

# Supplementary Materials:

## 5,9,11-Trihydroxy-2,2-dimethyl-10-(3'-methyl-2'-butenyl)-3-(2"-methyl-3"-butenyl)pyrano[2,3-a]xanthen-12(2H)-one from the Stem Bark of *Calophyllum pseudomole*

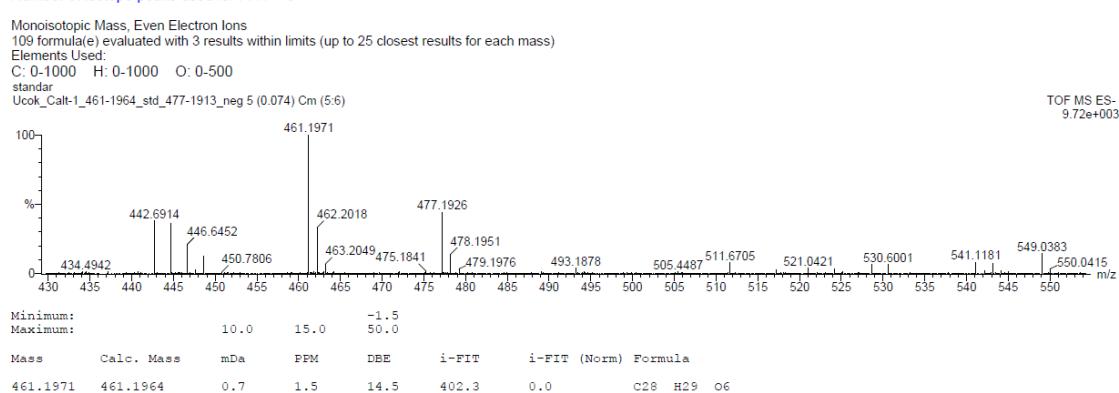
Mulyadi Tanjung, Ratih Dewi Saputri and Tjitjik Srie Tjahjandarie

### Elemental Composition Report

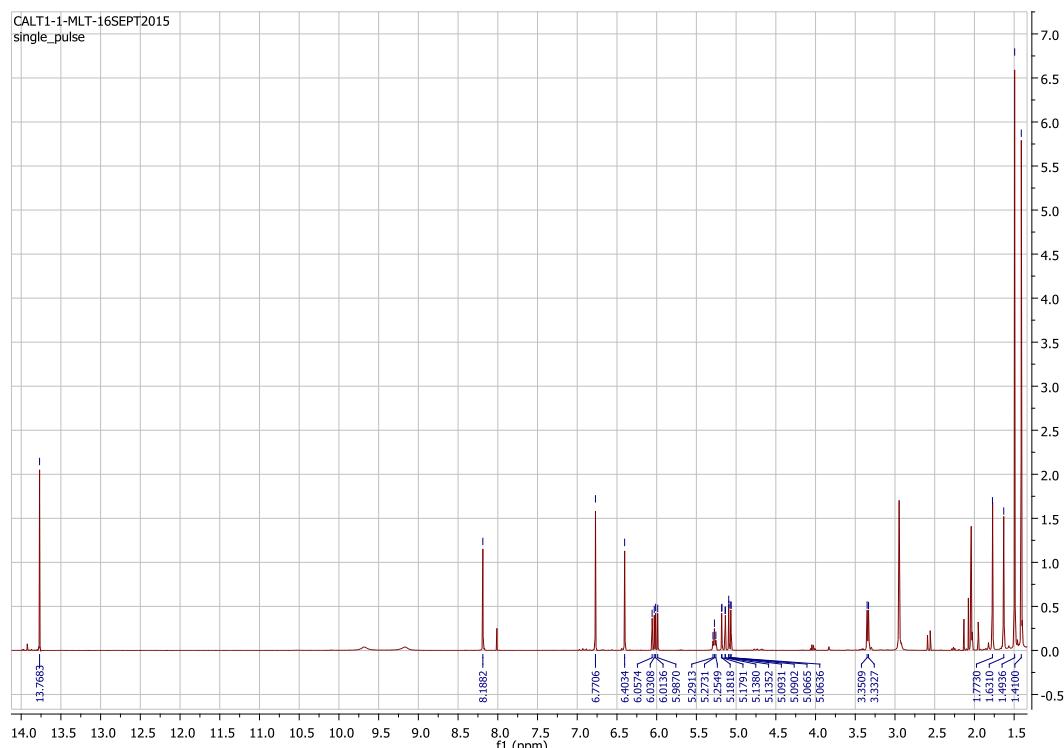
Page 1

#### Single Mass Analysis

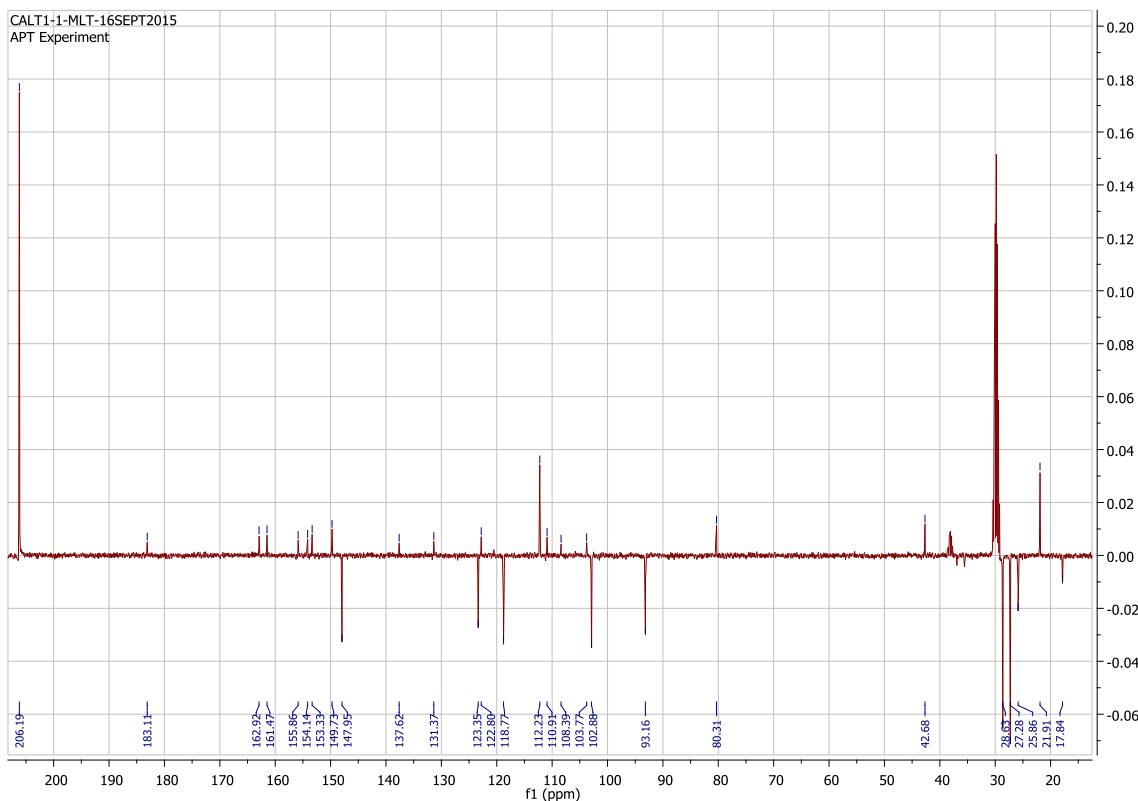
Tolerance = 10.0 mDa / DBE: min = -1.5, max = 50.0  
Element prediction: Off  
Number of isotope peaks used for i-FIT = 5



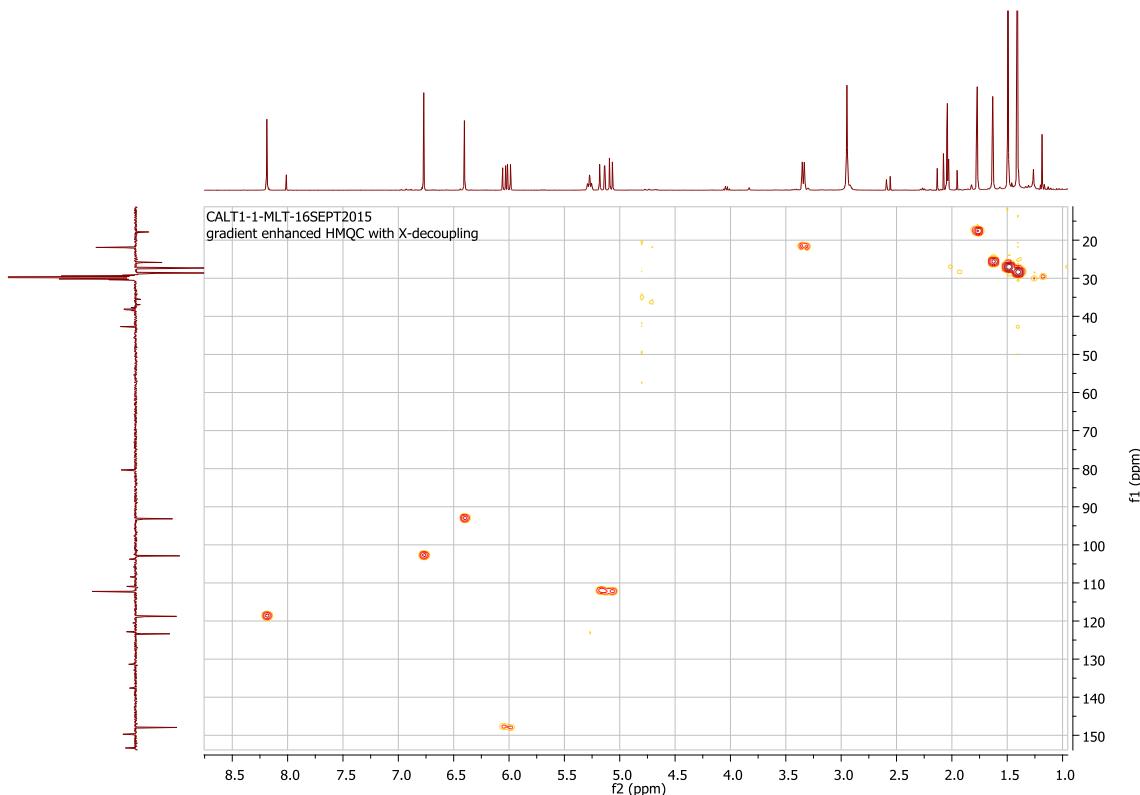
**Figure S1.** HRESIMS spectrum of 5,9,11-trihydroxy-2,2-dimethyl-10-(3'-methyl-2'-butenyl)-3-(2"-methyl-3"-butenyl)pyrano[2,3-a]xanthen-12(2H)-one.



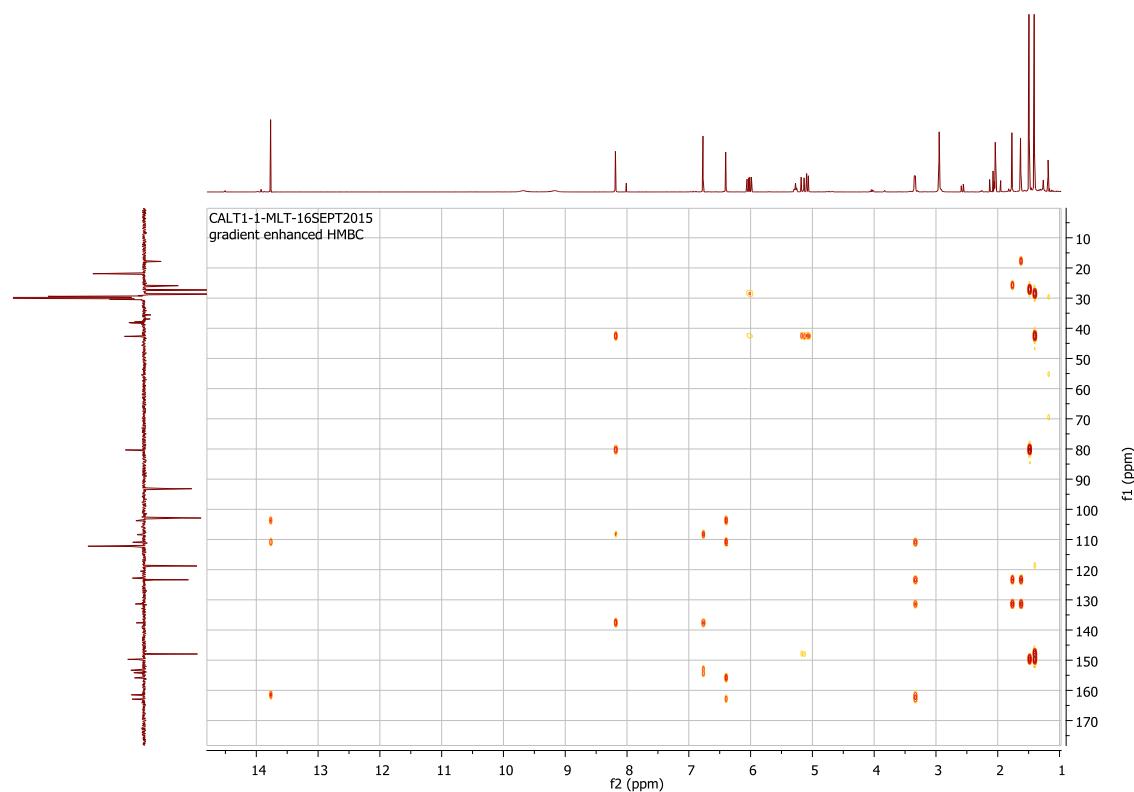
**Figure S2.**  $^1\text{H}$ -NMR spectrum of 5,9,11-trihydroxy-2,2-dimethyl-10-(3'-methyl-2'-butenyl)-3-(2"-methyl-3"-butenyl)pyrano[2,3-a]xanthen-12(2H)-one.



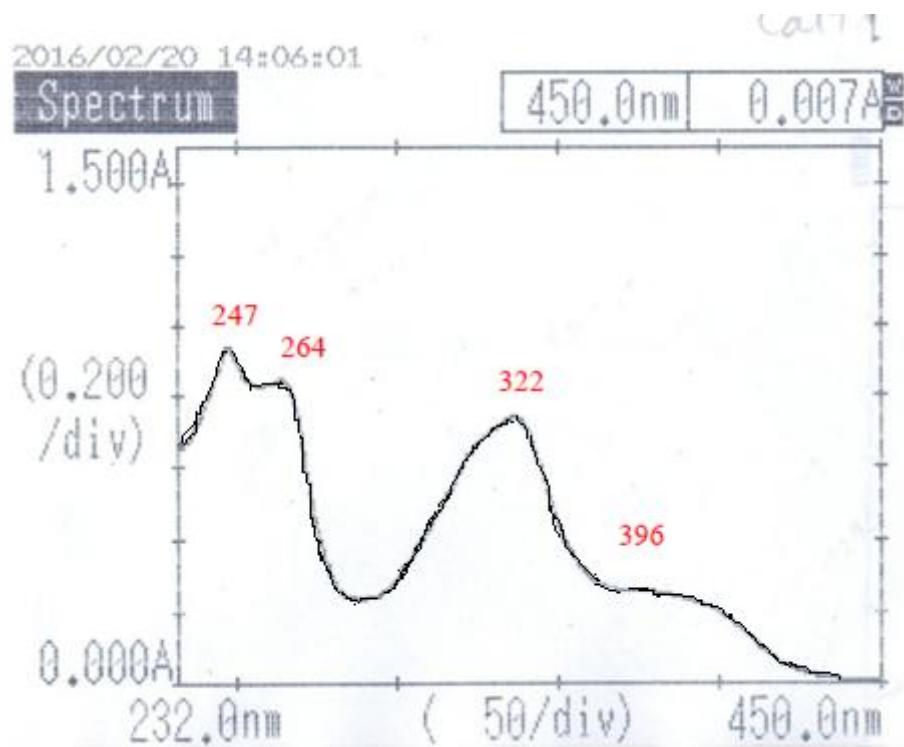
**Figure S3.**  $^{13}\text{C}$ -NMR spectrum of 5,9,11-trihydroxy-2,2-dimethyl-10-(3'-methyl-2'-butenyl)-3-(2"-methyl-3"-butenyl)pyrano[2,3-a]xanthene-12( $2\text{H}$ )-one.



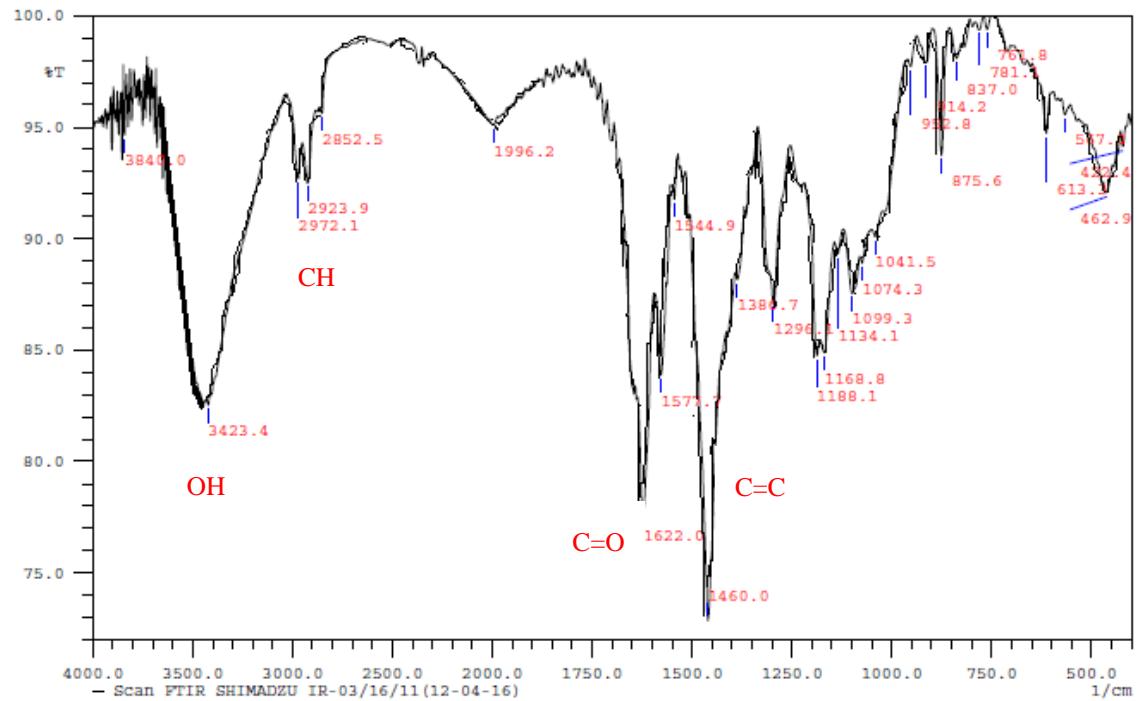
**Figure S4.** HMQC spectrum of 5,9,11-trihydroxy-2,2-dimethyl-10-(3'-methyl-2'-butenyl)-3-(2"-methyl-3"-butenyl)pyrano[2,3-a]xanthene-12(2H)-one.



**Figure S5.** HMBC spectrum of 5,9,11-trihydroxy-2,2-dimethyl-10-(3'-methyl-2'-butenyl)-3-(2"-methyl-3"-butenyl)pyrano[2,3-a]xanthene-12(2H)-one.



**Figure S6.** UV spectrum of 5,9,11-trihydroxy-2,2-dimethyl-10-(3'-methyl-2'-butenyl)-3--3-(2"-methyl-3"-butenyl)pyrano[2,3-a]xanthen-12(2H)-one



**Figure S7.** IR spectrum of 5,9,11-trihydroxy-2,2-dimethyl-10-(3'-methyl-2'-butenyl)-3--3-(2"-methyl-3"-butenyl)pyrano[2,3-a]xanthen-12(2H)-one