### **Supporting Information for**

# Lignans from the Tuber-barks of *Colocasia antiquorum* var. *esculenta* and Their Anti-melanogenic Activity

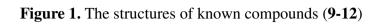
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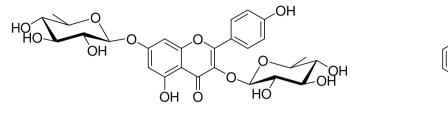
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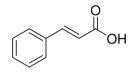
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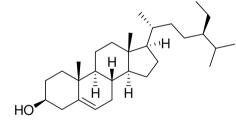
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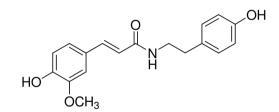
Figure 1. The structures of known compounds (9-12) Figure 2. The <sup>1</sup>H NMR (CD<sub>3</sub>OD, 500 MHz) data of 1 Figure 3. The <sup>13</sup>C NMR (CD<sub>3</sub>OD, 125 MHz) data of 1 Figure 4. <sup>1</sup>H-<sup>1</sup>H COSY data of 1 Figure 5. HSQC data of 1 Figure 6. HMBC data of 1 Figure 7. The <sup>1</sup>H NMR (CD<sub>3</sub>OD, 500 MHz) data of 2 Figure 8. The <sup>13</sup>C NMR (CD<sub>3</sub>OD, 125 MHz) data of 2 Figure 9. <sup>1</sup>H-<sup>1</sup>H COSY data of 2 Figure 10. HSQC data of 2 Figure 11. HMBC data of 2

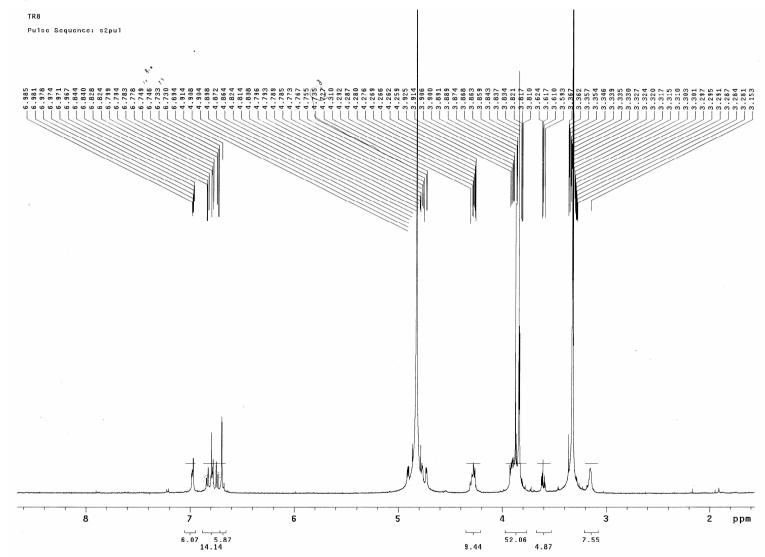




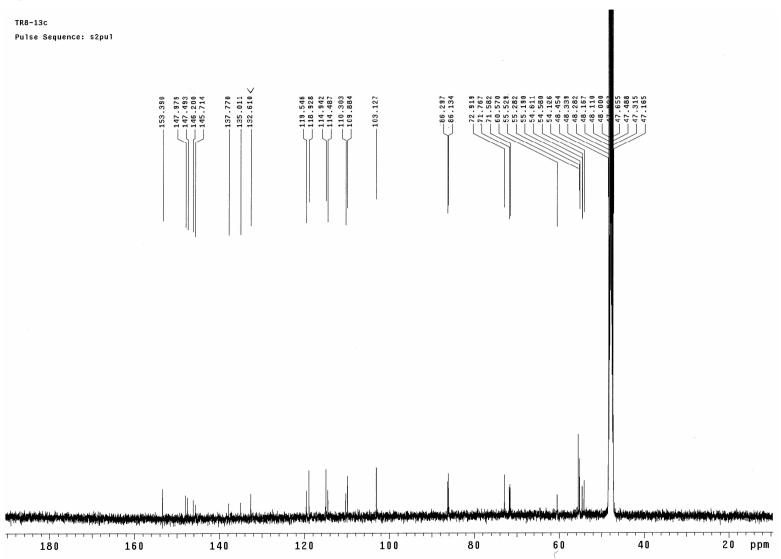








## Figure 2. The <sup>1</sup>H NMR (CD<sub>3</sub>OD, 500 MHz) data of 1



# Figure 3. The <sup>13</sup>C NMR (CD<sub>3</sub>OD, 125 MHz) data of 1

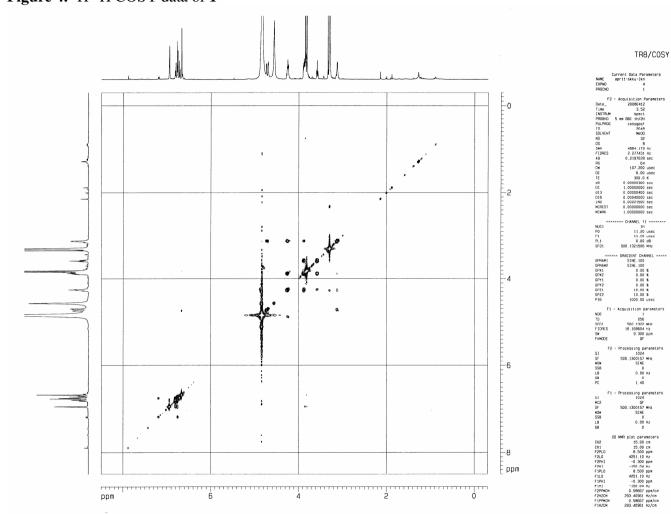
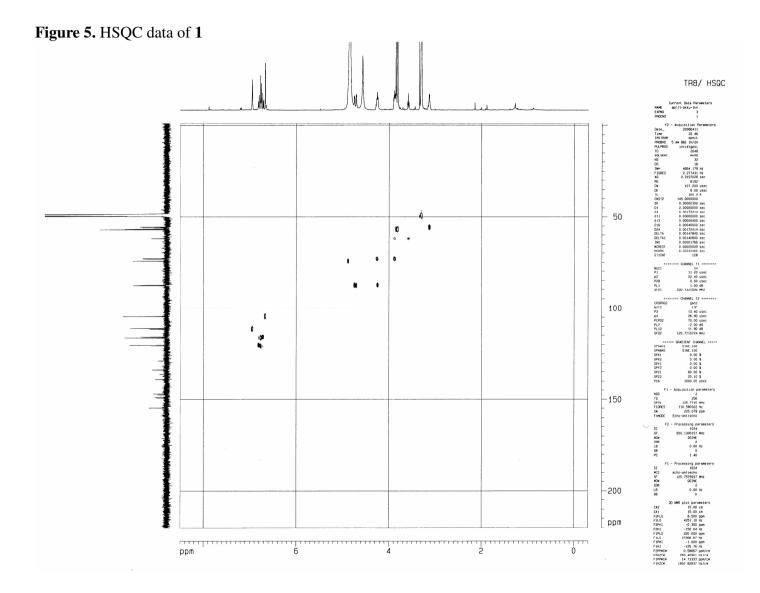
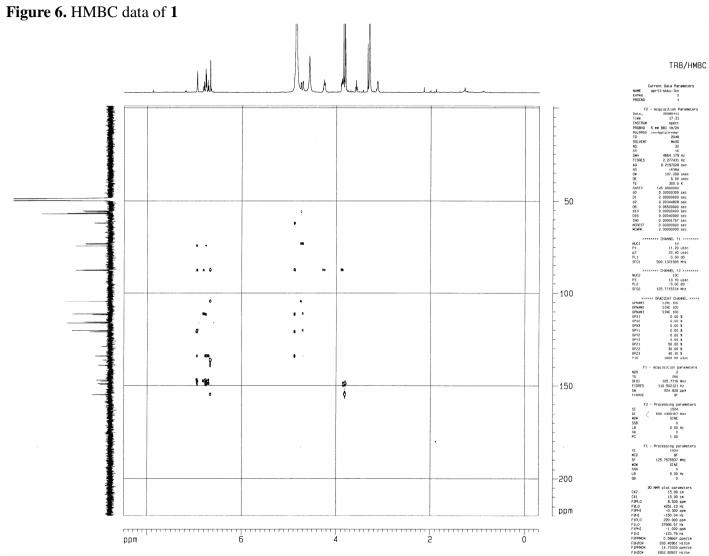


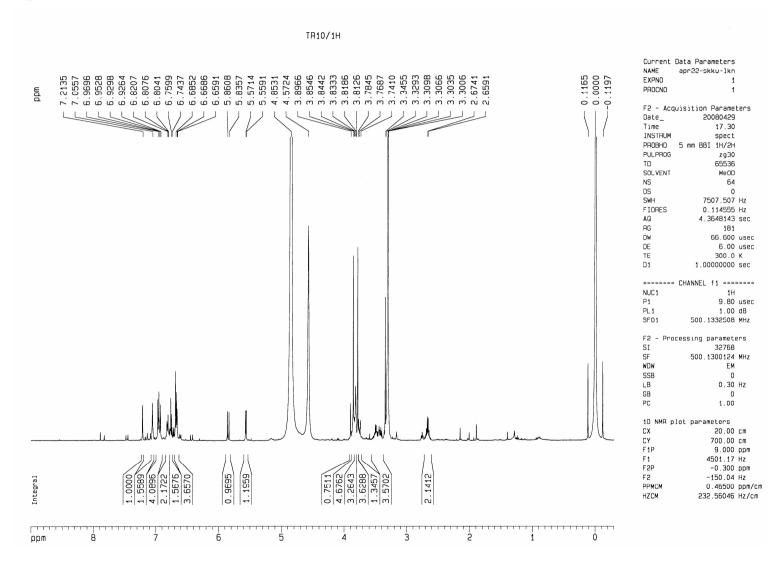
Figure 4. <sup>1</sup>H-<sup>1</sup>H COSY data of 1



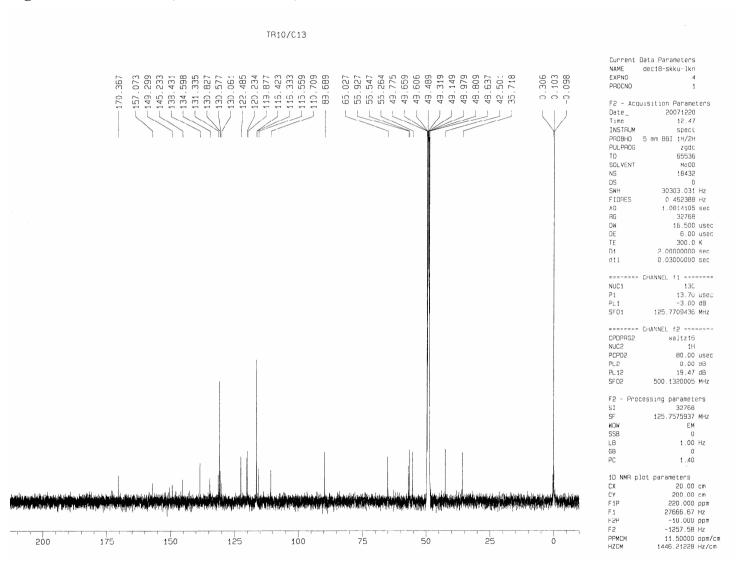


Current Data Parameters aprii-skku-lkn 2 1 ·· CHANNEL 11 ···· 1H 11.20 usec 22.40 usec 0.00 dB 500.1321506 MHz 130 1321300 HH2 130 13.70 usec -3.00 dB 125.7715724 HHz GRADIENT CHANNEL SINE 100 SINE 100 SINE 100 SINE 100 0.00 X 0.00 X 0.00 X 0.00 X 0.00 X 30.00 X 30.00 X 1000 X 0.10 X - Acquisition paraweters 256 125.7716 NHz 110.502121 Hz 224.920 ppm QF 0.00 Hz 0.00 SINE Processing parame 1024 BF 125.7575937 HHz SINE 0.00 Hz 0 0 20 MMP Dick arresters 15,00 cm 8,500 ppm 4251.10 M2 −0.300 ppm -150.04 M2 2200.000 ppm -150.04 M2 2200.000 ppm -150.04 M2 230.000 ppm -150.04 M2 230.000 ppm -150.07 M2 -150.00 M2 -150.07 M2 -150.00 M2 -150.07 M2 -100.07 M2





#### Figure 8. The <sup>13</sup>C NMR (CD<sub>3</sub>OD, 125 MHz) data of 2



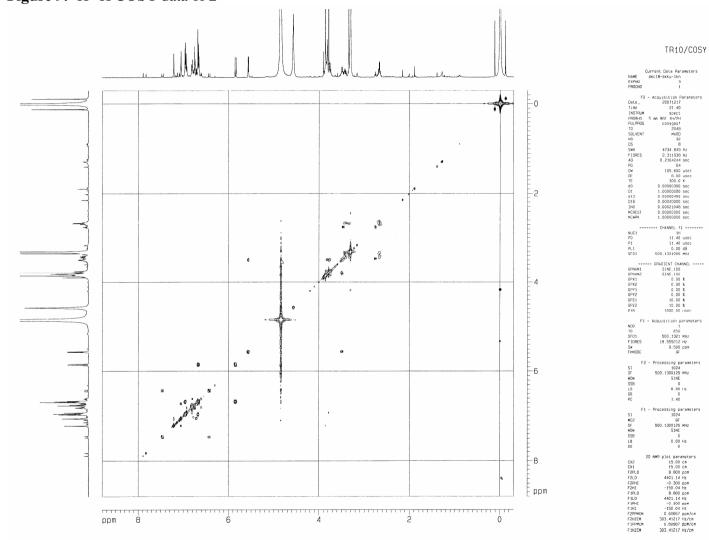
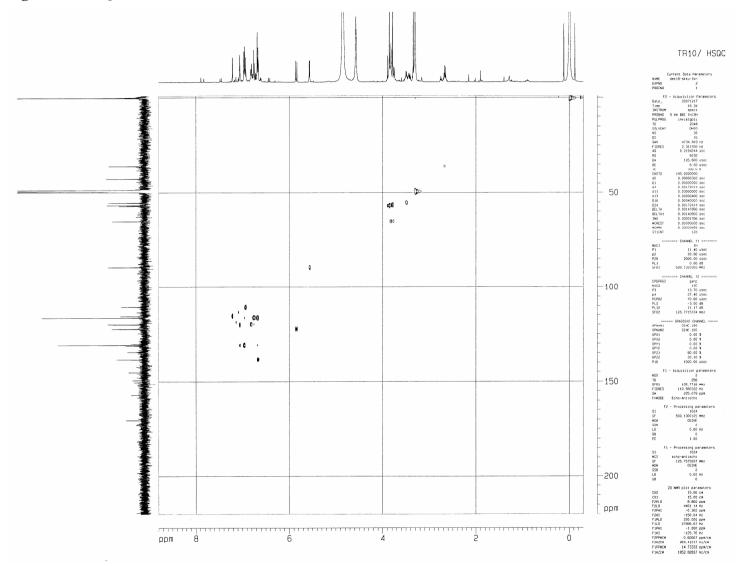


Figure 9. <sup>1</sup>H-<sup>1</sup>H COSY data of 2



## Figure 10. HSQC data of 2

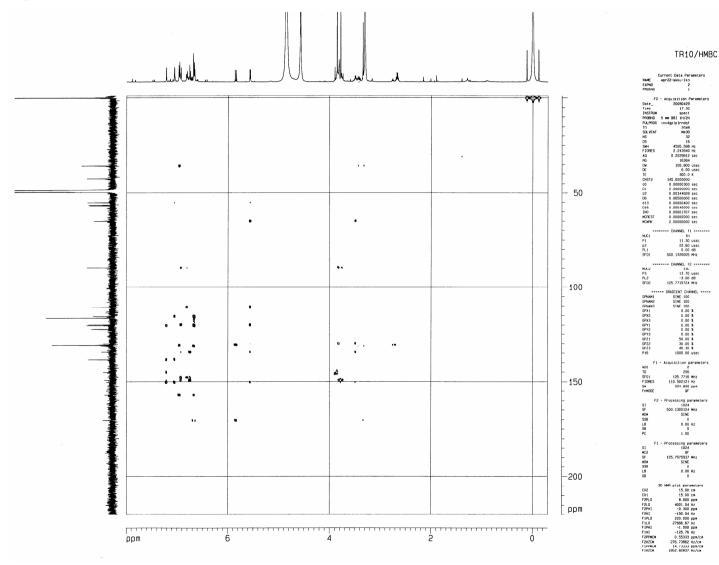


Figure 11. HMBC data of 2