Electronic Supplementary Material (ESI) for RSC Advances. This journal is © The Royal Society of Chemistry 2018

Supporting information for

## Anti-Phytopathogenic Sesquiterpenoid-Xanthone Adducts from Potato Endophytic Fungus *Bipolaris eleusines*

Juan He, Man-Si Yang, Wen-Xiang Wang, Zheng-Hui Li, Waill Ahmed Mohamed Elkhateeb, Ting-Chi Wen,\* Hong-Lian Ai,\* and Tao Feng\*

## **Contents**

## Supplementary Figures

Figure S1. <sup>1</sup>H NMR spectrum in CDCl<sub>3</sub> for bipolenin I (1)

Figure S2. <sup>13</sup>C NMR and DEPT spectrum in CDCl<sub>3</sub> for bipolenin I (1)

Figure S3. <sup>1</sup>H-<sup>1</sup>H COSY spectrum in CDCl<sub>3</sub> for bipolenin I (1)

Figure S4. HSQC spectrum in CDCl<sub>3</sub> for bipolenin I (1)

Figure S5. HMBC spectrum in CDCl<sub>3</sub> for bipolenin I (1)

Figure S6. ROESY spectrum in CDCl<sub>3</sub> for bipolenin I (1)

Figure S7. HRESIMS for bipolenin I (1)

Figure S8. <sup>1</sup>H NMR spectrum in CDCl<sub>3</sub> for bipolenin I (1)

Figure S9. <sup>13</sup>C NMR and DEPT spectrum in CDCl<sub>3</sub> for bipolenin J (2)

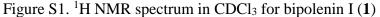
Figure S10. <sup>1</sup>H-<sup>1</sup>H COSY spectrum in CDCl<sub>3</sub> for bipolenin J (2)

Figure S11. HSQC spectrum in CDCl<sub>3</sub> for bipolenin J (2)

Figure S12. HMBC spectrum in CDCl<sub>3</sub> for bipolenin J (2)

Figure S13. ROESY spectrum in CDCl<sub>3</sub> for bipolenin J (2)

Figure S14. HRESIMS for bipolenin J (2)



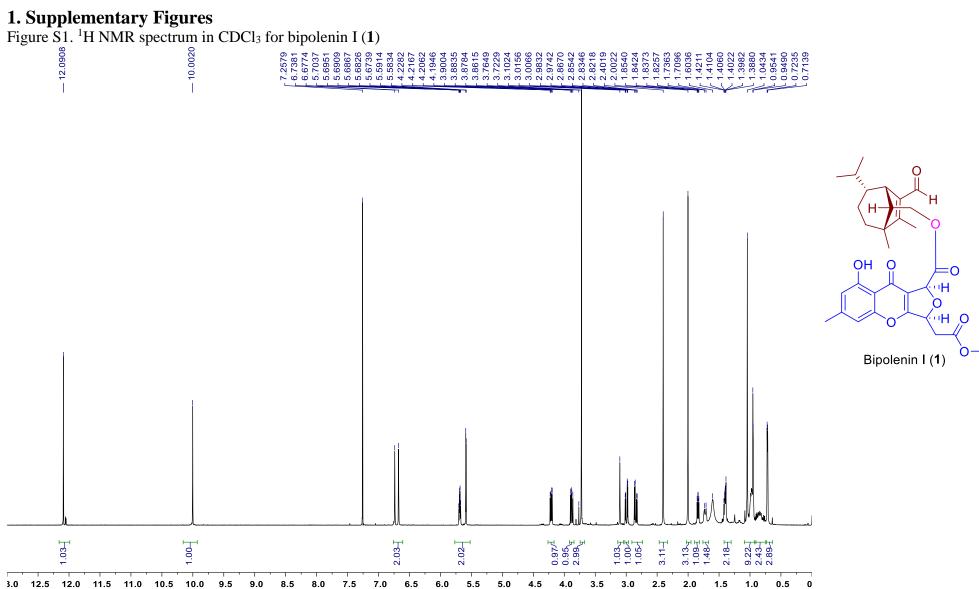
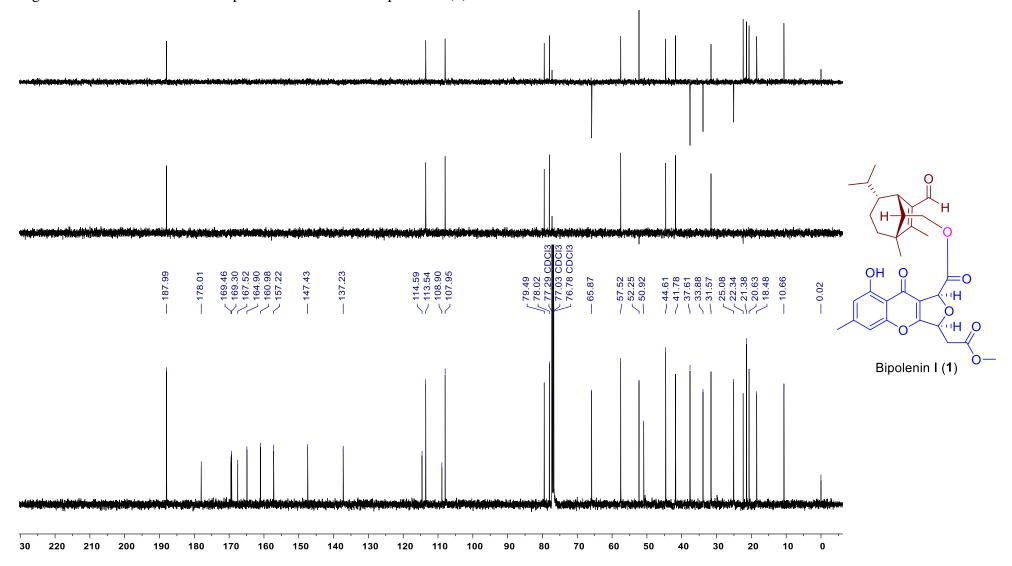
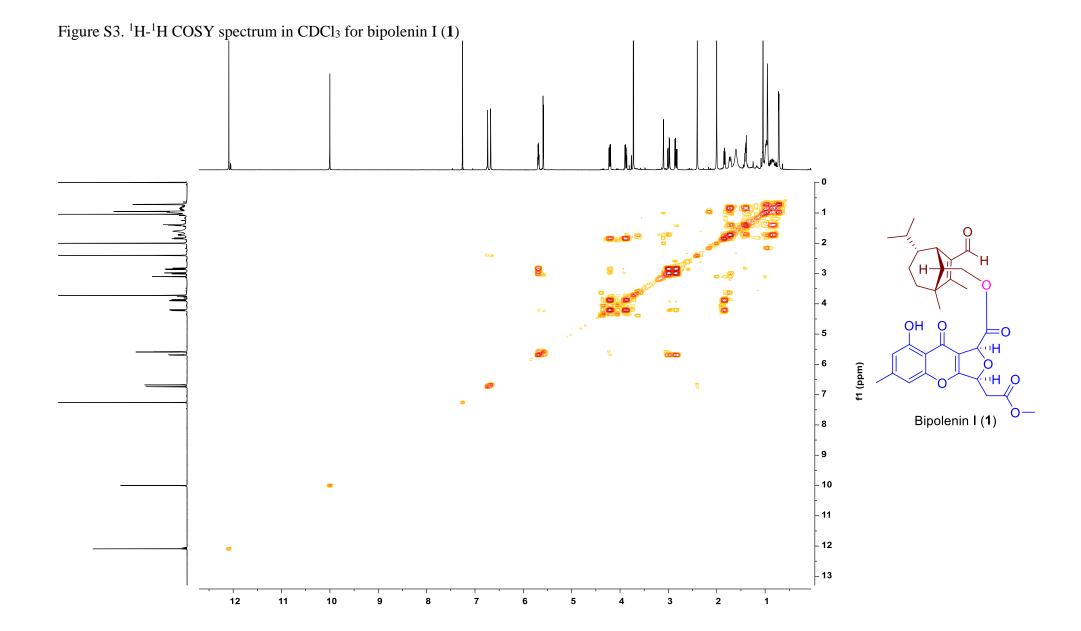


Figure S2. <sup>13</sup>C NMR and DEPT spectrum in CDCl<sub>3</sub> for bipolenin I (1)





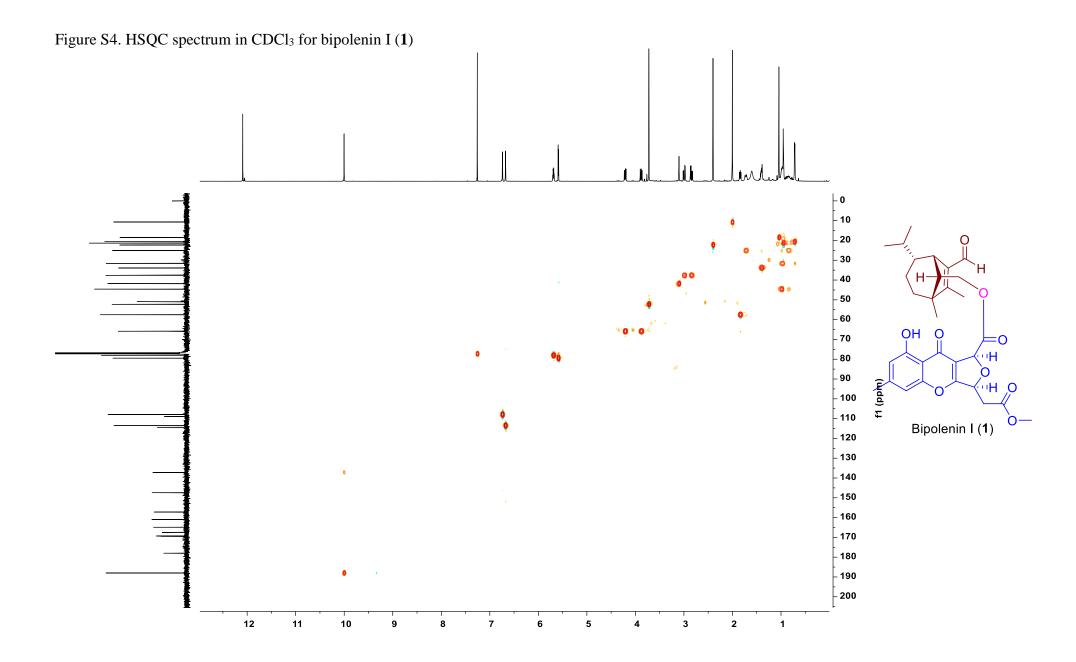


Figure S5. HMBC spectrum in CDCl $_3$  for bipolenin I (1) - 10 - 20 - 30 - 40 - 50 - 70 ⊢o - 80 - 100 - 110 Bipolenin I (1) - 120 - 130 - 140 150 - 160 - 170 -- 180 -- 190 - 200 12 11 10

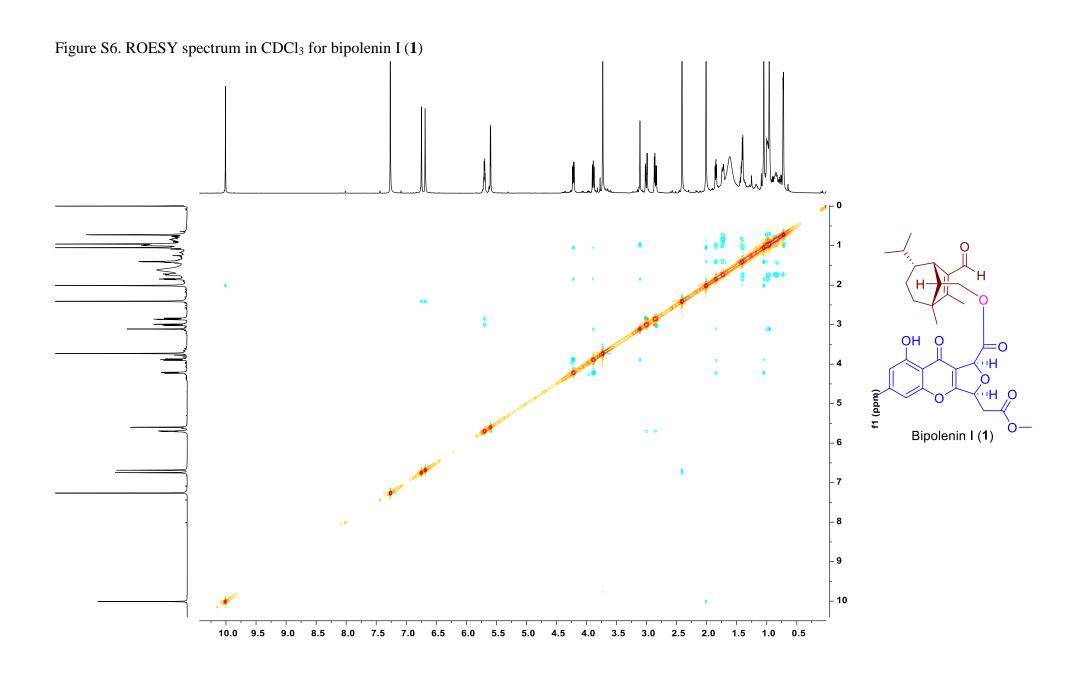


Figure S7. HRESIMS for bipolenin I (1)

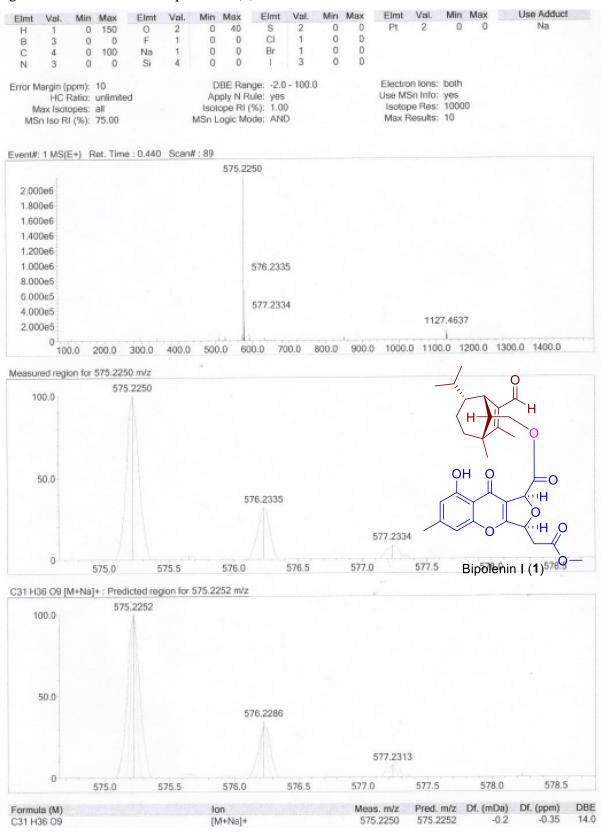
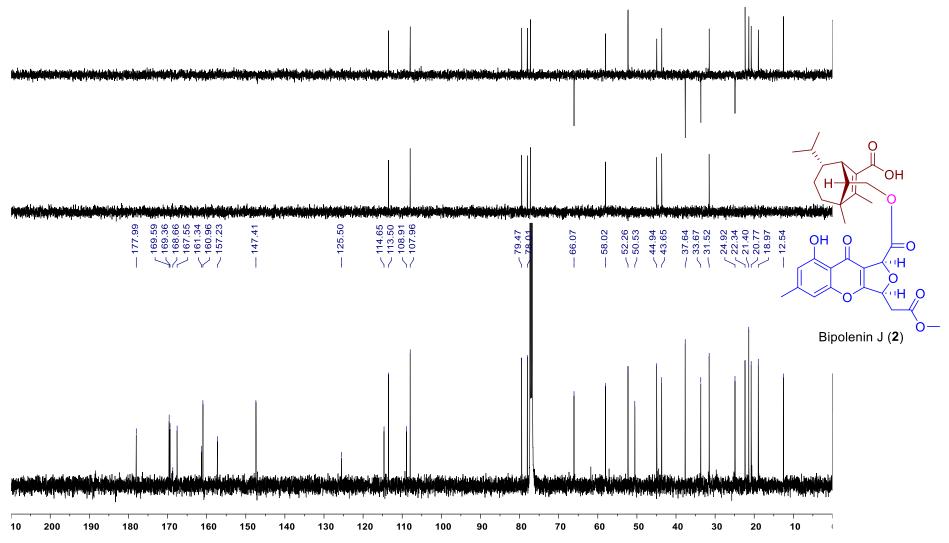
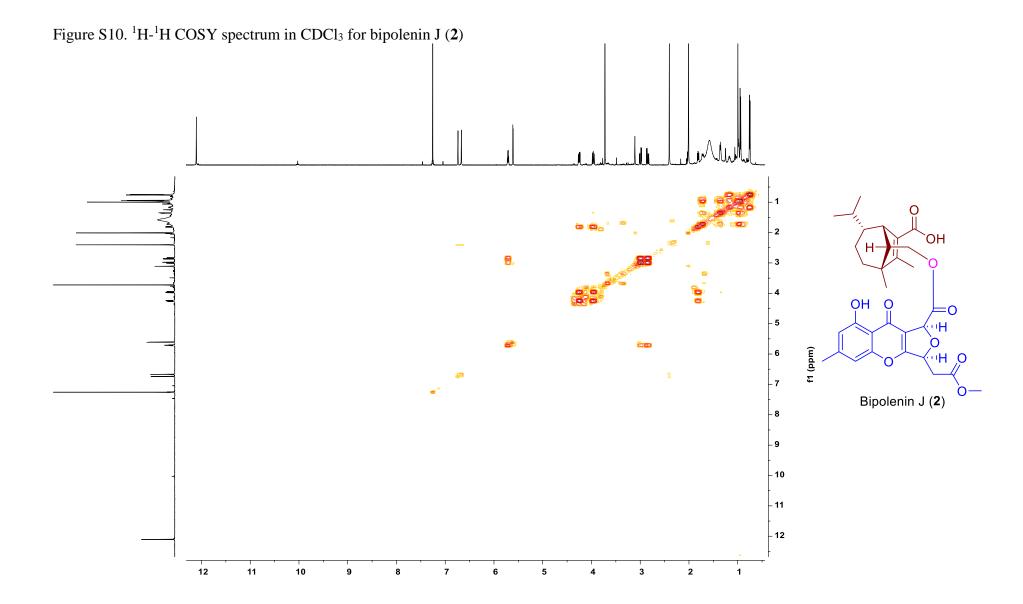


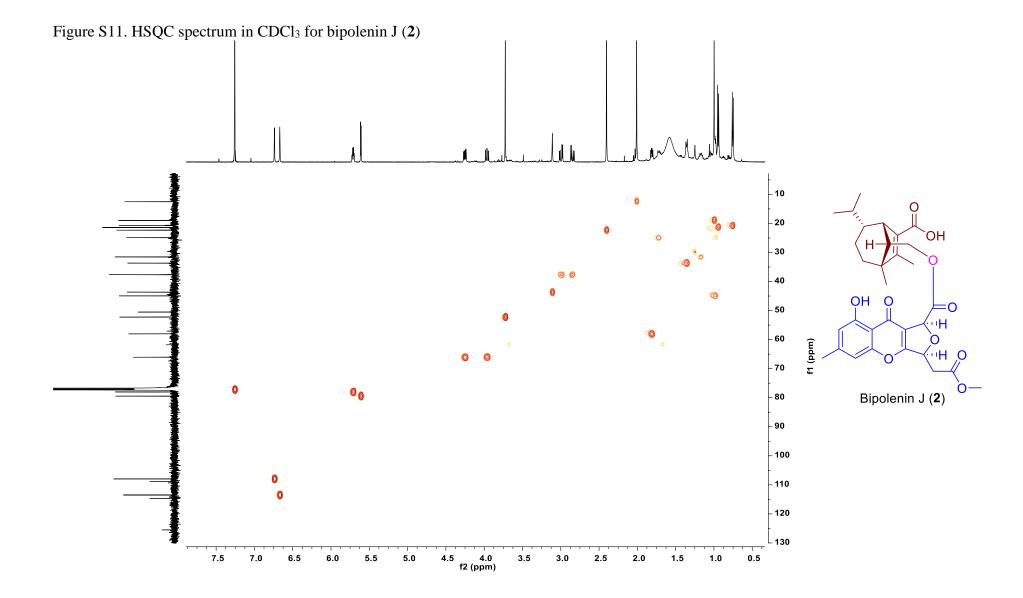
Figure S8. <sup>1</sup>H NMR spectrum in CDCl<sub>3</sub> for bipolenin J (2) Bipolenin J (2) 1.00년 0.93 1.04 1.04 3.37

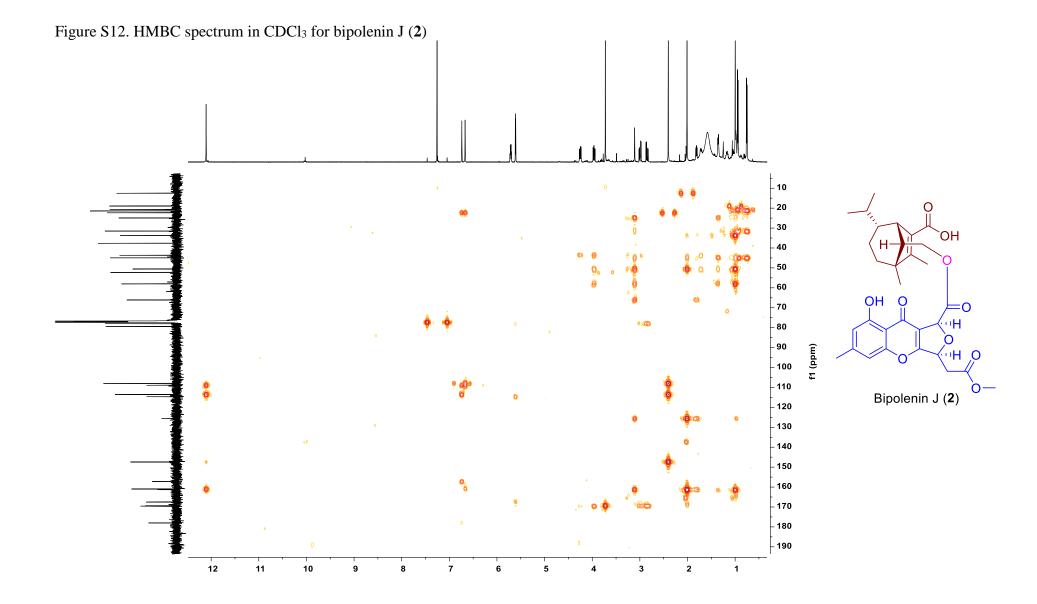
3.0 12.5 12.0 11.5 11.0 10.5 10.0 9.5

Figure S9. <sup>13</sup>C NMR spectrum in CDCl<sub>3</sub> for bipolenin J (2)









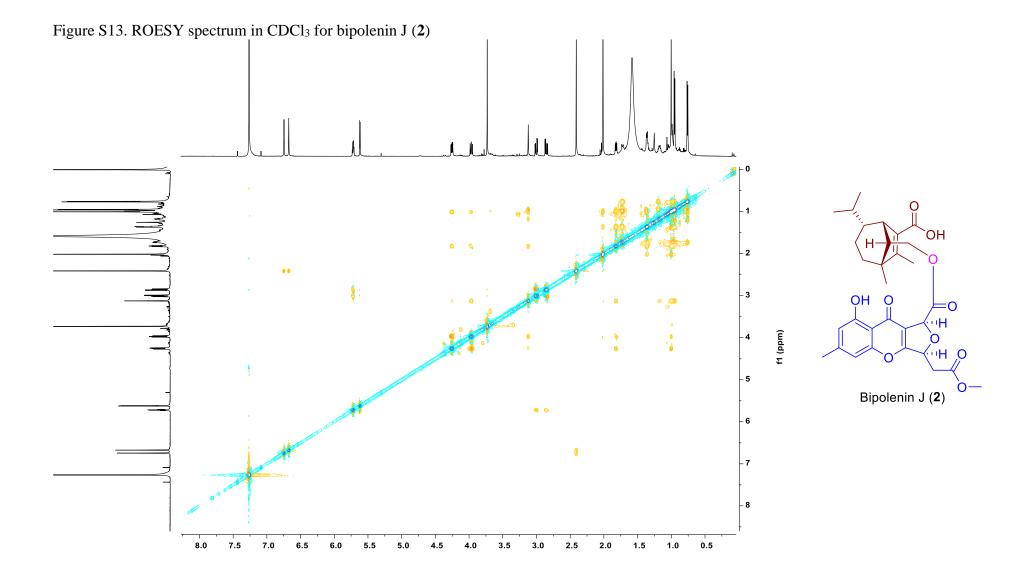


Figure S14. HRESIMS spectrum for bipolenin J (2)

