Supplementary Data

New antifeedant grayanane diterpenoids from the flowers of $\it Pieris$

Formosa

Chun-Huan Li¹, Shi-Hong Luo², Sheng-Hong Li, ^{2,*} and Jin-Ming Gao^{1,*}

- ¹ Shanxi Key Labotory of Natural Products & Chemical Biology, College of Chemistry & Pharmacy, Northwest A&F University, Yangling 712100, People's Republic of China
- ² State Key Laboratory of Phytochemistry and Plant Resources in West China, Kunming Institute of Botany, Chinese Academy of Sciences, Lanhei Road 132, Kunming 650201, People's Republic of China
- * Correspondence: jinminggao@nwsuaf.edu.cn(J.M.G.); Tel.: +86-29-87092515; shli@mail.kib.ac.cn (S.-H. Li).Tel/Fax: +86 871 65223035.

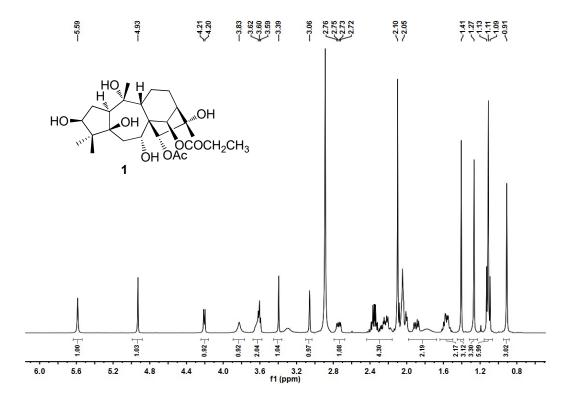


Figure S1. ¹H spectrum of PierisoidC (1) in acetone-d₆

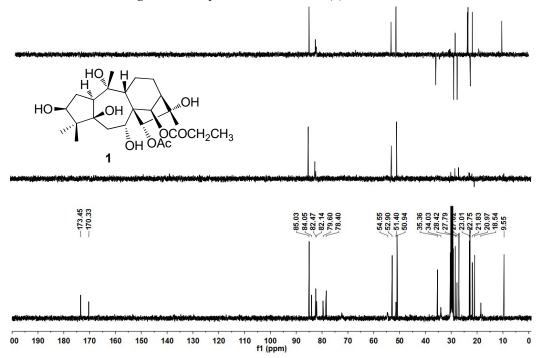


Figure S2. 13 C NMR spectrum of Pierisoid C (1) in acetone- d_6

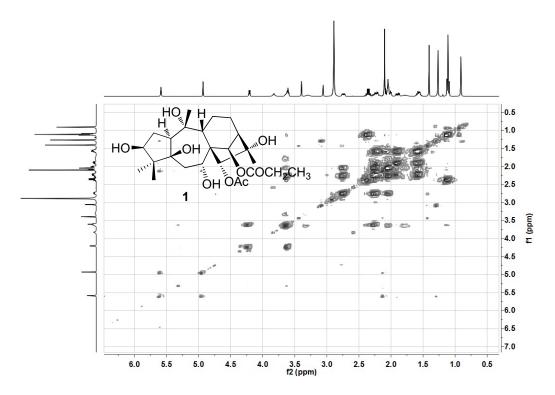


Figure S3. ${}^{1}\text{H-}{}^{1}\text{H COSY}$ spectrum of Pierisoid C (1) in acetone- d_{6}

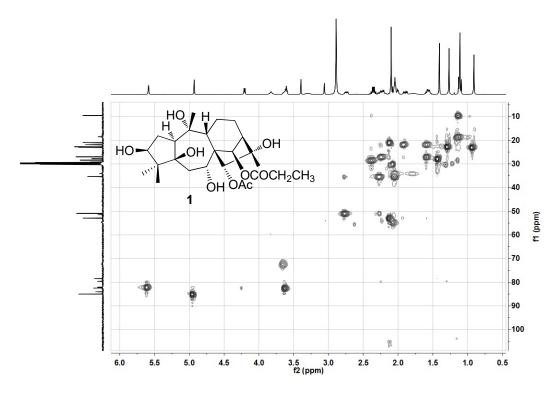


Figure S4. HSQC spectrum of Pierisoid C (1) in acetone- d_6

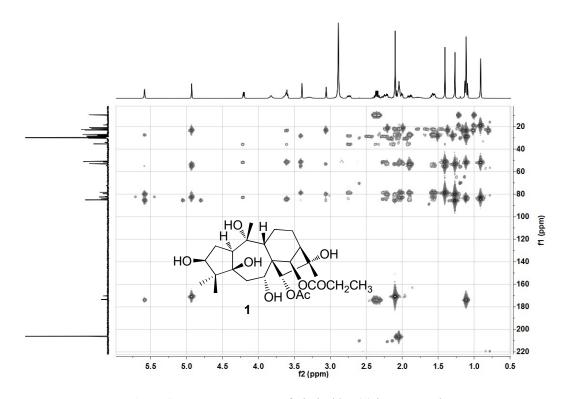


Figure S5. HMBC spectrum of Pierisoid C (1) in acetone- d_6

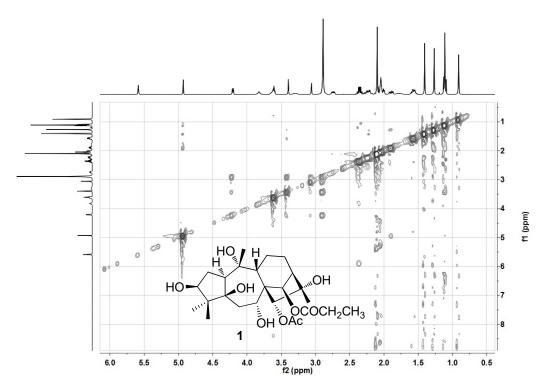


Figure S6. ROESY spectrum of Pierisoid C (1) in acetone- d_6

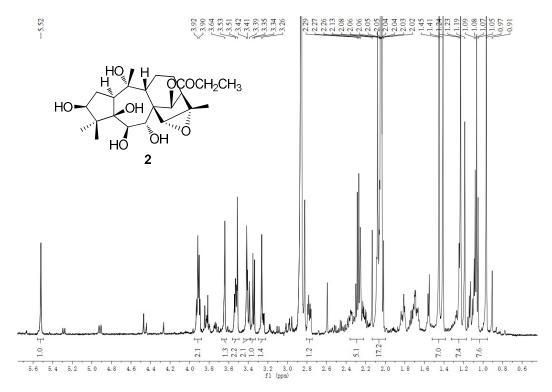


Figure S7. 1 H spectrum of Pierisoid D (2) in acetone- d_{6}

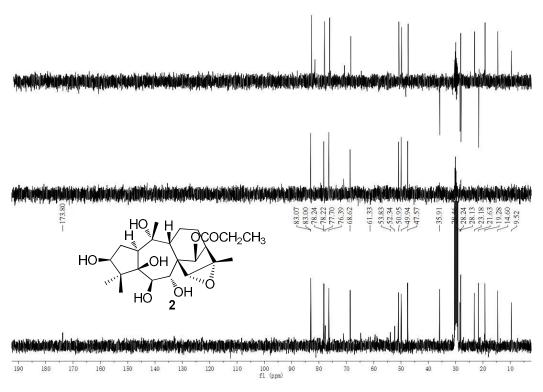


Figure S8. 13 C NMR spectrum of Pierisoid D (2) in acetone- d_6

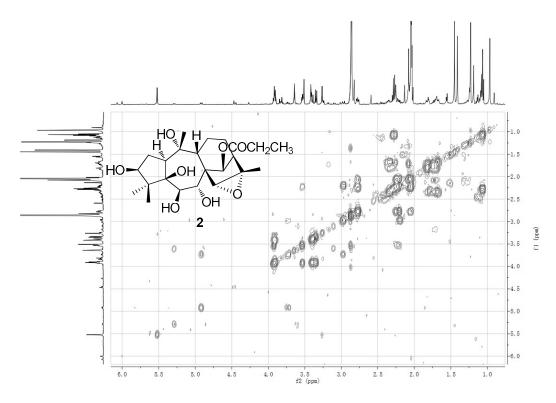


Figure S9. ${}^{1}\text{H}-{}^{1}\text{H}$ COSY spectrum of Pierisoid D (2) in acetone- d_{6}

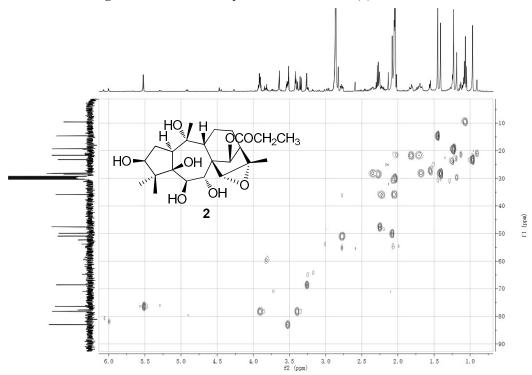


Figure S10. HSQC spectrum of Pierisoid D (2) in acetone- d_6

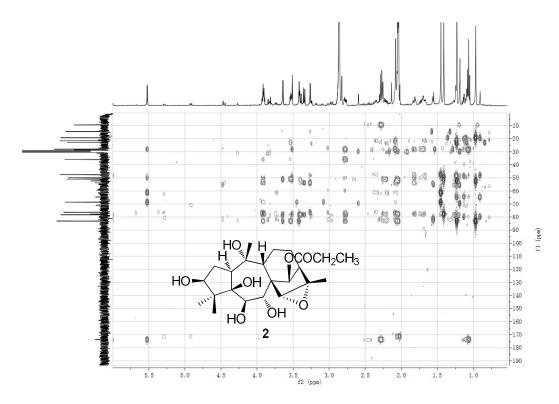


Figure S11. HMBC spectrum of Pierisoid D (2) in acetone- d_6

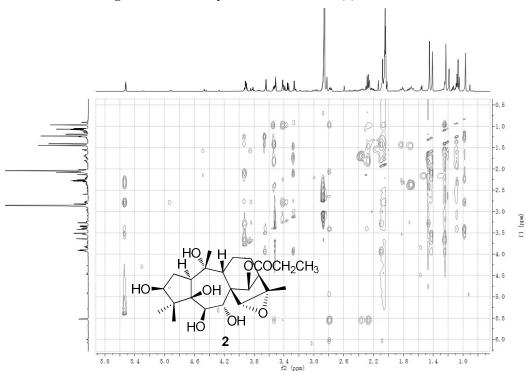


Figure S12. ROESY spectrum of Pierisoid D (2) in acetone- d_6

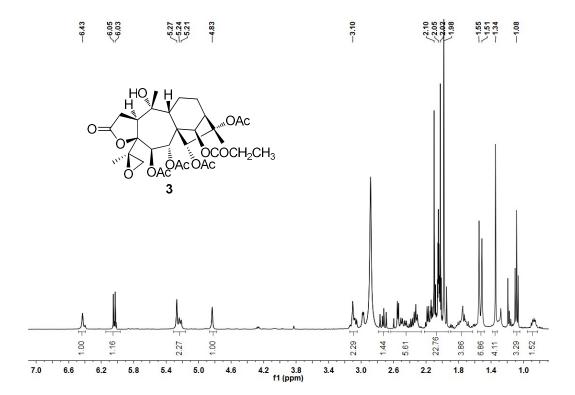


Figure S13. 1 H spectrum of Pierisoid E (3) in acetone- d_6

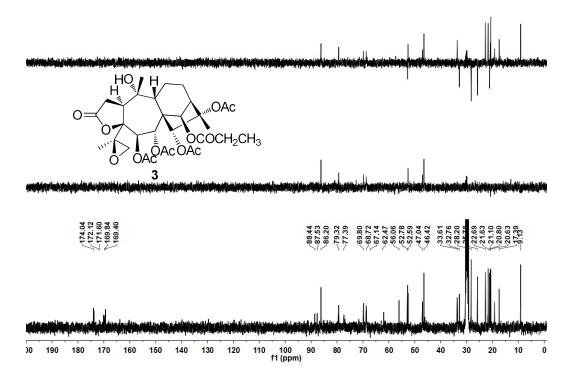


Figure S14. 13 C NMR spectrum of Pierisoid E (3) in acetone- d_6

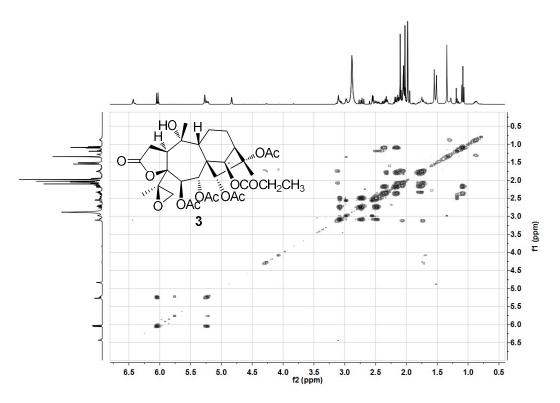


Figure S15. ${}^{1}\text{H-}{}^{1}\text{H COSY}$ spectrum of Pierisoid E (3) in acetone- d_{6}

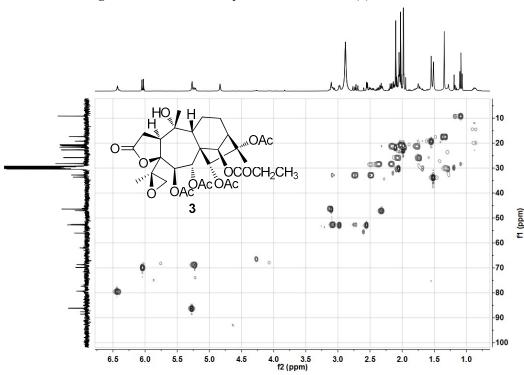


Figure S16. HSQC spectrum of Pierisoid E (3) in acetone- d_6

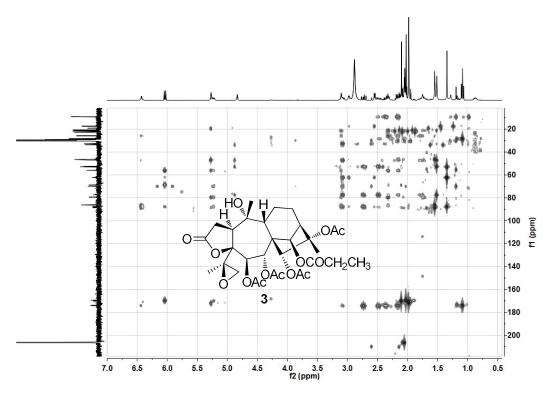


Figure S17. HMBC spectrum of Pierisoid E (3) in acetone- d_6

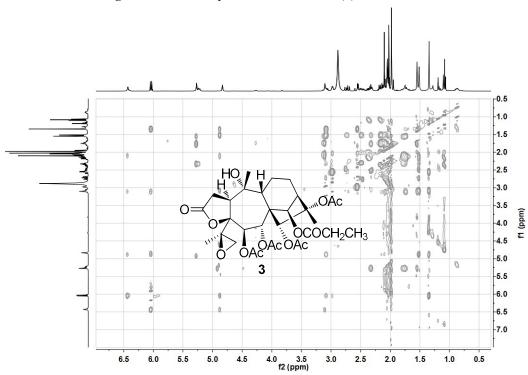


Figure S18. ROESY spectrum of Pierisoid E (3) in acetone- d_6