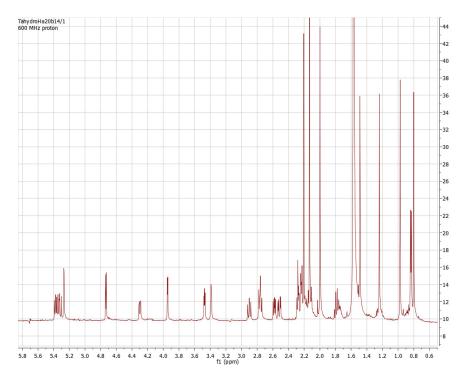
## Supporting Information for

## **Hydrolysis Reactions of the Taccalonolides Reveal Structure Activity Relationships**

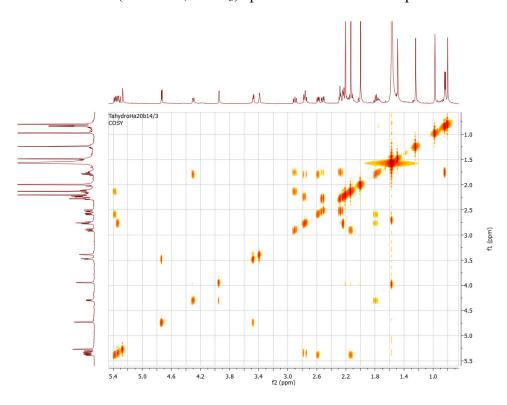
Jing Li, †‡ Jiangnan Peng, †‡ April L. Risinger, †‡ and Susan L. Mooberry

<sup>†</sup>Department of Pharmacology, <sup>‡</sup>Cancer Therapy & Research Center, University of Texas Health Science Center at San Antonio, Texas, 78229, USA

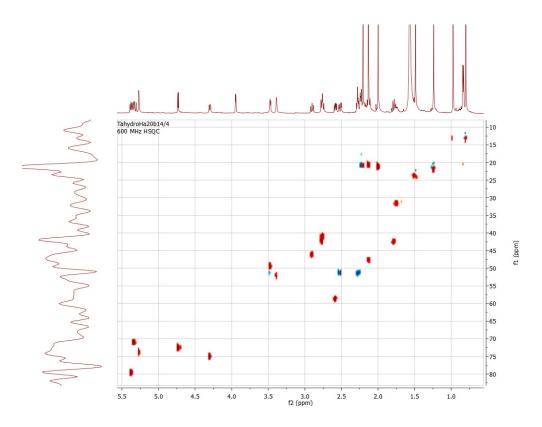
Mooberry@uthscsa.edu



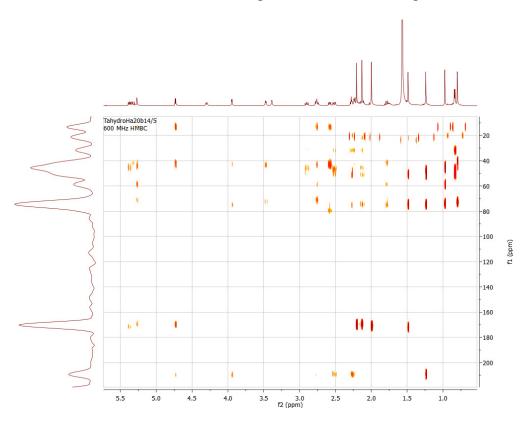
S1.  $^{1}\text{H}$  NMR (600 MHz, CDCl3) spectrum of the new compound 1



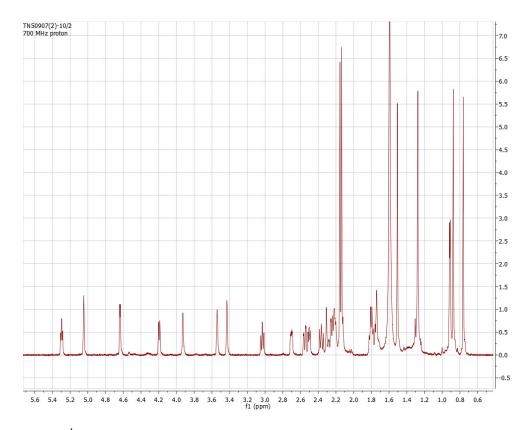
S2. COSY (600 MHz, CDCl<sub>3</sub>) spectrum of the new compound 1



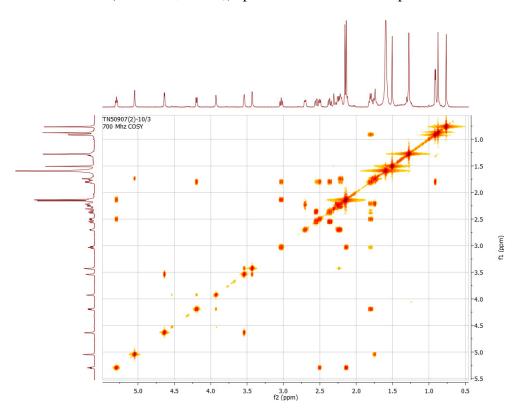
S3. HSQC (600 MHz, CDCl<sub>3</sub>) spectrum of the new compound 1



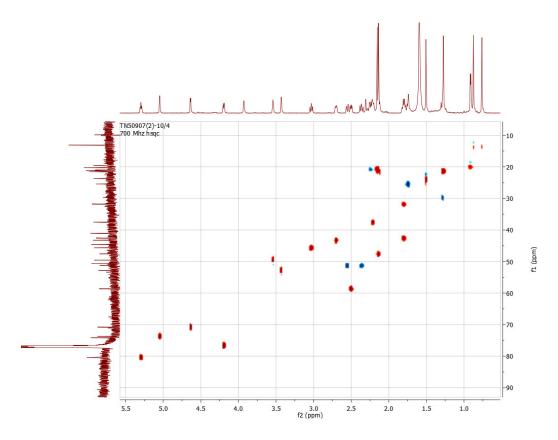
S4. HMBC (600 MHz, CDCl<sub>3</sub>) spectrum of the new compound 1



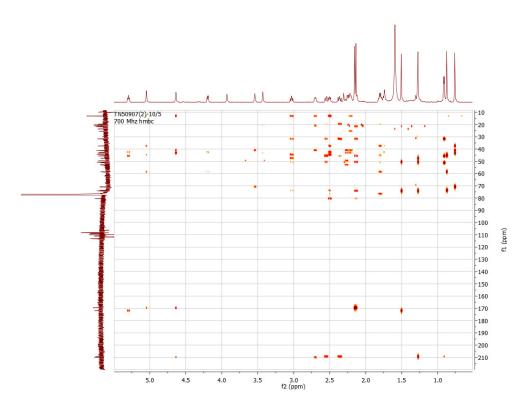
S5. <sup>1</sup>H NMR (700 MHz, CDCl<sub>3</sub>) spectrum of the new compound **2** 



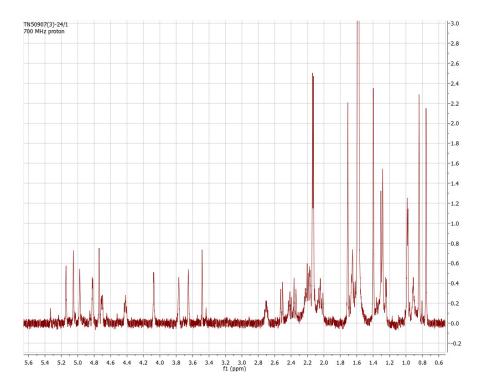
S6. COSY (700 MHz, CDCl $_3$ ) spectrum of the new compound  ${\bf 2}$ 



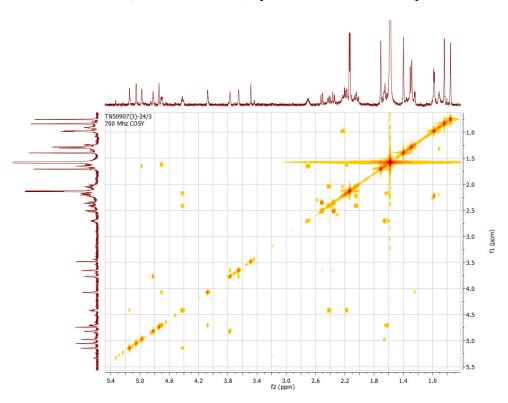
S7. HSQC (700 MHz, CDCl<sub>3</sub>) spectrum of the new compound 2



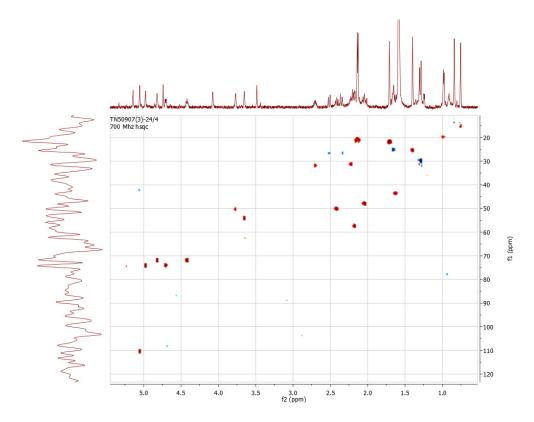
S8. HMBC (700 MHz, CDCl<sub>3</sub>) spectrum of the new compound 2



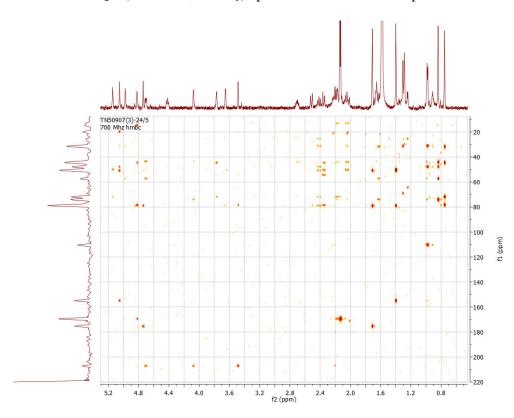
S9. <sup>1</sup>H NMR (700 MHz, CDCl<sub>3</sub>) spectrum of the new compound **3** 



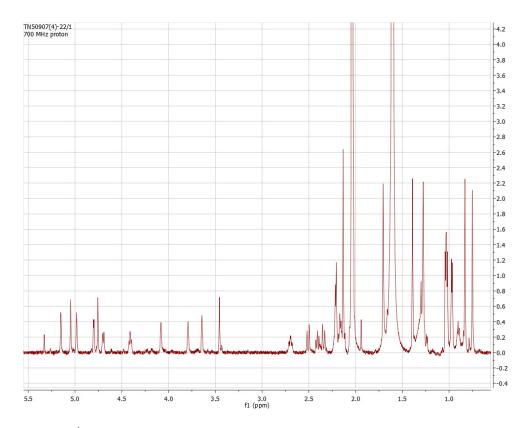
S10. COSY (700 MHz, CDCl $_3$ ) spectrum of the new compound  ${\bf 3}$ 



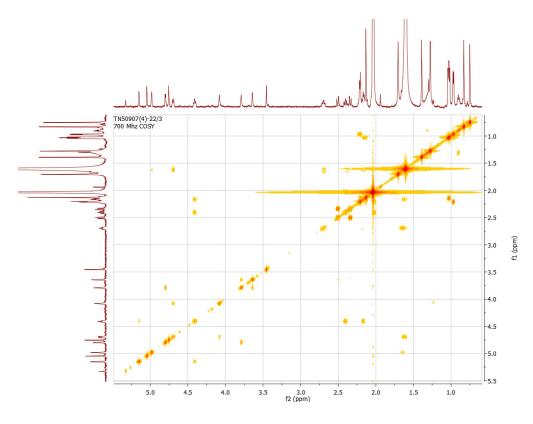
S11. HSQC (700 MHz, CDCl $_3$ ) spectrum of the new compound  ${\bf 3}$ 



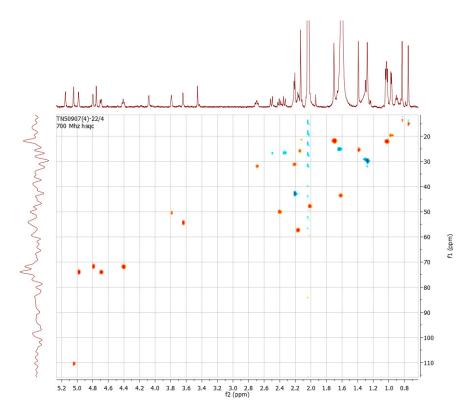
S12. HMBC (700 MHz, CDCl<sub>3</sub>) spectrum of the new compound 3



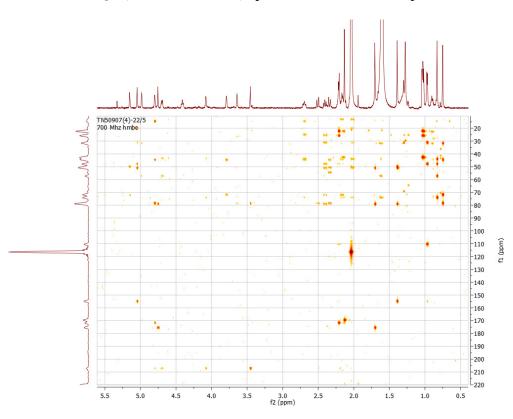
S13. <sup>1</sup>H NMR (700 MHz, CDCl<sub>3</sub>) spectrum of the new compound **4** 



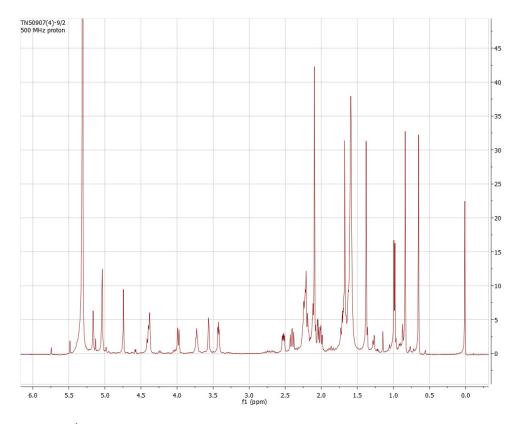
S14. COSY (700 MHz, CDCl $_3$ ) spectrum of the new compound  ${\bf 4}$ 



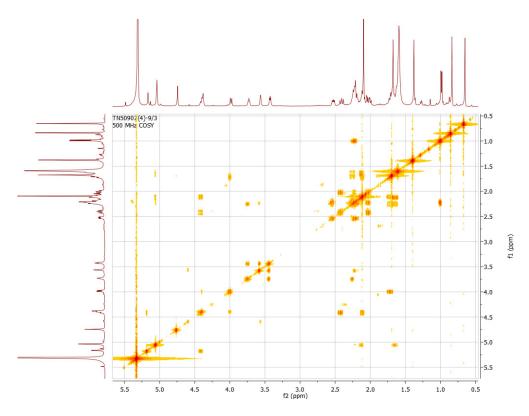
S15. HSQC (700 MHz, CDCl<sub>3</sub>) spectrum of the new compound 4



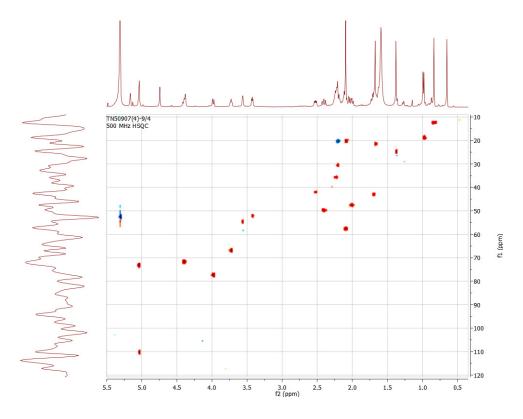
S16. HMBC (700 MHz, CDCl<sub>3</sub>) spectrum of the new compound 4



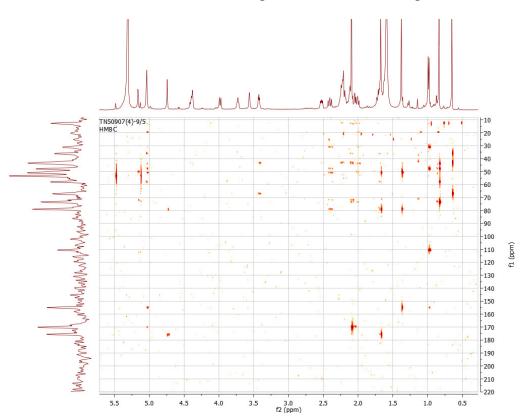
S17.  $^{1}$ H NMR (500 MHz, CDCl<sub>3</sub>) spectrum of the new compound  $\mathbf{5}$ 



S18. COSY (500 MHz, CDCl<sub>3</sub>) spectrum of the new compound 5



S19. HSQC (500 MHz, CDCl $_3$ ) spectrum of the new compound  ${\bf 5}$ 



S20. HMBC (500 MHz, CDCl<sub>3</sub>) spectrum of the new compound 5