Supplementary Materials

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Figure S1. ^{1}H-NMR (methanol-d_4, 600 MHz) spectrum of **1**.

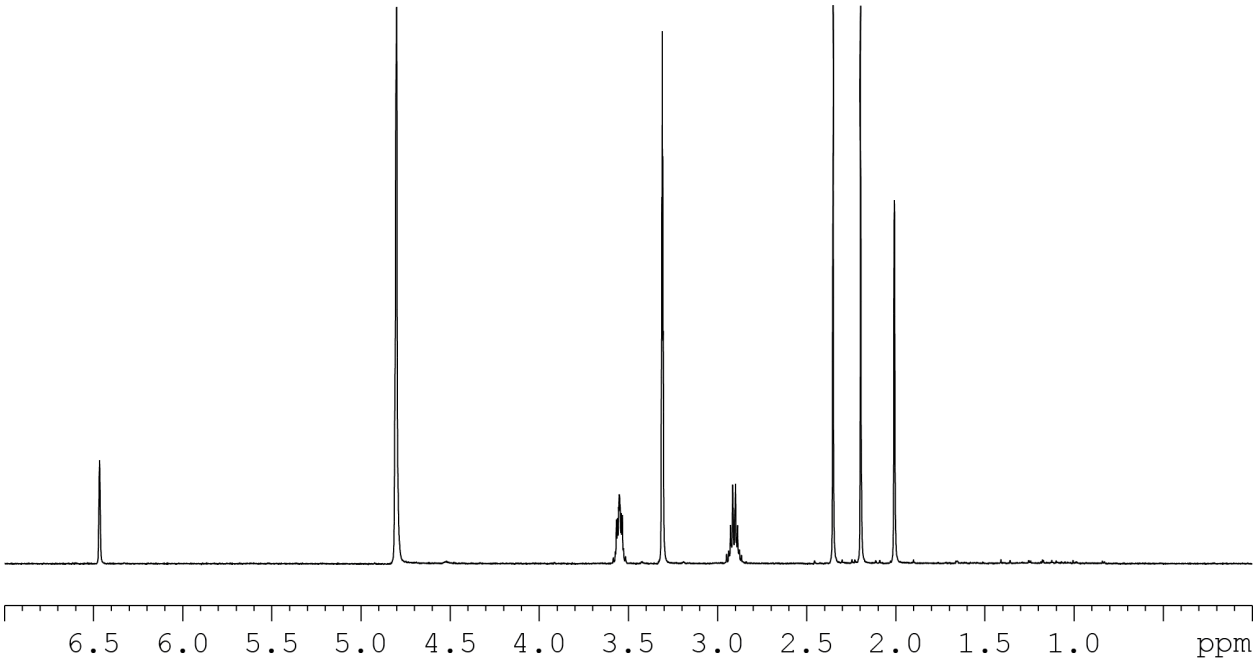

Figure S2. ^{13}C-NMR (methanol-d_4, 100 MHz) spectrum of **1**.

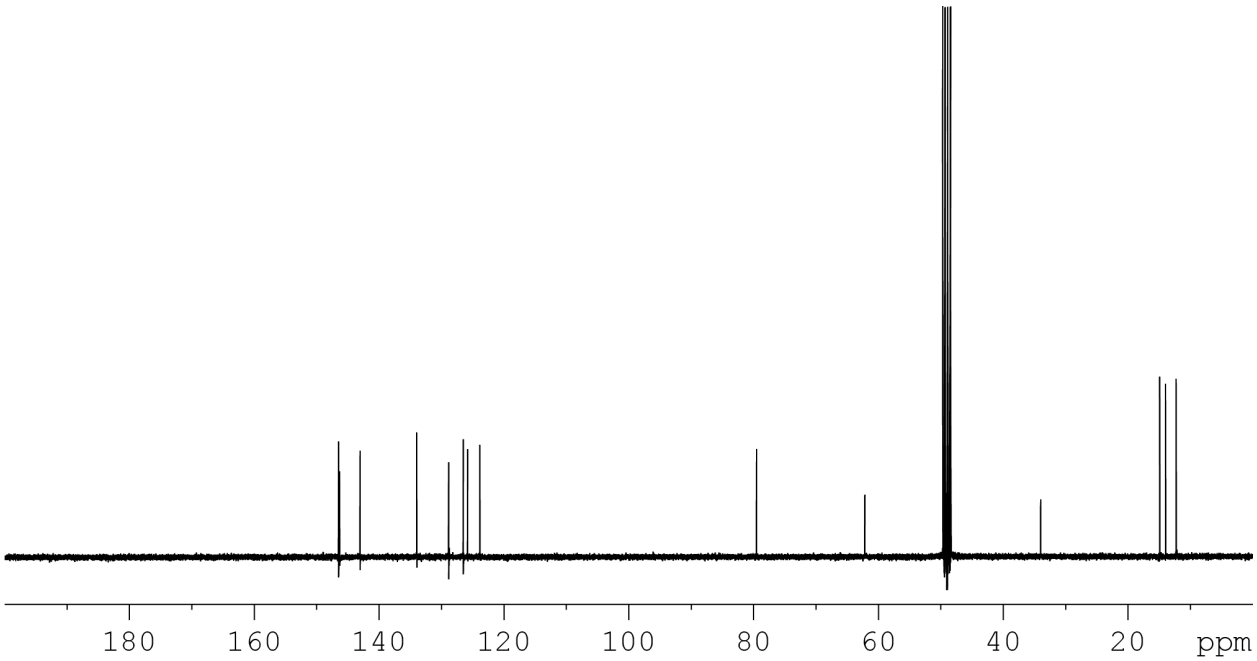

Figure S3. ^{1}H-NMR (methanol-d_4, 600 MHz) spectrum of **2**.

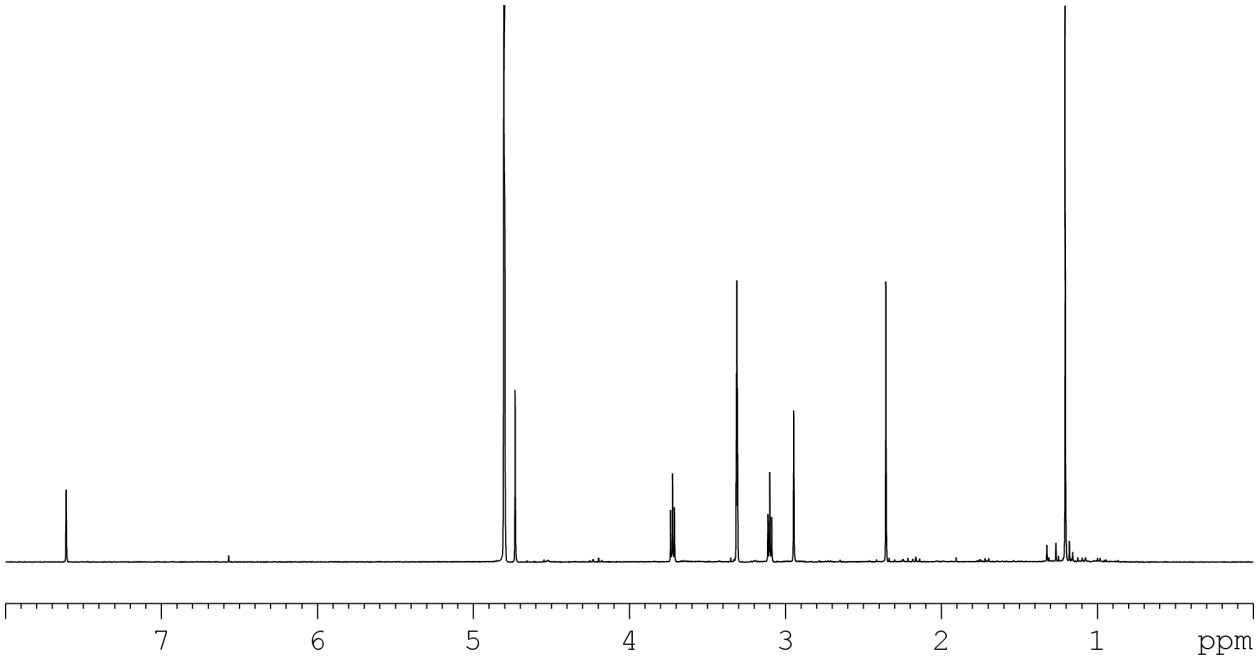

Figure S4. ^{13}C-NMR (methanol-d_4, 100 MHz) spectrum of **2**.

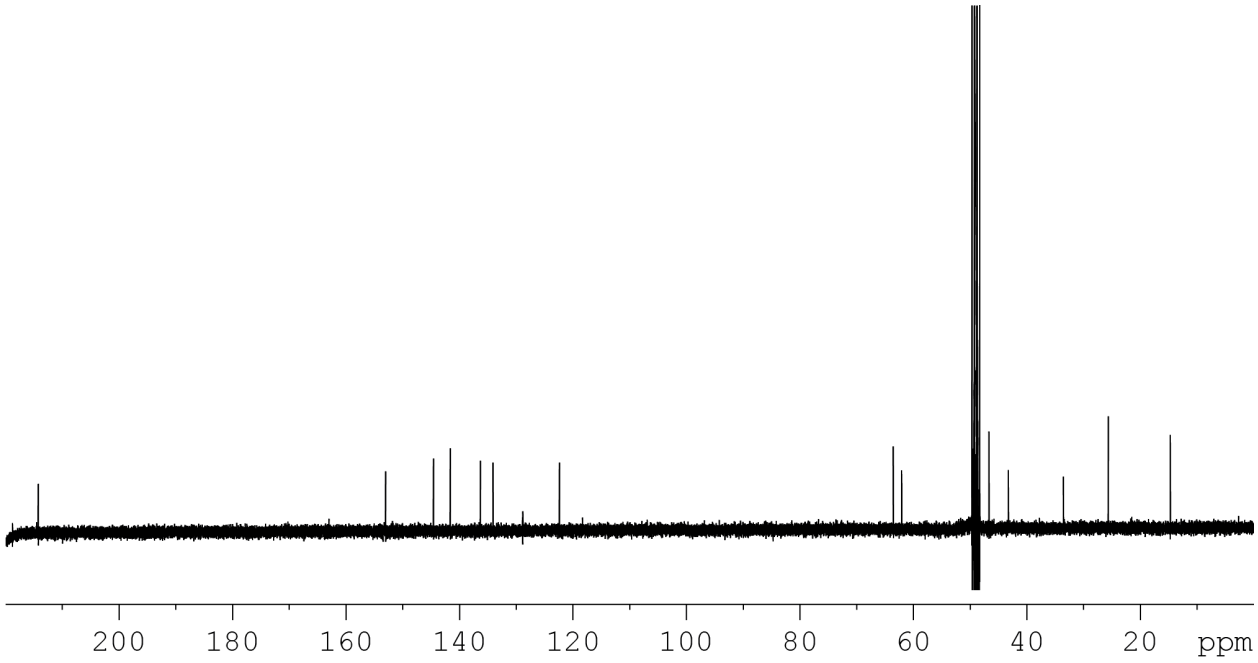

Figure S5. ^{1}H-NMR (methanol-d_4, 600 MHz) spectrum of **3**.

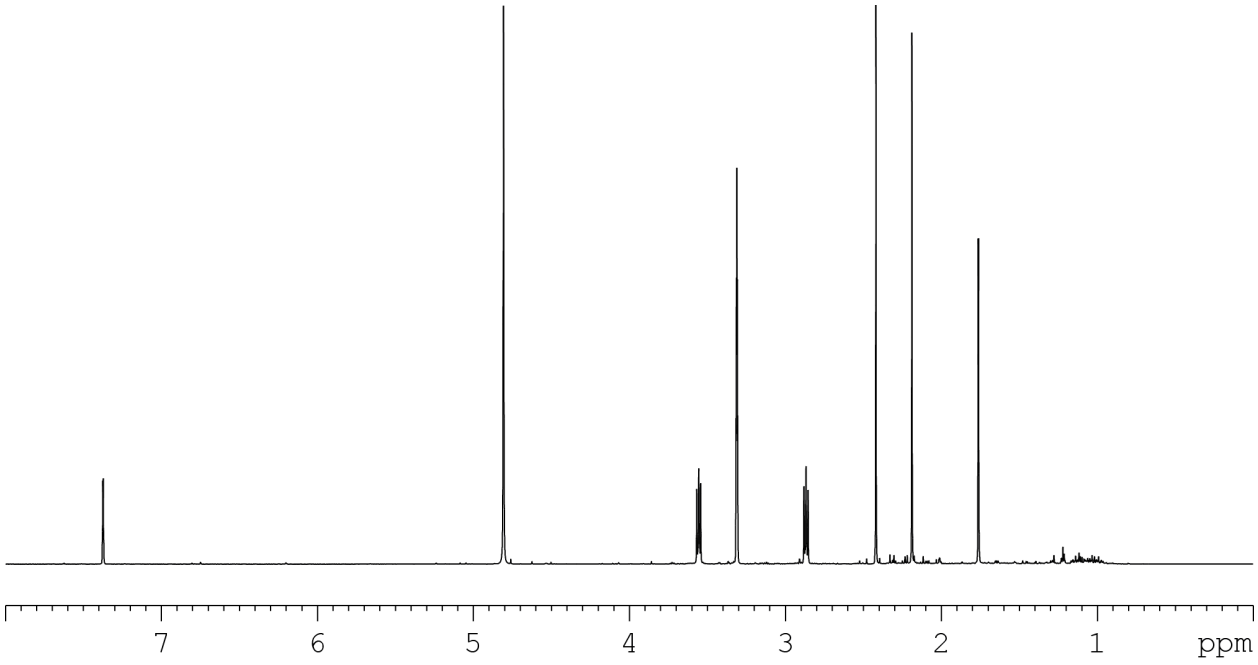

Figure S6. ^{13}C-NMR (methanol-d_4, 100 MHz) spectrum of **3**.

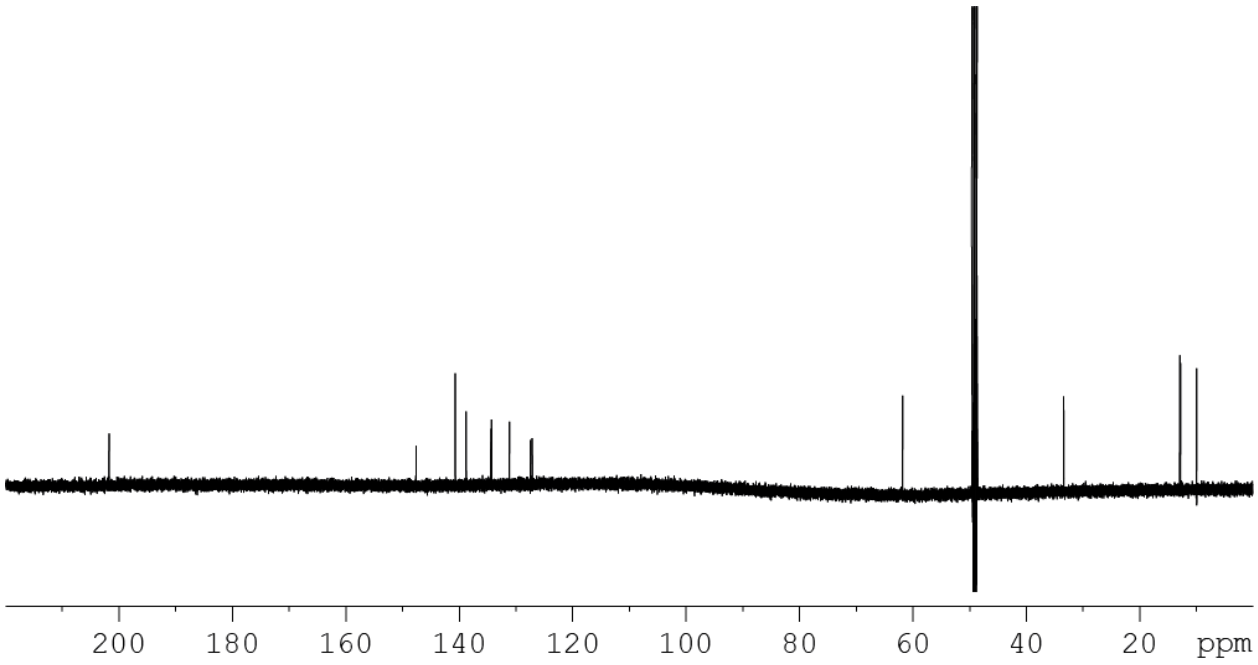

Figure S7. ^{1}H-NMR (methanol-d_4, 600 MHz) spectrum of pterosin M.

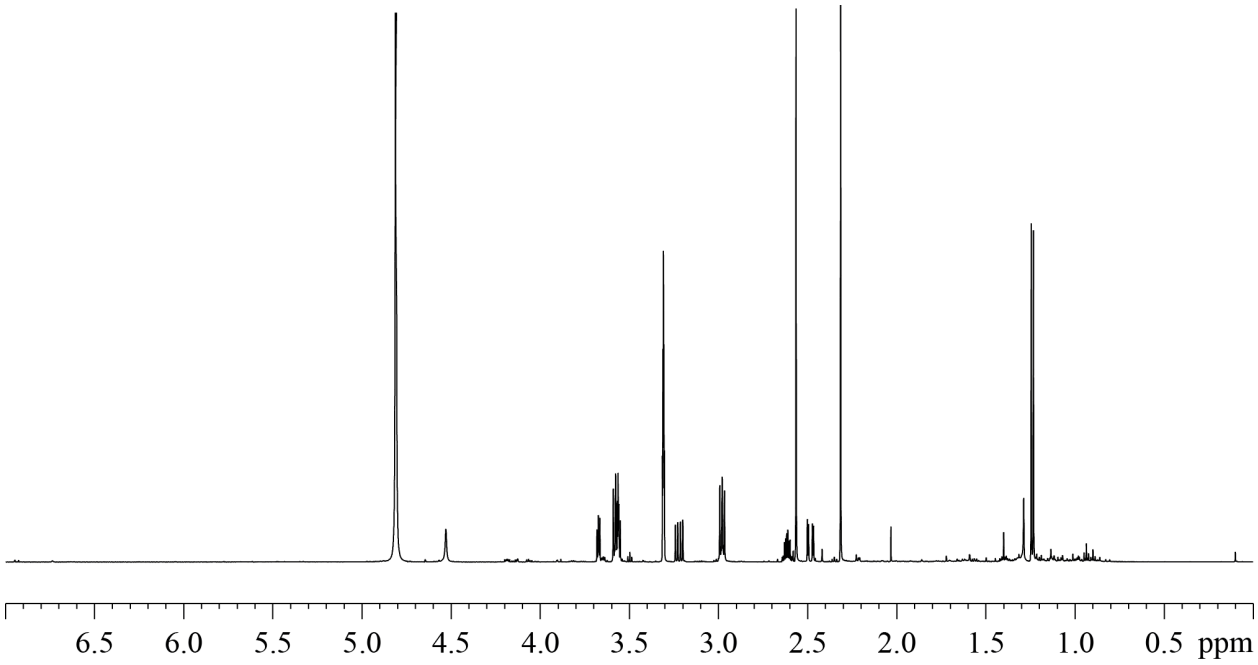

Figure S8. ^{13}C-NMR (methanol-d_4, 100 MHz) spectrum of pterosin M.

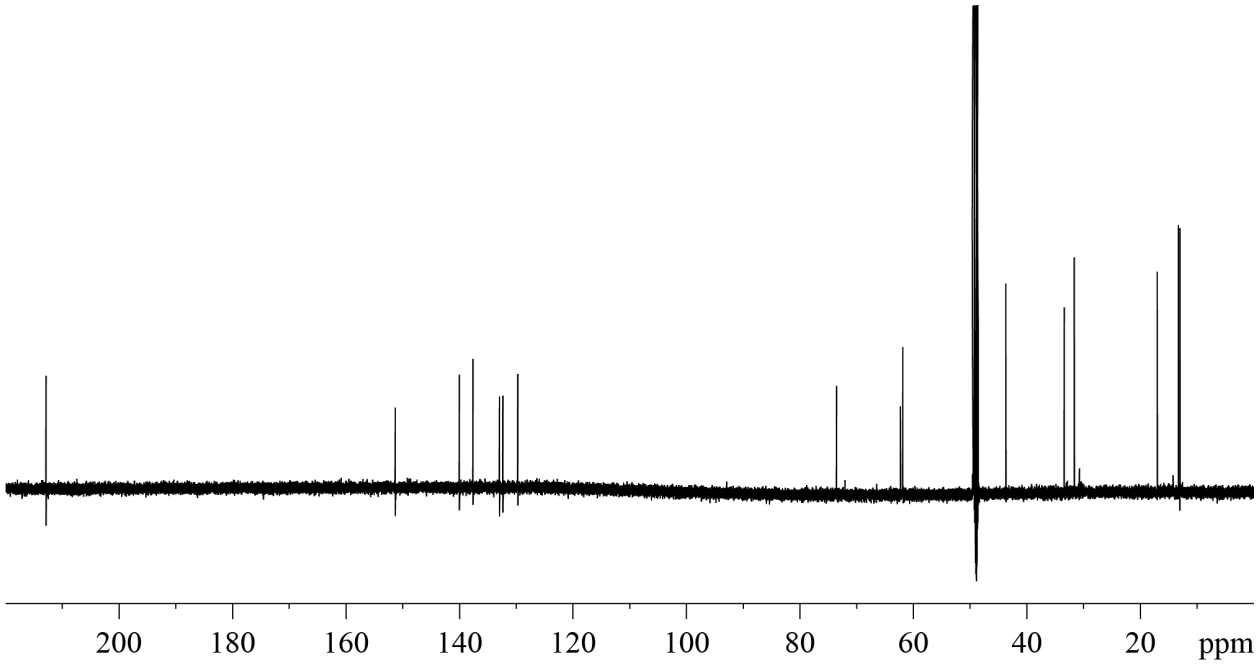

Figure S9. ^{1}H-NMR (methanol-d_4, 600 MHz) spectrum of echinolactone D.

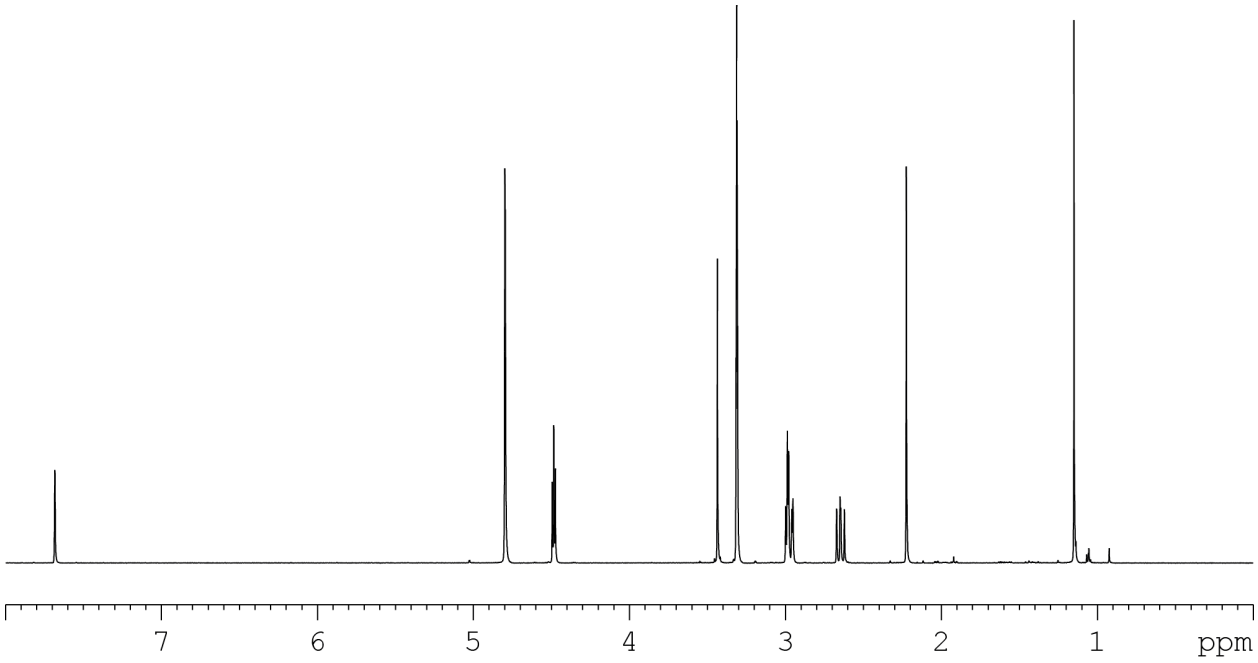

Figure S10. ^{13}C-NMR (methanol-d_4, 100 MHz) spectrum of echinolactone D.

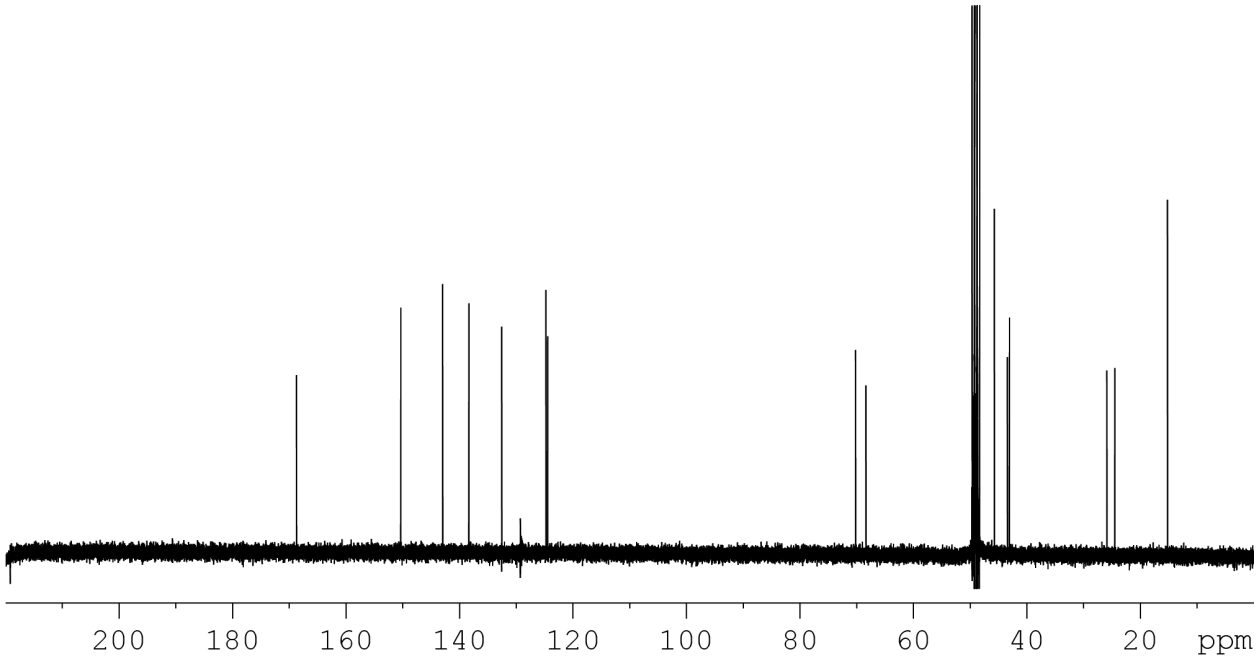

Figure S11. ^{1}H-NMR (methanol-d_4, 600 MHz) spectrum of radulactone.

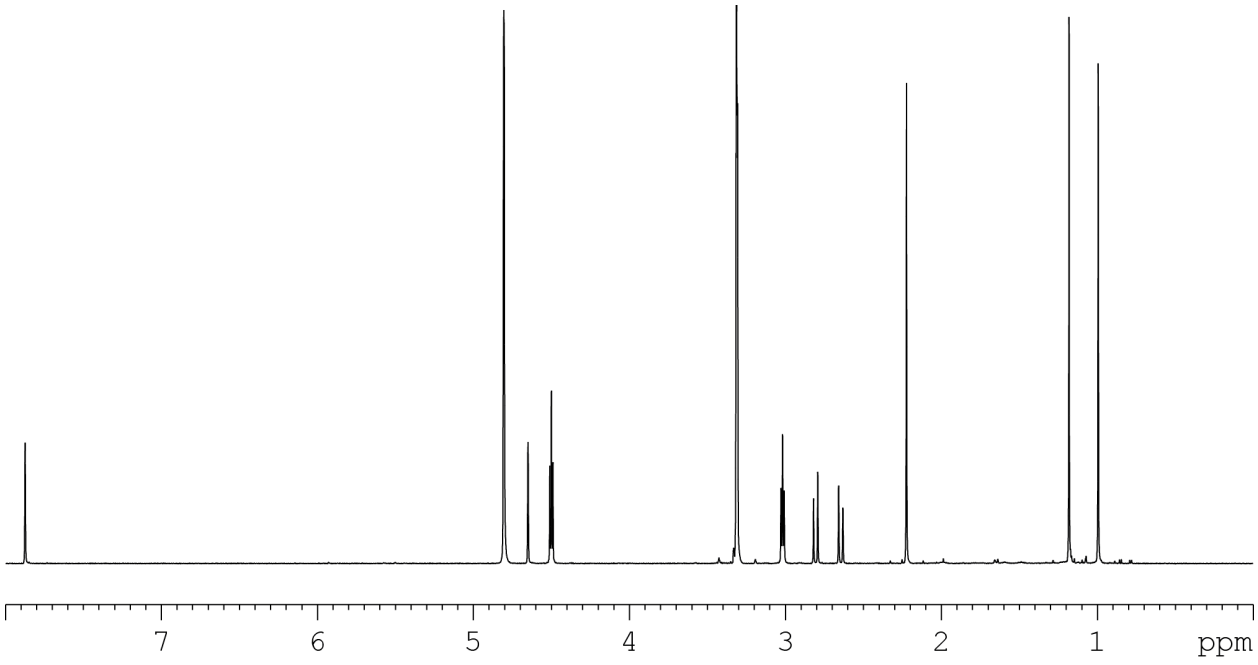

Figure S12. ^{13}C-NMR (methanol-d_4, 100 MHz) spectrum of radulactone.

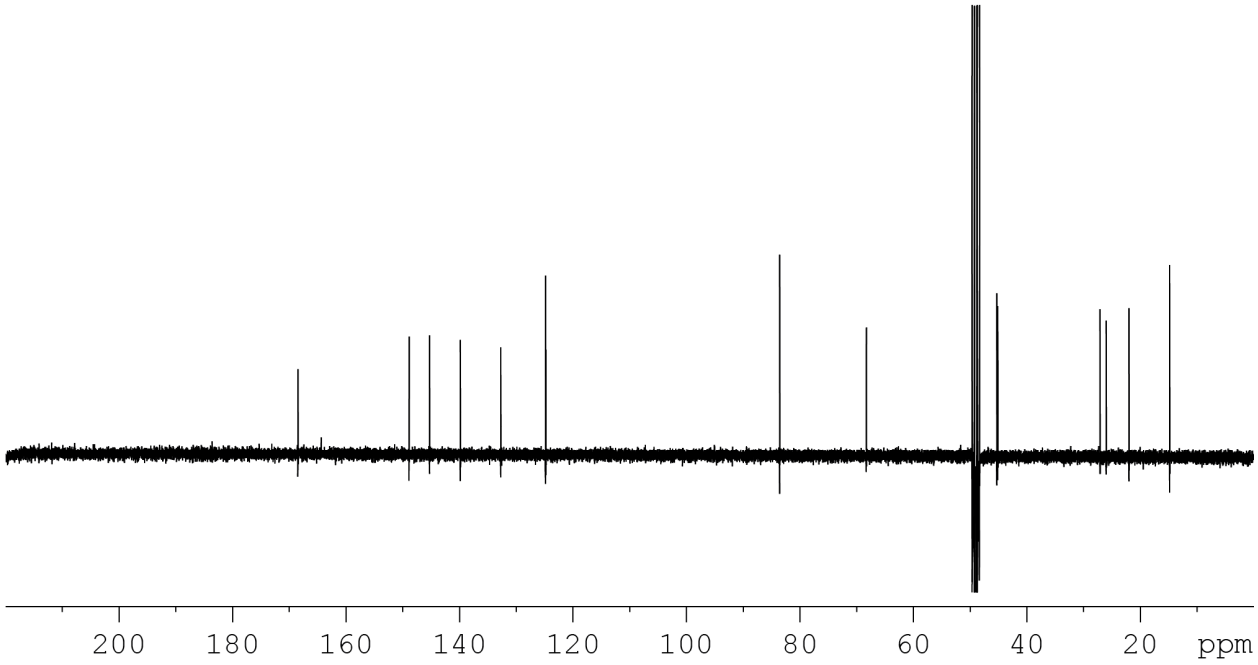

Figure S13. ^{1}H-NMR (methanol-d_4, 600 MHz) spectrum of echinolactone A.

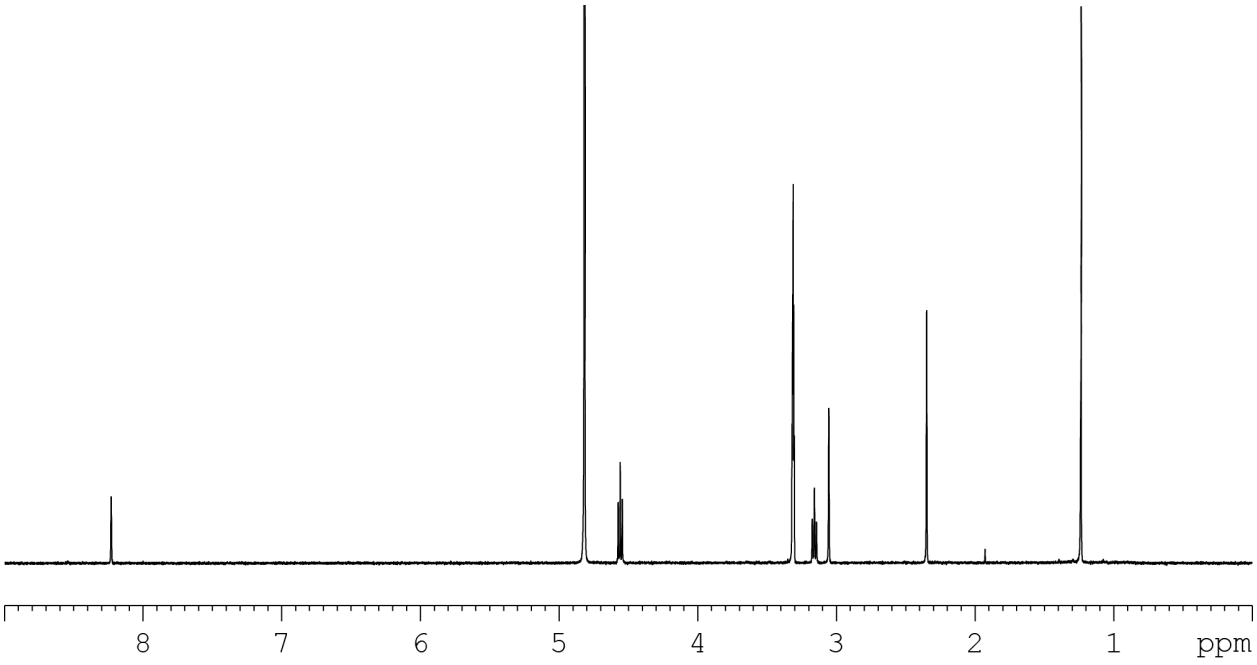

Figure S14. ^{13}C-NMR (methanol-d_4, 100 MHz) spectrum of echinolactone D.

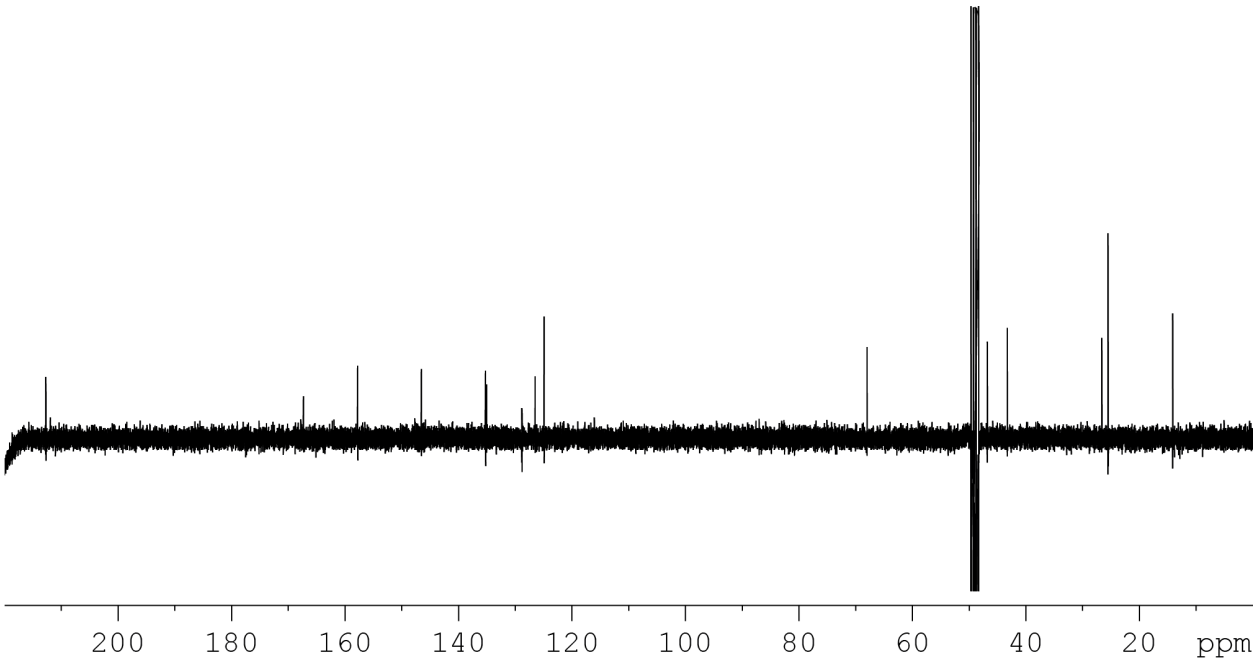

Figure S15. ^{1}H-NMR (acetone-d_6, 600 MHz) spectrum of **1a**.

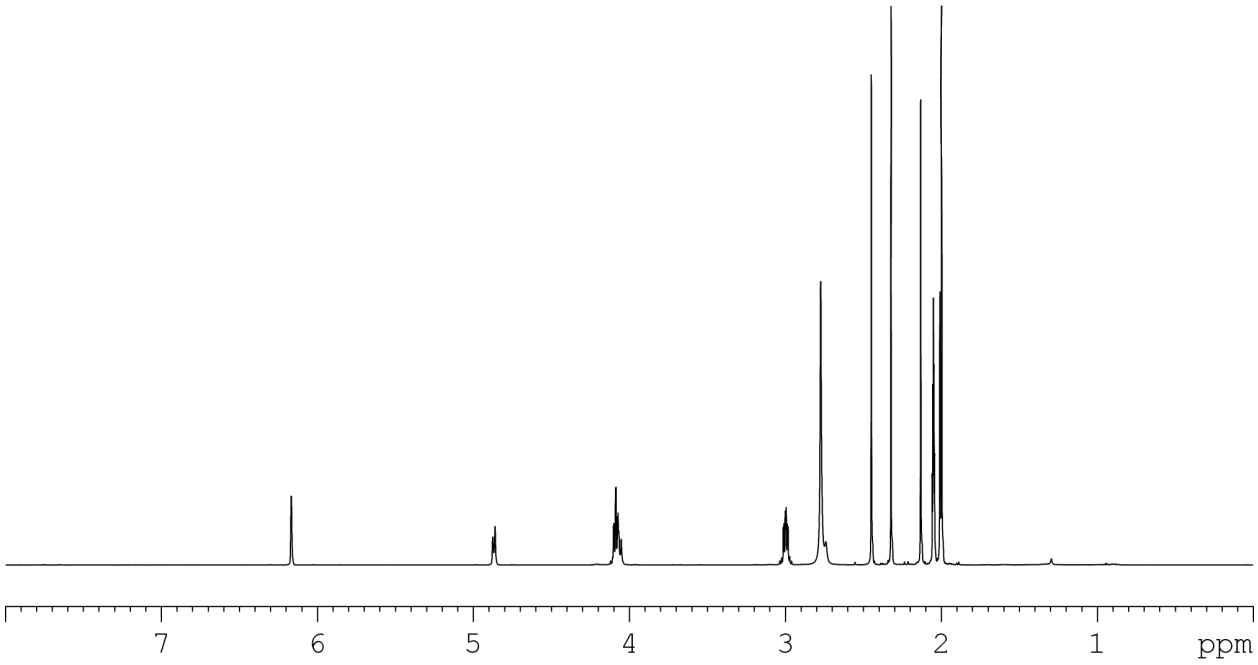

Figure S16. ^{1}H-NMR (acetone-d_6, 600 MHz) spectrum of the (S)-MTPA ester of **1a**.

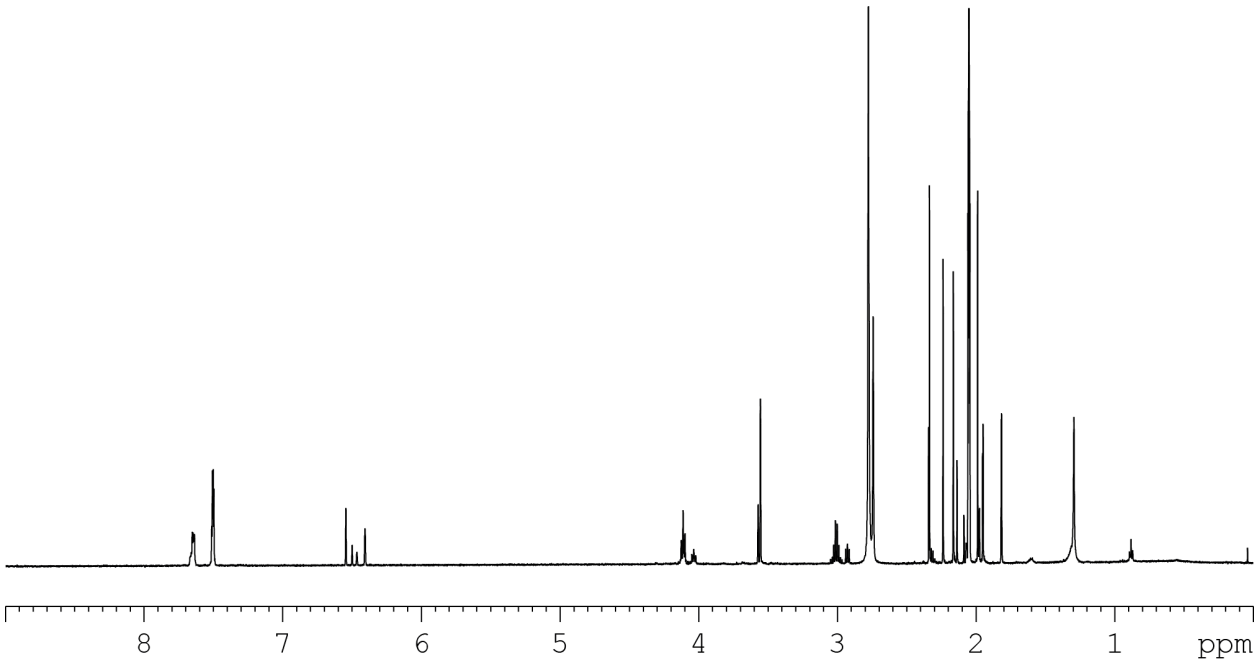

Figure S17. ^{1}H-NMR (acetone-d_6, 600 MHz) spectrum of the (R)-MTPA ester of **1a**.

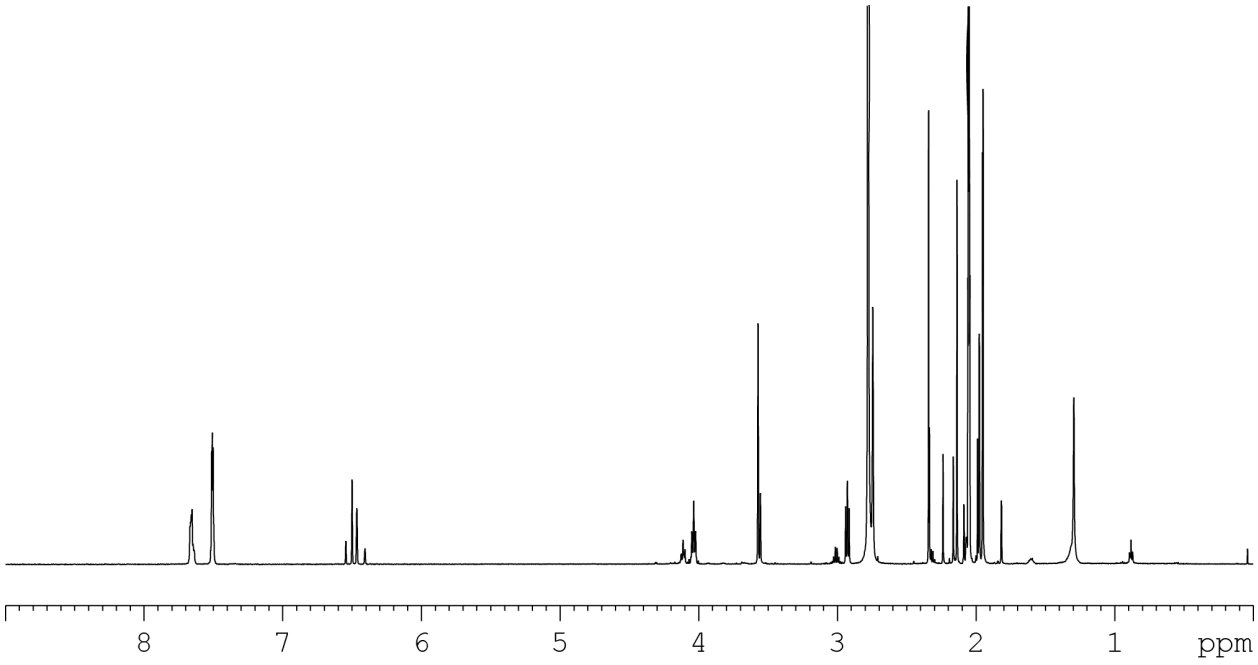

Figure S18. ^{1}H-NMR (methanol-d_6, 600 MHz) spectrum of the reaction product of **3** and cysteine.

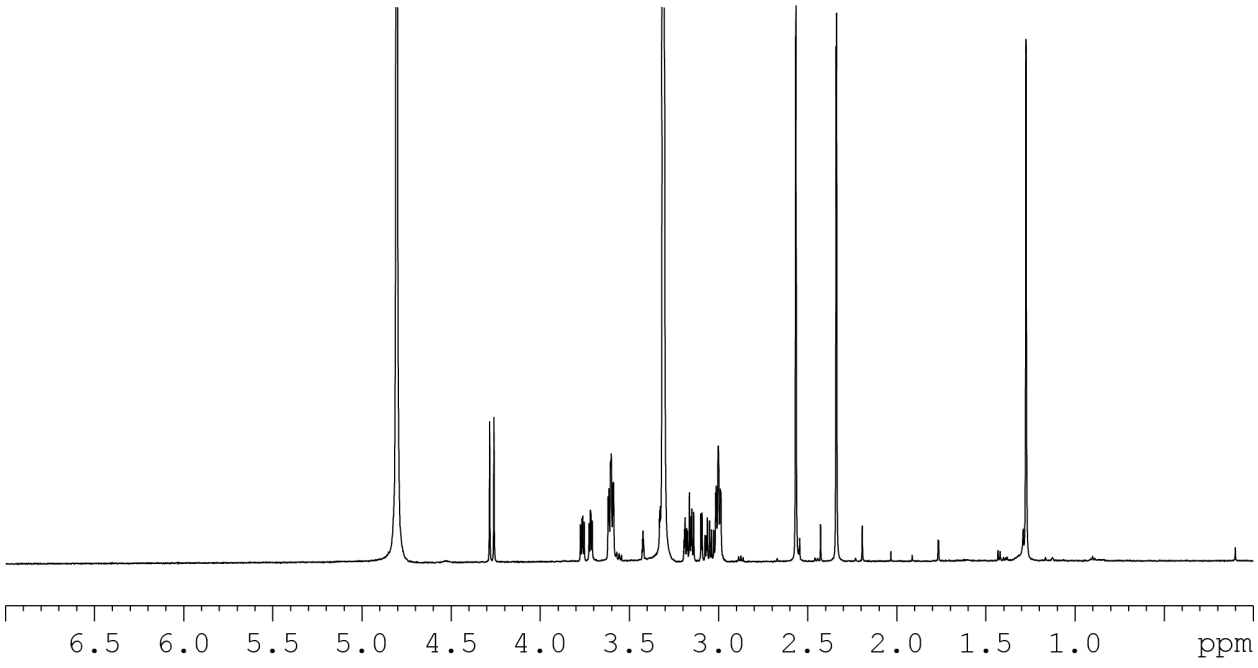

Figure S19. Structure of **1a** (R = OH) and the R- and S-MTPA monoesters of **1a** (R = R-MTPA and R = S-MTPA, respectively).

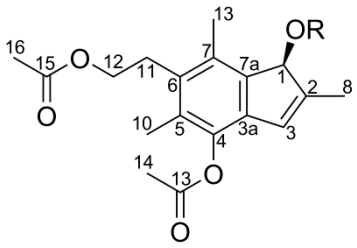

Table S1. ^{1}H-NMR data for compound **1a** and the R- and S-MTPA monoesters of **1a** (acetone-d_6, 30 °C, 600 MHz).

pos.	1a	R-MTPA Ester of 1a	S-MTPA Ester of 1a
	δ_H (*J* in Hz)	**δ_H (*J* in Hz)**	**δ_H (*J* in Hz)**
1	4.87, m	6.47, s	6.54, s
2			
3	6.17, bs	6.5, s	6.41, s
4			
4a			
5			
6			
7			
7a			
8	2.01, bs	1.98, bs	1.82, s
9			
10	2.13, s	2.14, s	2.16, s
11	3.00, m	2.93, m	3.01, m
12	4.09, m	4.00, m	4.11, m
13	2.45, s	1,95, s	2.23, s
14	2.32, s	2.34, s	2.34, s
15			
16	2.00, s	1.95, s	1.99, s