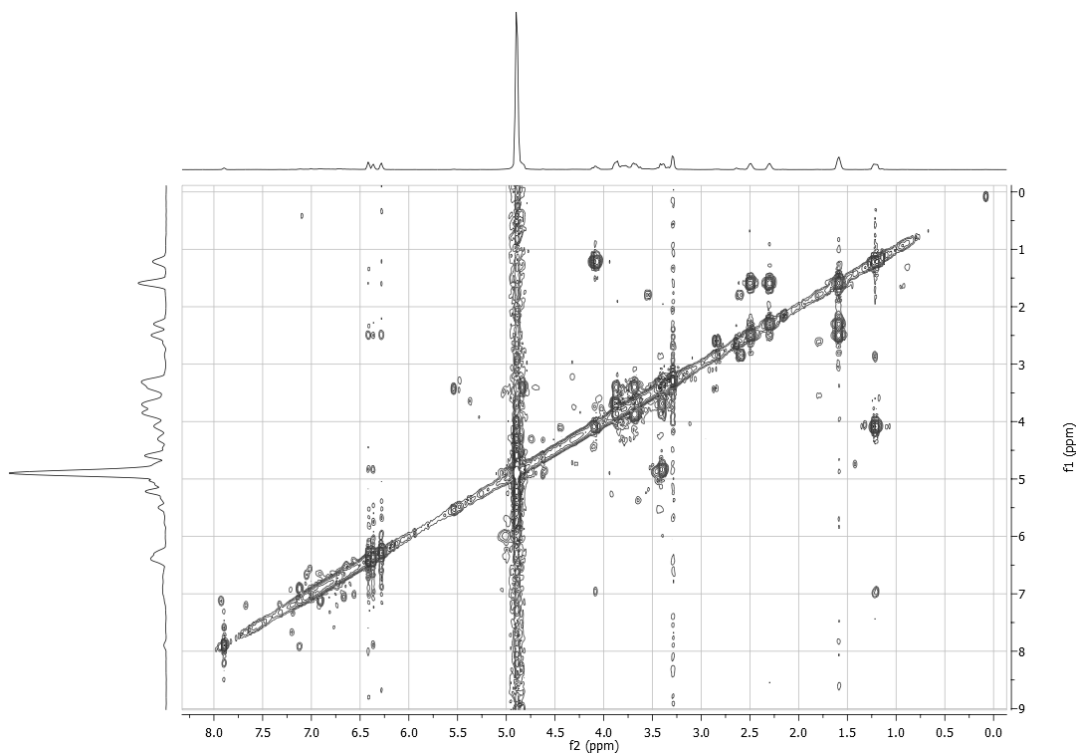


Figure S10. ¹H-¹H COSY spectrum of **2** (600 MHz, CD₃OD)

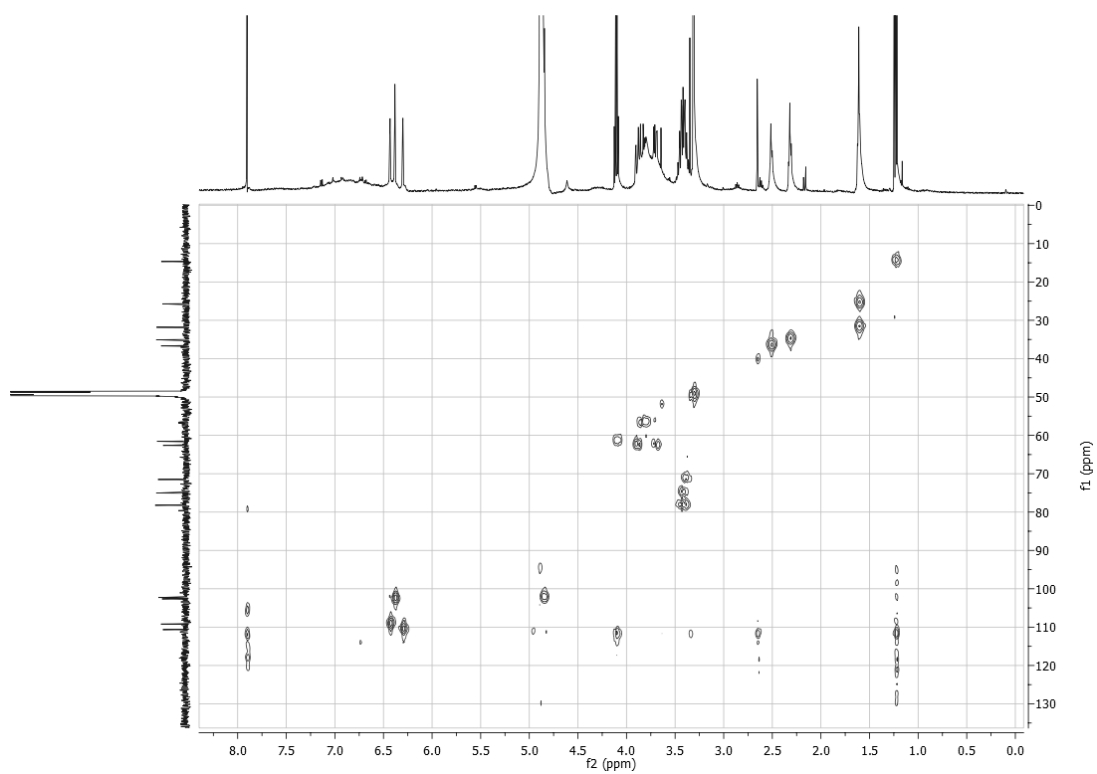


Figure S11. HSQC spectrum of **2** (600 MHz, CD_3OD)

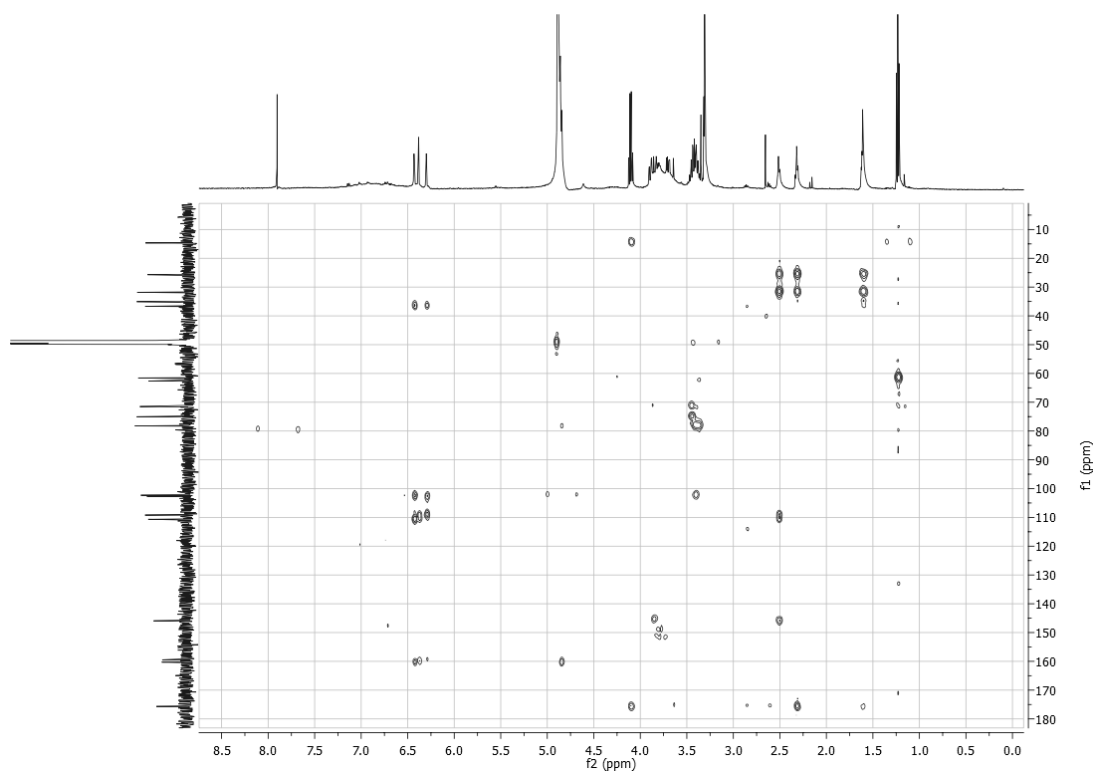


Figure S12. HMBC spectrum (600 MHz, CD_3OD) and correlation of **2**