## Supplementary materials

Phenylspirodrimane derivatives from cultures of the fungus *Stachybotrys* chartarum YIM DT 10079

<sup>a</sup> Key Laboratory for Microbial Resources, Ministry of Education, Yunnan Institute of Microbiology, Yunnan University, Kunming 650091, P. R. China

<sup>b</sup> Engineering and Technology Research Center of Liupanshan Resources, College of Chemistry and Chemical Engineering, Ningxia Normal University, Guyuan 756000, P.

R. China

<sup>c</sup>School of Chemical Biology and Environment, Yuxi Normal University, Yuxi 653100, P. R. China

<sup>d</sup>BioBioPha Co., Ltd., Kunming 650201, P. R. China

dingjh\_nx@126.com; f.wang@mail.biobiopha.com; hudongbao@126.com; mlwen@ynu.edu.cn.

Note

1. These authors contributed equally to this work and should be considered as co-first authors.

## Supplemental file (Figure) Legend

- Figure S1. <sup>1</sup>H-NMR spectrum of Compound **1**
- Figure S2. <sup>13</sup>C-NMR spectrum of Compound 1
- Figure S3. The HSQC spectrum of Compound 1
- Figure S4. The <sup>1</sup>H-<sup>1</sup>H COSY spectrum of Compound **1**
- Figure S5. The HMBC spectrum of Compound 1
- Figure S6. The ROESY spectrum of Compound 1
- Figure S7. HRESIMS spectrum of Compound 1
- Figure S8. The UV spectrum of Compound 1
- Figure S9. The IR spectrum of Compound 1

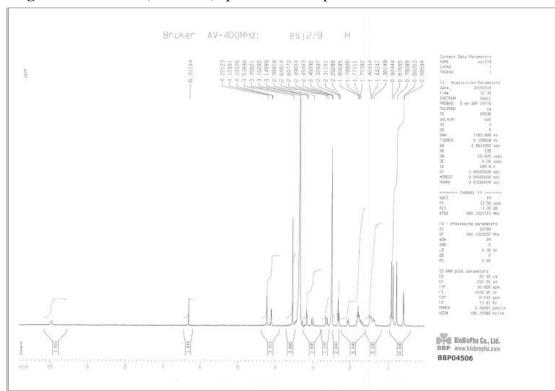
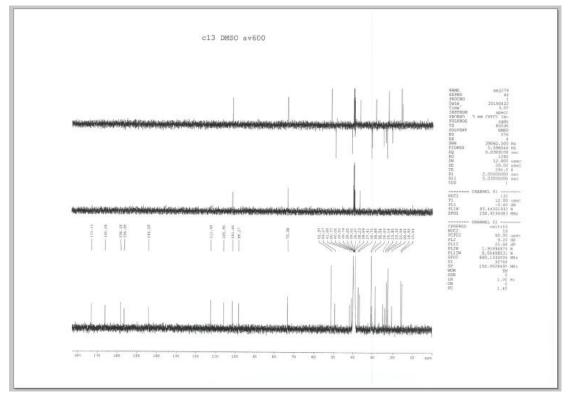


Figure S1. <sup>1</sup>H NMR(400 MHz) spectrum of compound 1

Figure S2. <sup>13</sup>C NMR(100 MHz) spectrum of compound 1



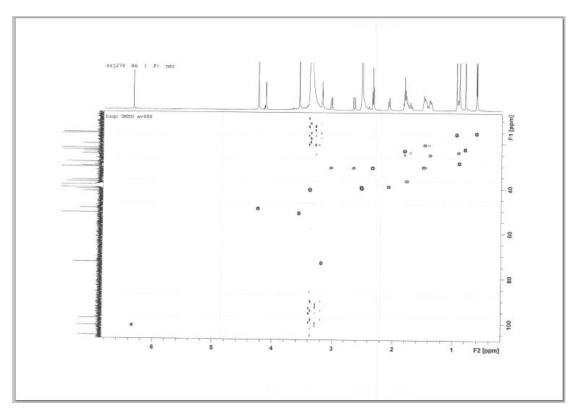
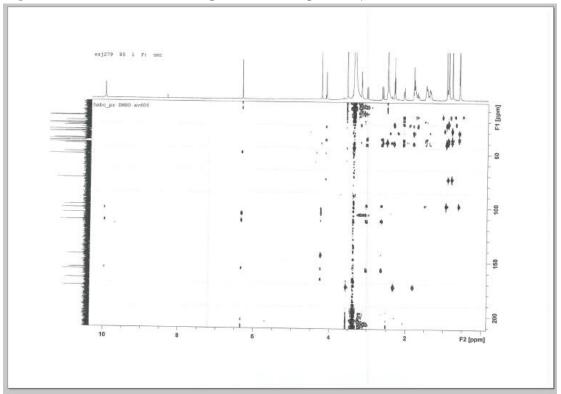


Figure S3 HSQC (600 MHz) spectrum of compound 1.

Figure S4. HMBC (600 MHz) spectrum of compound 1.



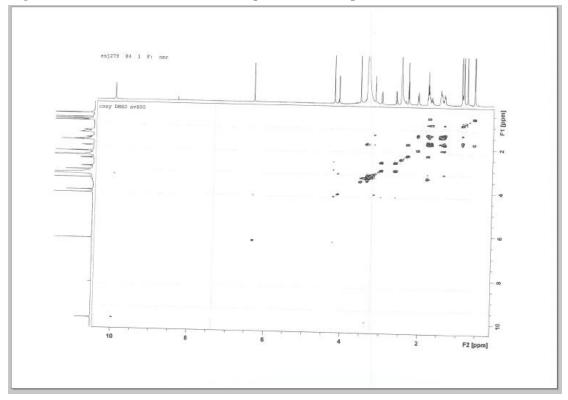
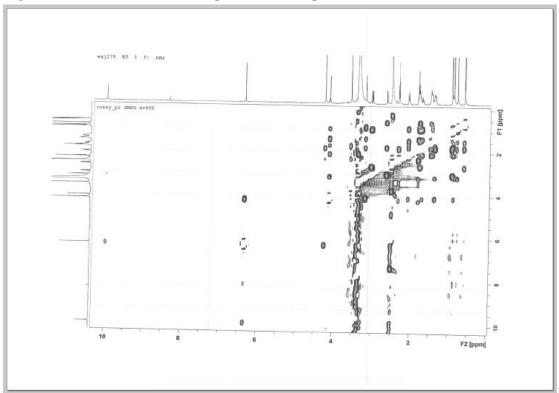
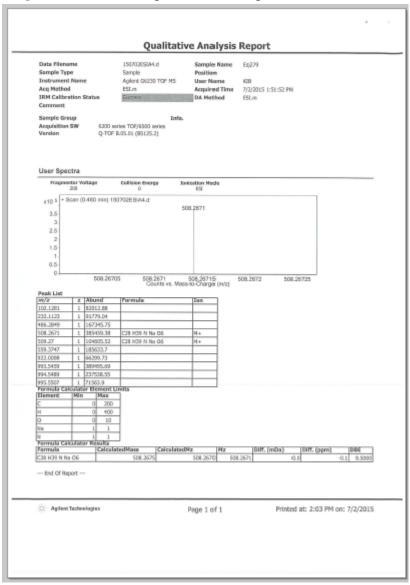


Figure S5. <sup>1</sup>H-<sup>1</sup>H COSY (600 MHz) spectrum of compound 1.

Figure S6. ROESY (600 MHz) spectrum of compound 1.





## Figure S7. HREIMS spectrum of compound 1.

Figure S8. The UV spectrum of Compound 1

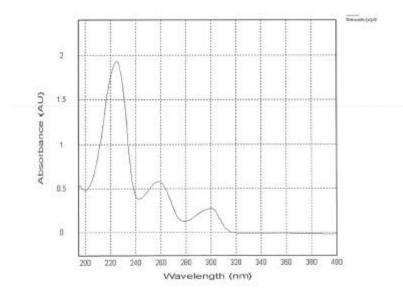


Figure S9. The IR spectrum of Compound 1

