

Supplementary Materials: Antiallergic Phorbol Ester from the Seeds of *Aquilaria Malaccensis*

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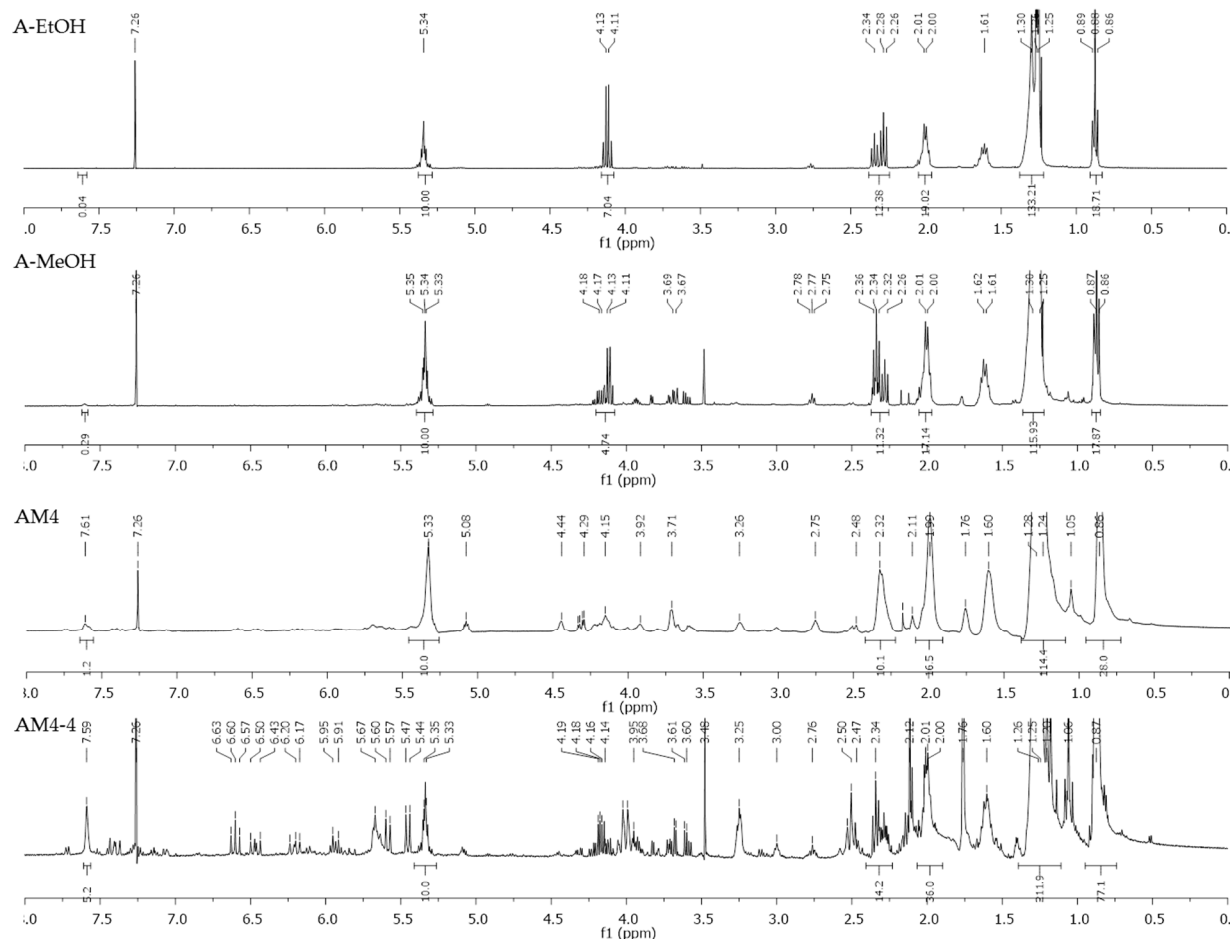
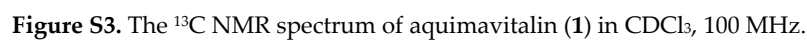
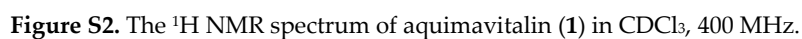


Figure S1. ^1H NMR spectra of A-EtOH, A-MeOH, AM4 and AM4-4 in CDCl_3 , 400 MHz. The ^1H NMR comparison of consequent fractions guided by antiallergic activity. The typical signals for phorbol diterpenes (δ_{H} 7.5, H-1; δ_{H} 5.6, H-7) increased with purification in following manner: ethanolic extract (A-EtOH) < methanolic partition layer (A-MeOH) < 4th fraction of the methanolic layer (AM4) < 4th fraction of AM4 (AM4-4).



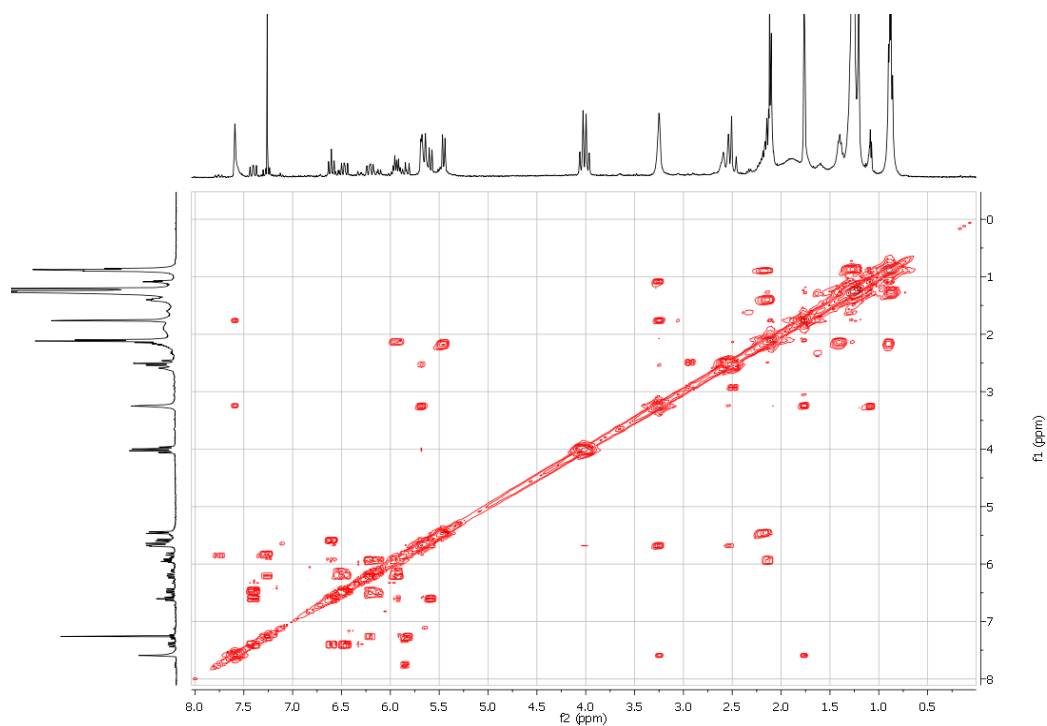


Figure S4. ^1H – ^1H correlation spectroscopy (COSY) spectrum of aquimavitalin (**1**) in CDCl_3 .

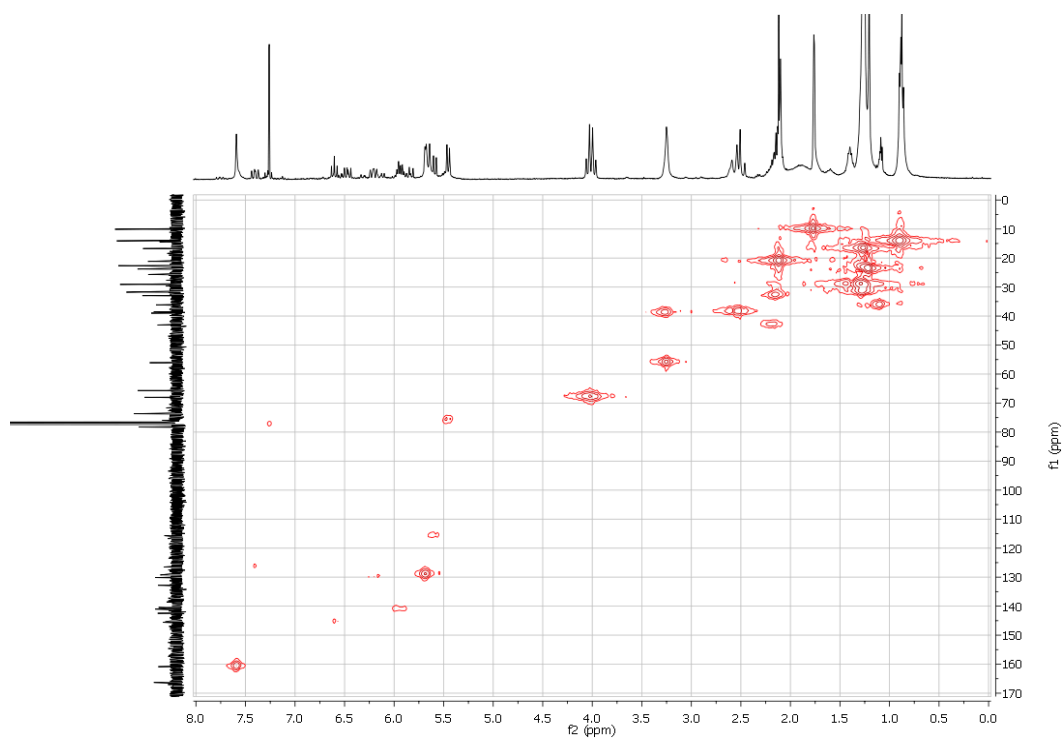


Figure S5. HMQC spectrum of aquimavitalin (**1**) in CDCl_3 .

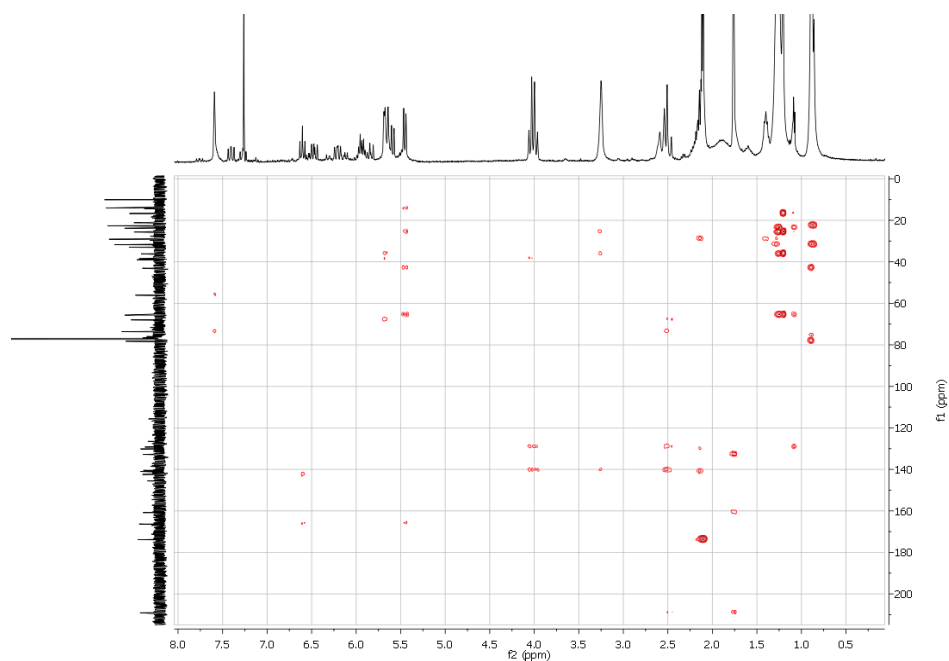


Figure S6. Heteronuclear multiple bond correlation spectroscopy (HMBC) spectrum of aquimavitalin (1) in CDCl₃.

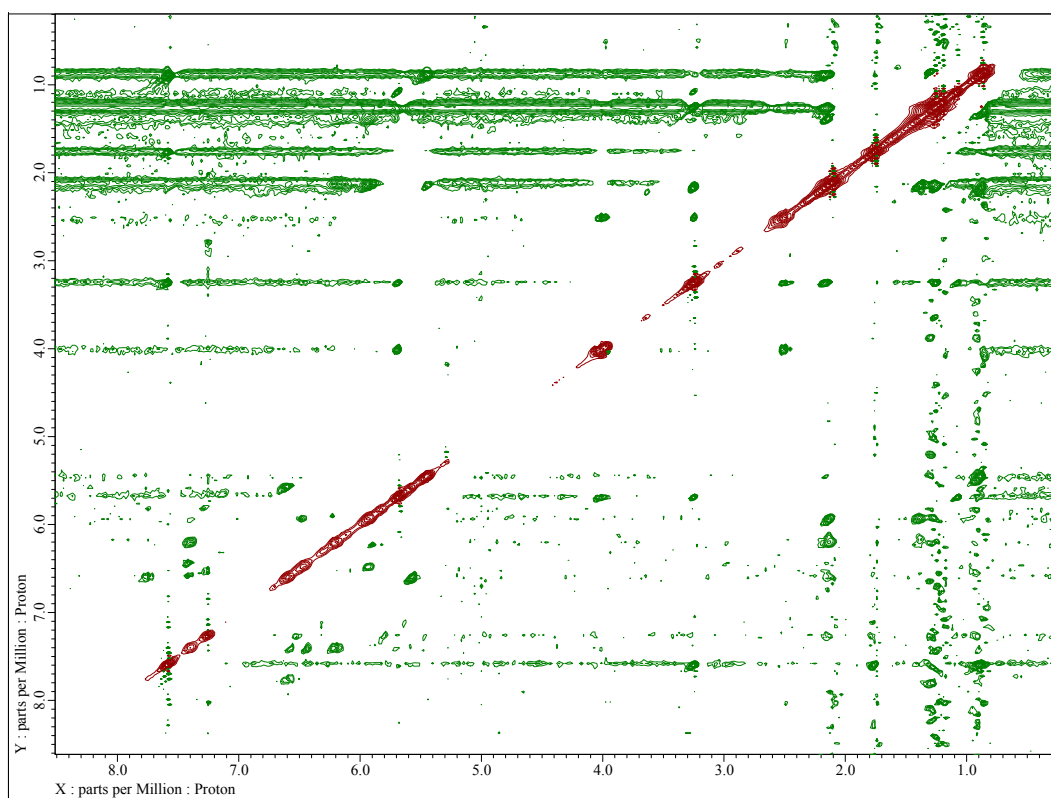


Figure S7. Nuclear overhauser effect spectroscopy (NOESY) spectrum of aquimavitalin (1) in CDCl₃.

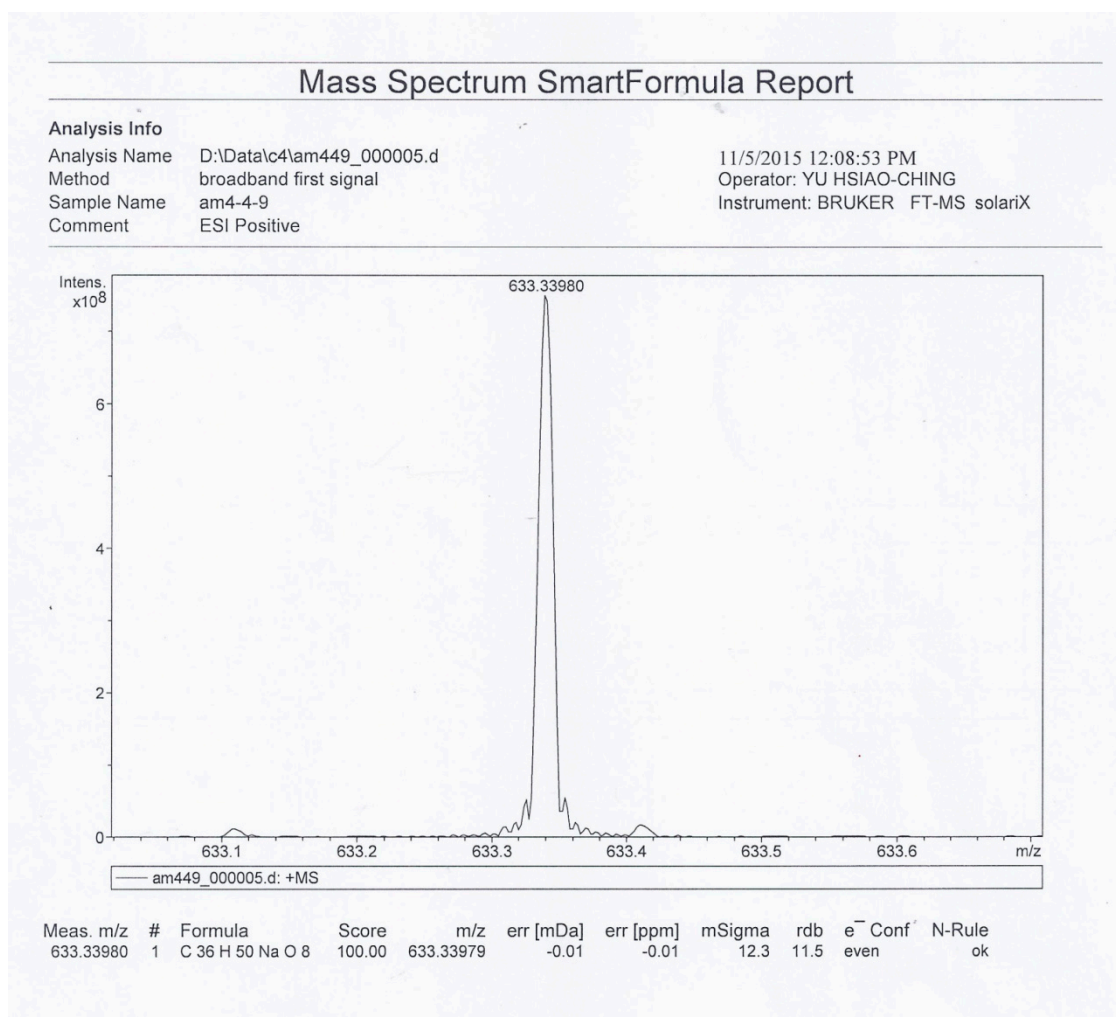


Figure S8. High-resolution electrospray ionization mass spectrometry (HR-ESIMS) spectrum of aquimavitalin (1).