

## Supplementary Material

### First total synthesis of salvianolic acid C, tournefolic acid A, and tournefolal

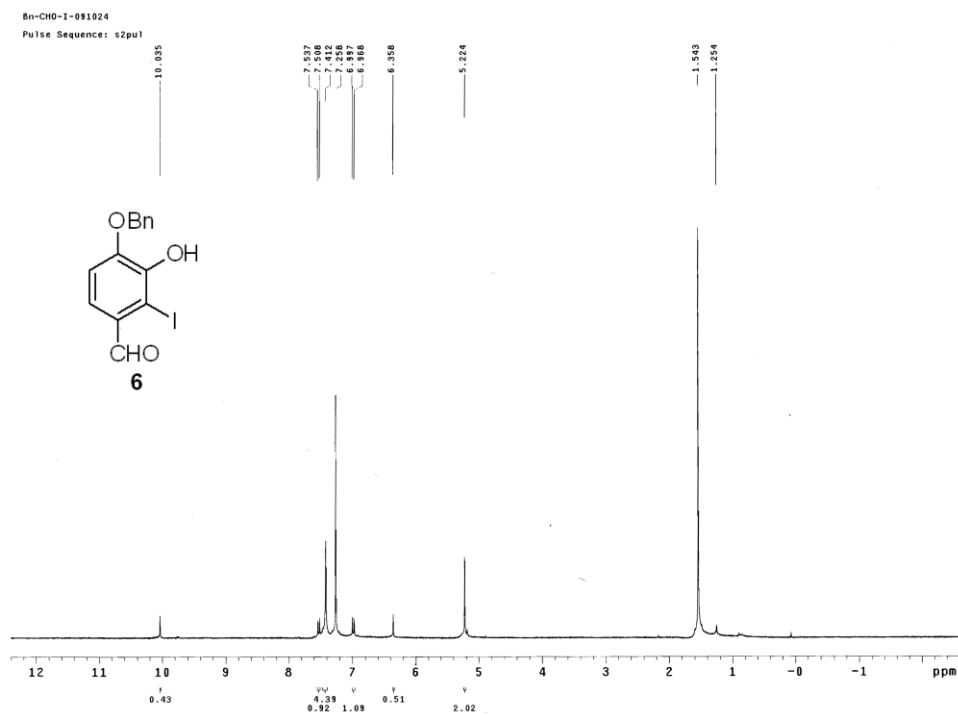
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<sup>a</sup> School of Pharmacy, East China University of Science and Technology, 130 Meilong Road, Shanghai 200237, PR of China

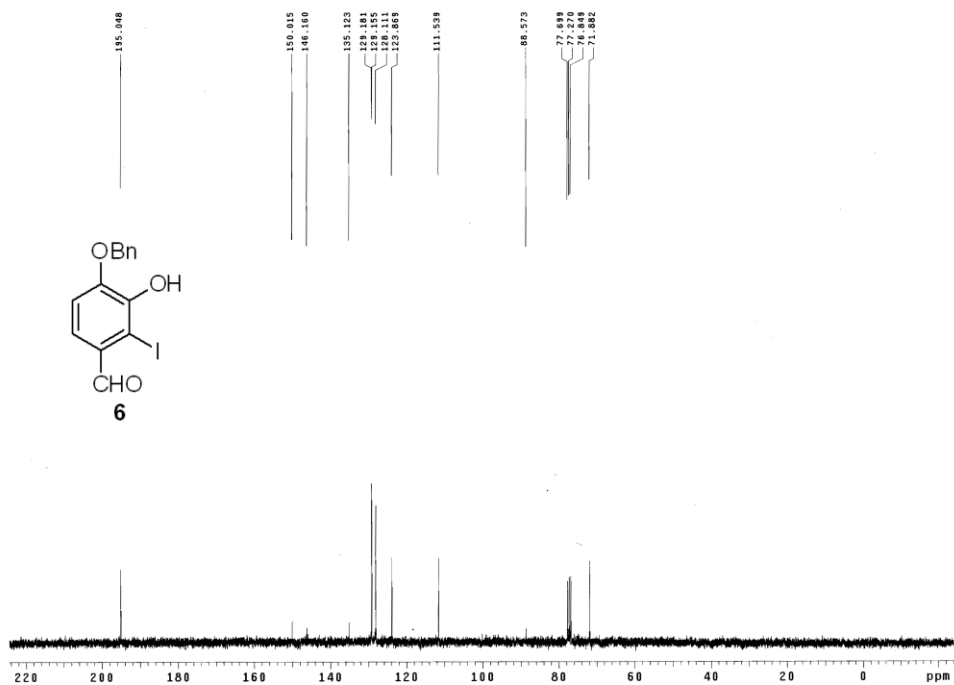
<sup>b</sup> Shanghai Research Center for Modernization of Traditional Chinese Medicine, Shanghai Institute of Materia Medica, 501 Haik Road, Shanghai, 201203, PR of China

E-mail: [mlei@mail.shcnc.ac.cn](mailto:mlei@mail.shcnc.ac.cn); [simmhulh@mail.shcnc.ac.cn](mailto:simmhulh@mail.shcnc.ac.cn)

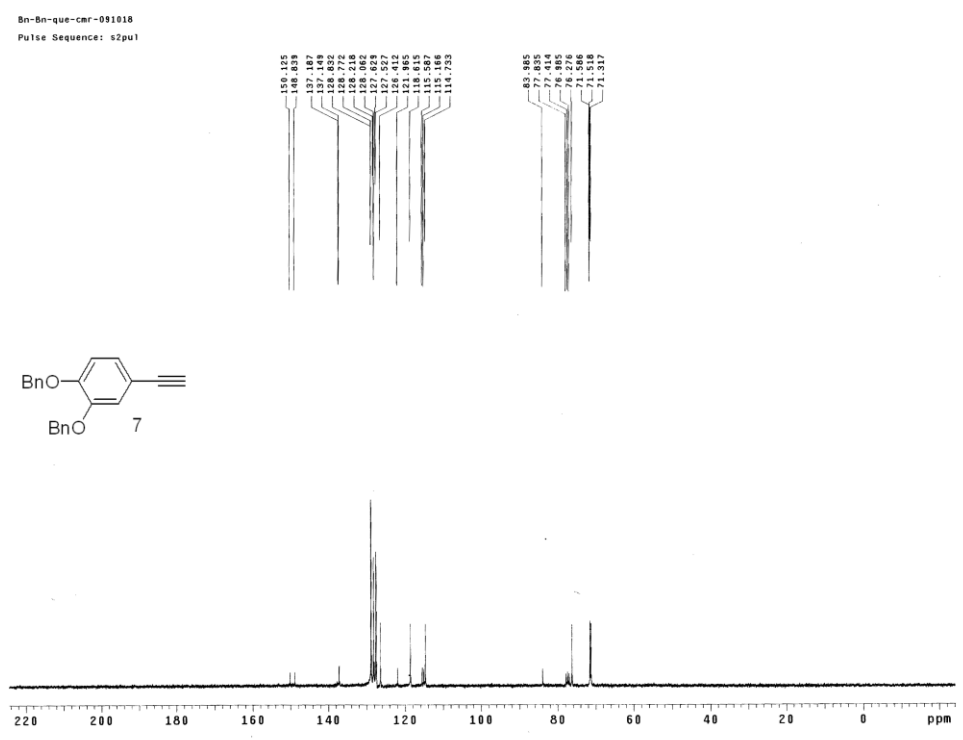
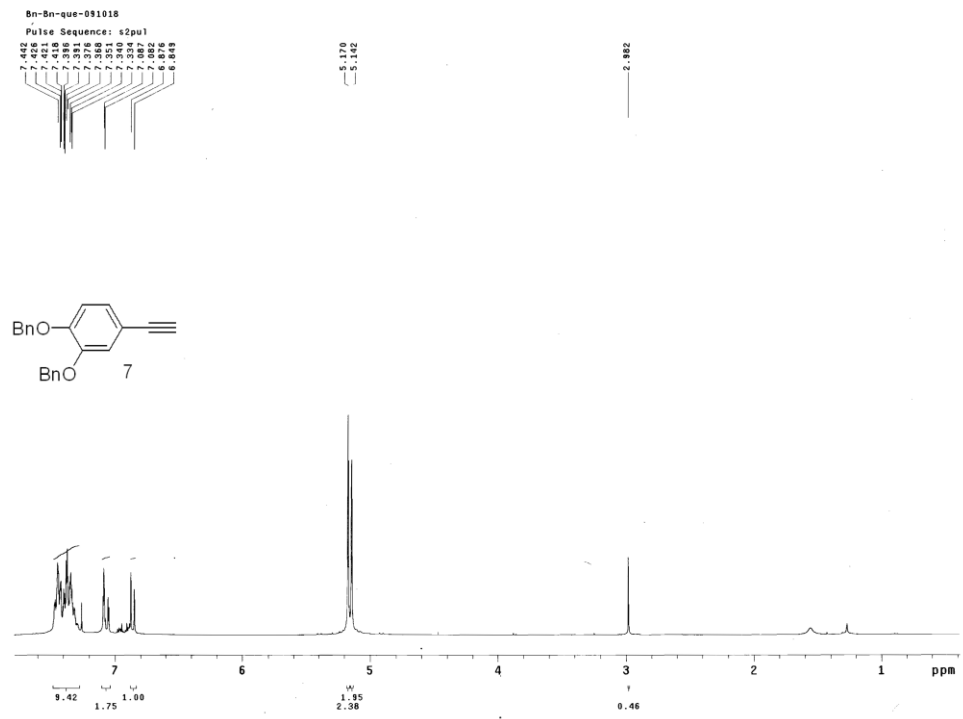
Spectrum data of all new compounds

 $^1\text{H}$  &  $^{13}\text{C}$  NMR spectrum of **6**

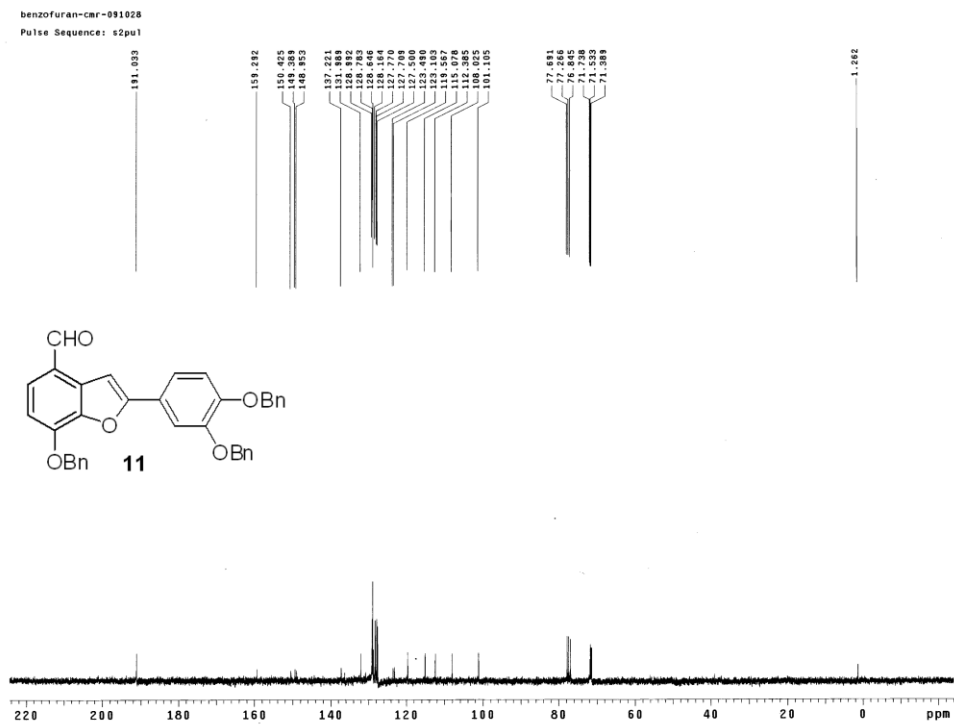
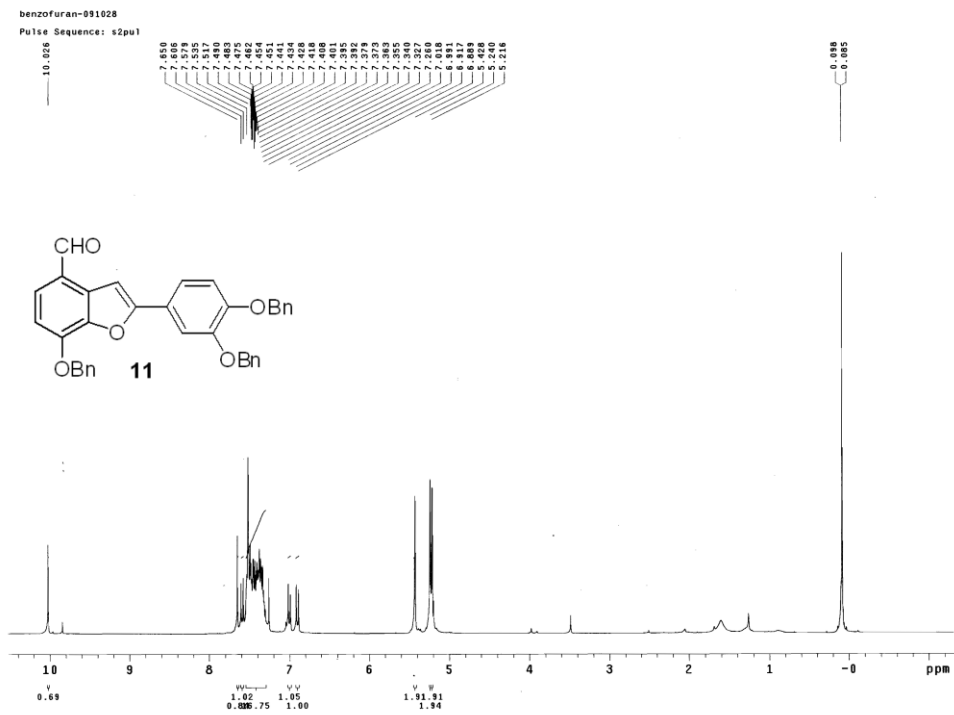
Bn-CHO-I-car-091014  
Pulse Sequence: s2pu1



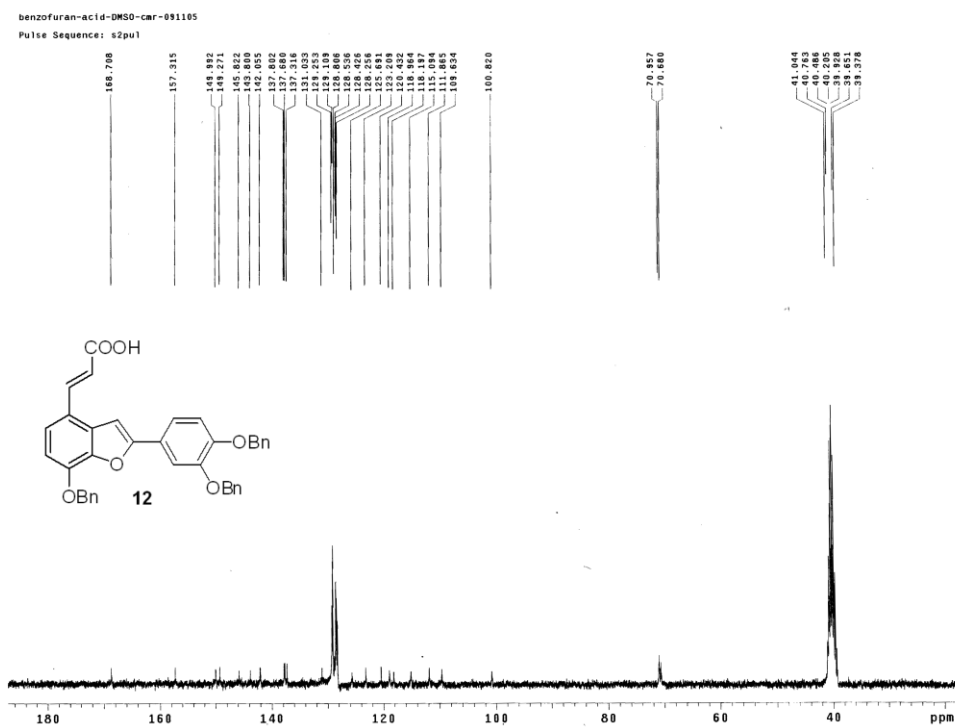
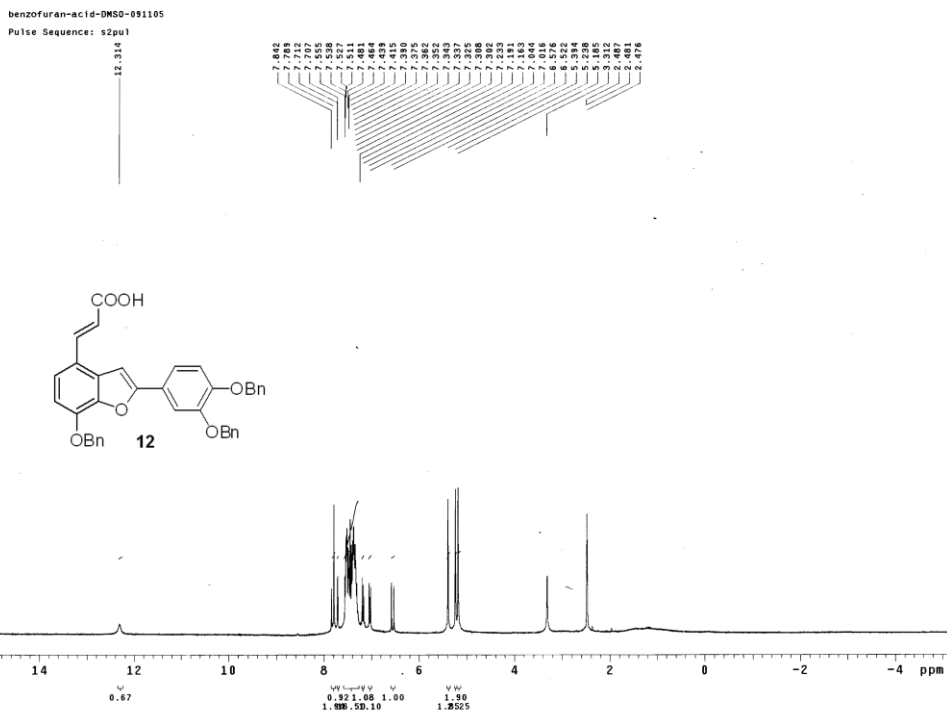
$^1\text{H}$  &  $^{13}\text{C}$  NMR spectrum of **7**



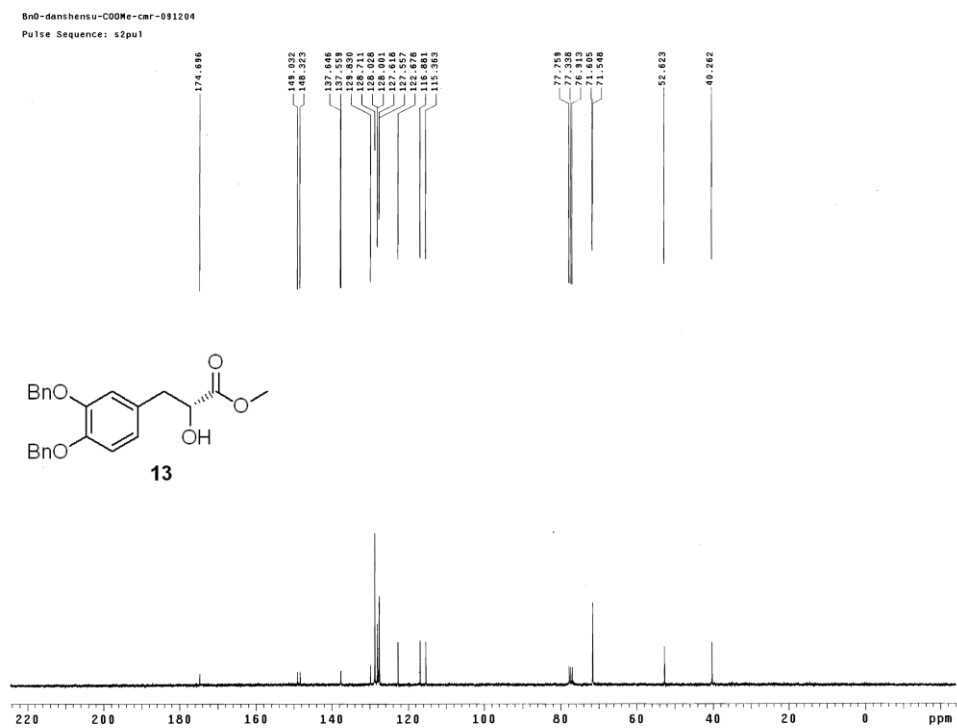
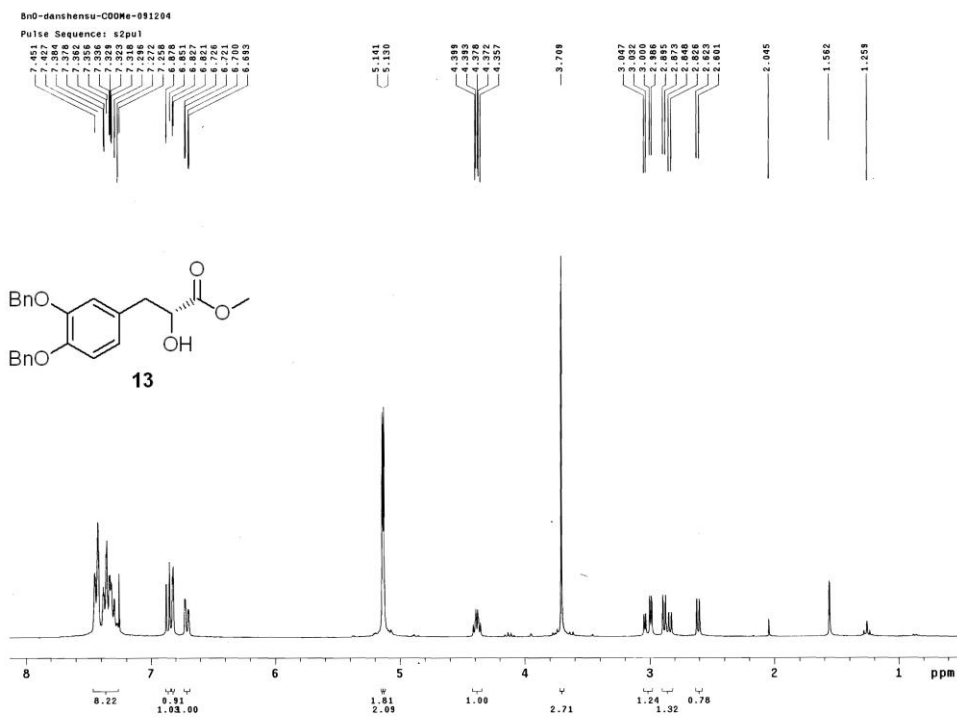
<sup>1</sup>H & <sup>13</sup>C NMR spectrum of **11**



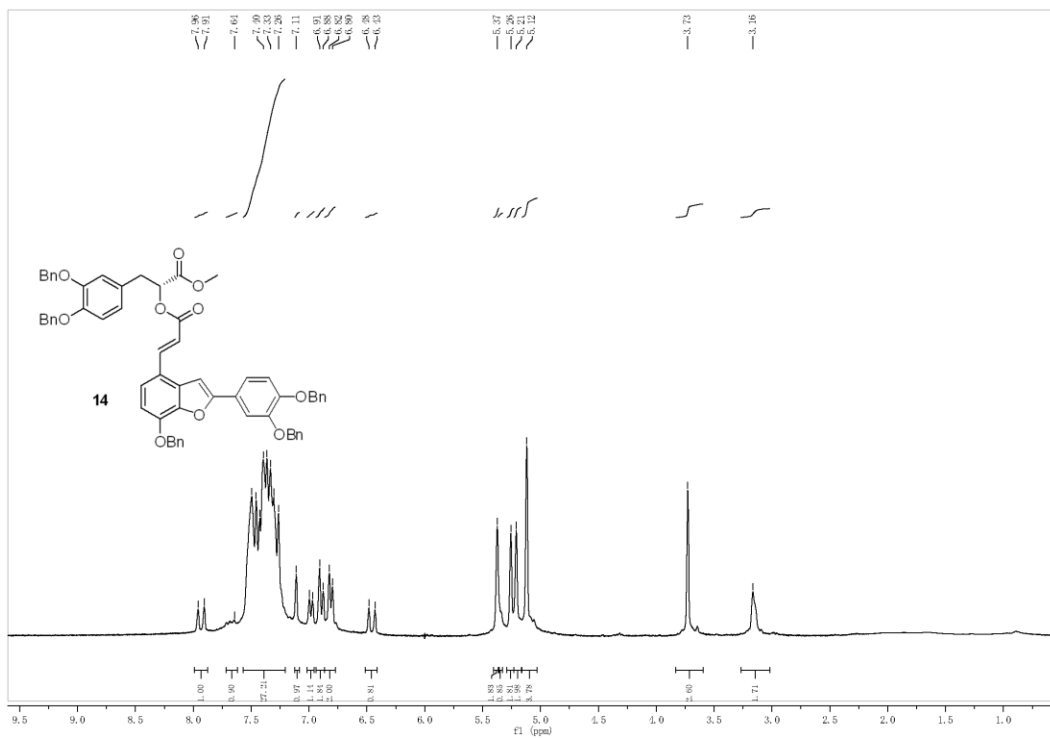
<sup>1</sup>H & <sup>13</sup>C NMR spectrum of **12**



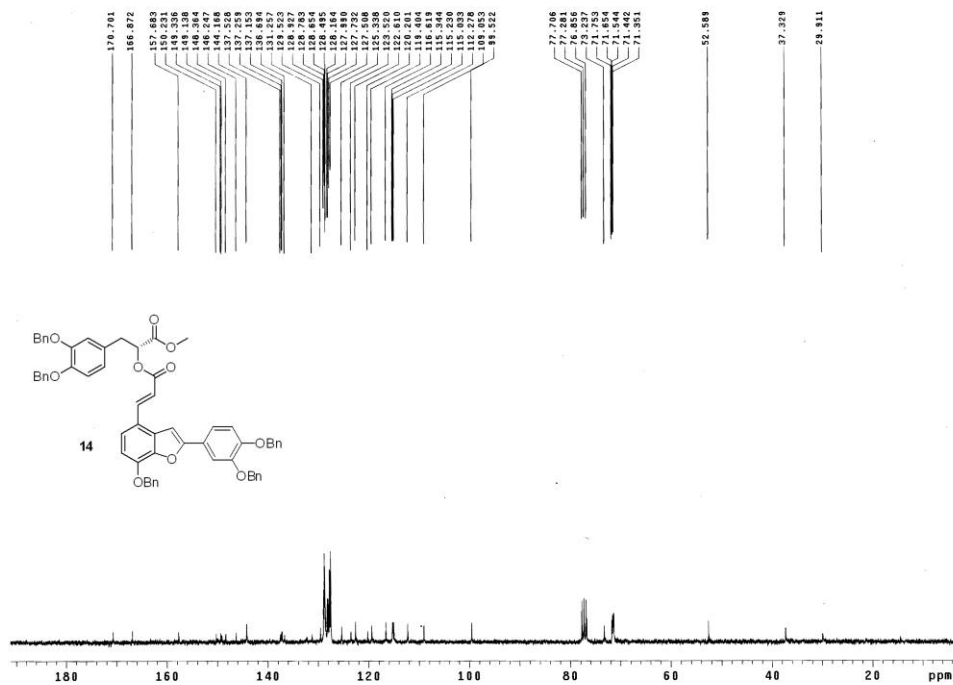
<sup>1</sup>H & <sup>13</sup>C NMR spectrum of **13**



$^1\text{H}$  &  $^{13}\text{C}$  NMR spectrum of **14**

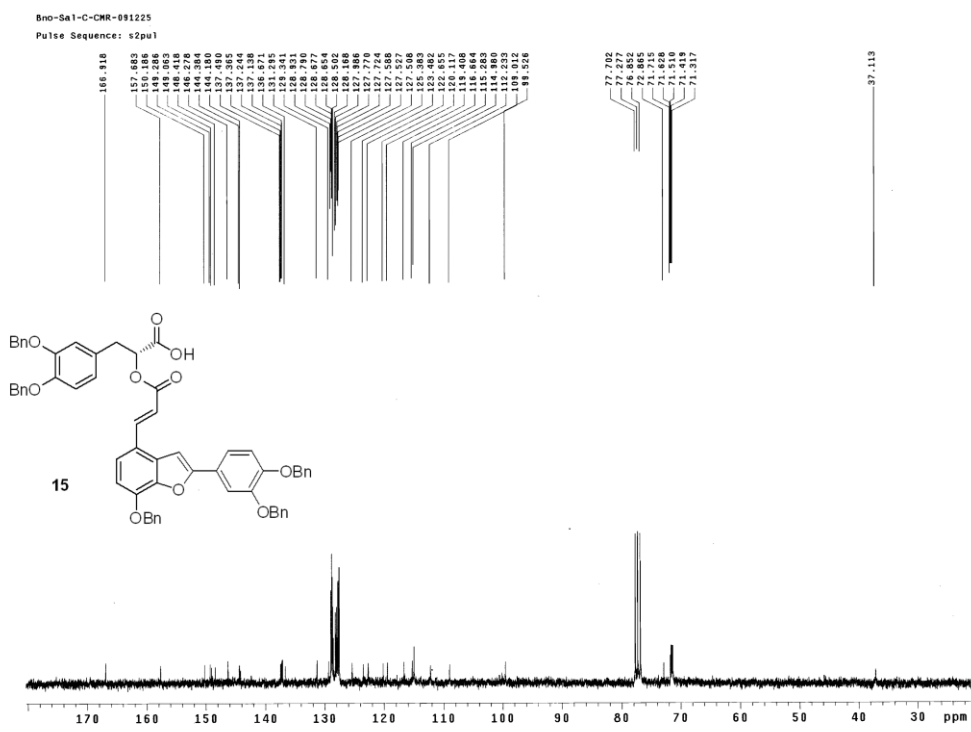
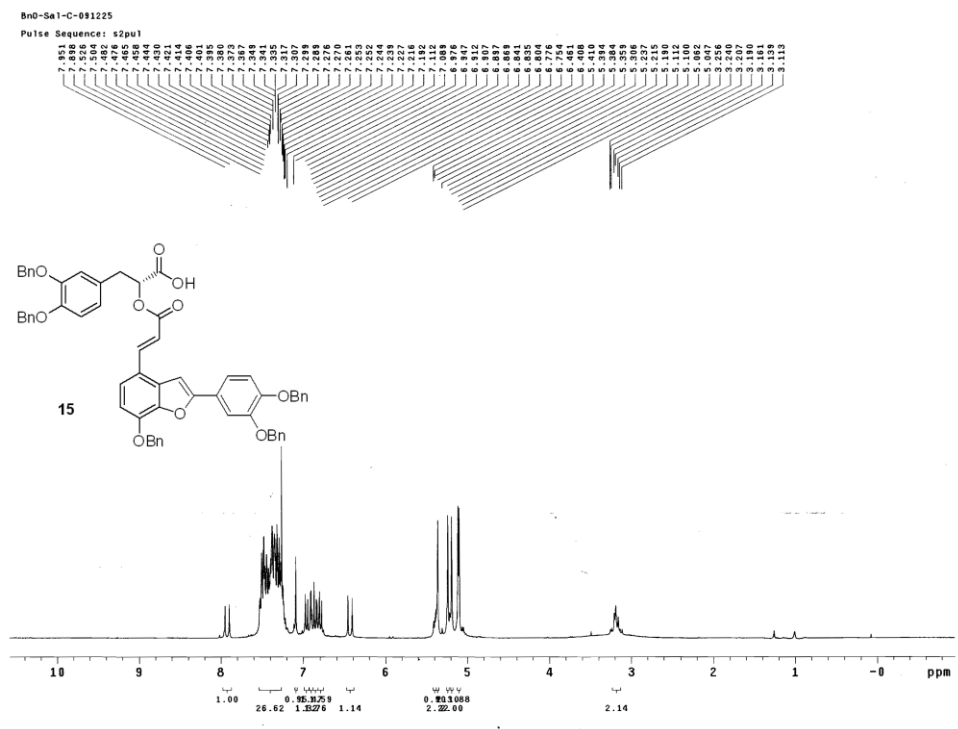


Bn0-Sa1 C-cw-091209  
Pulse Sequence: s2pu1

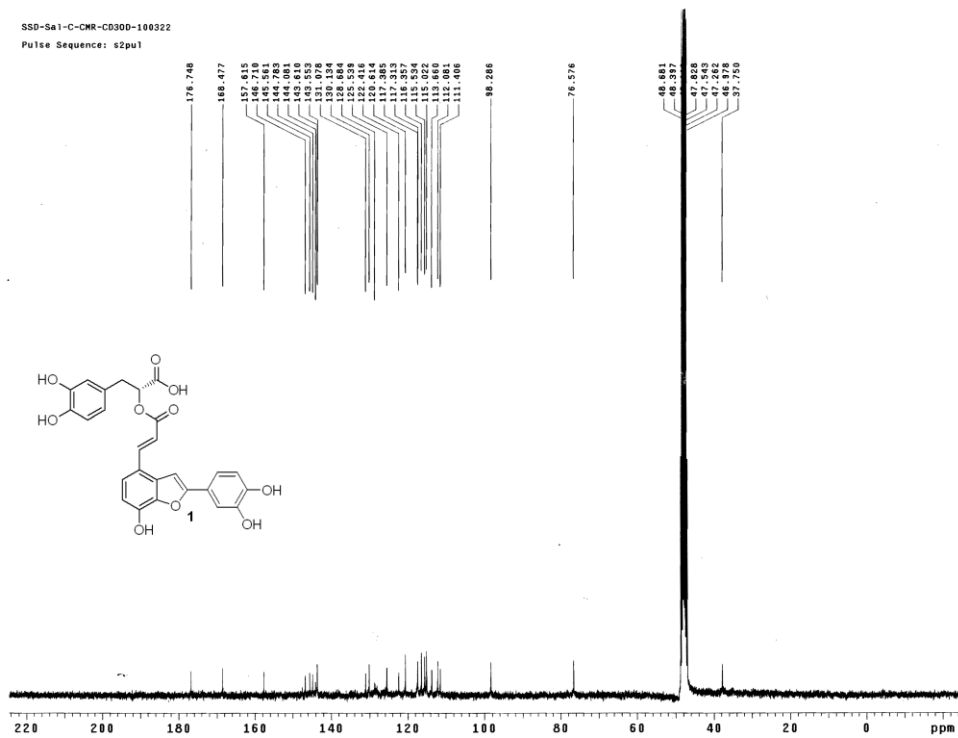
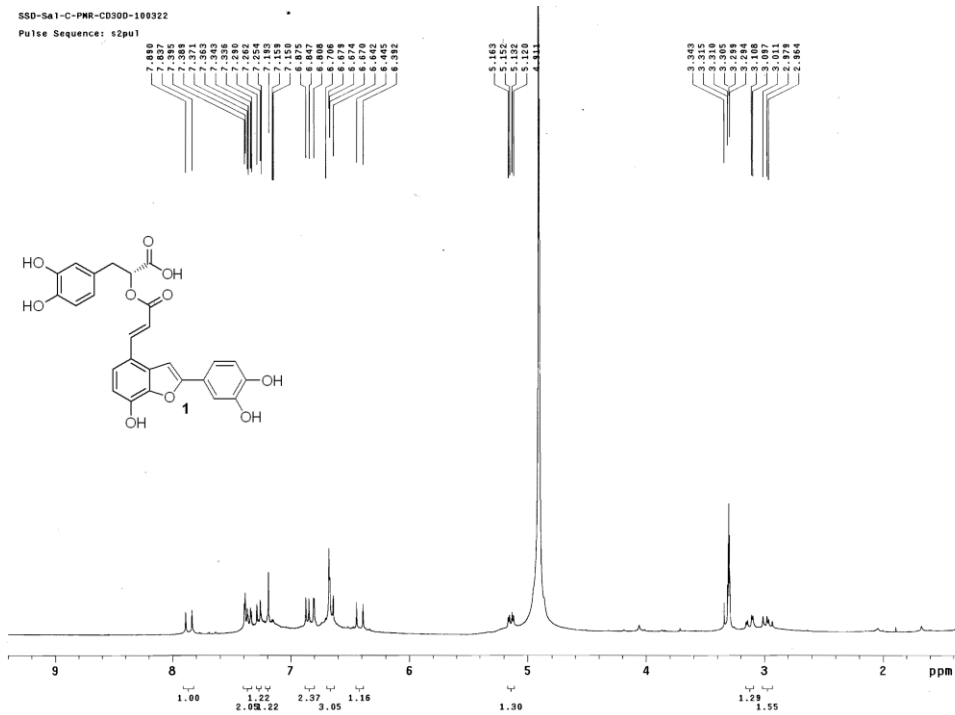




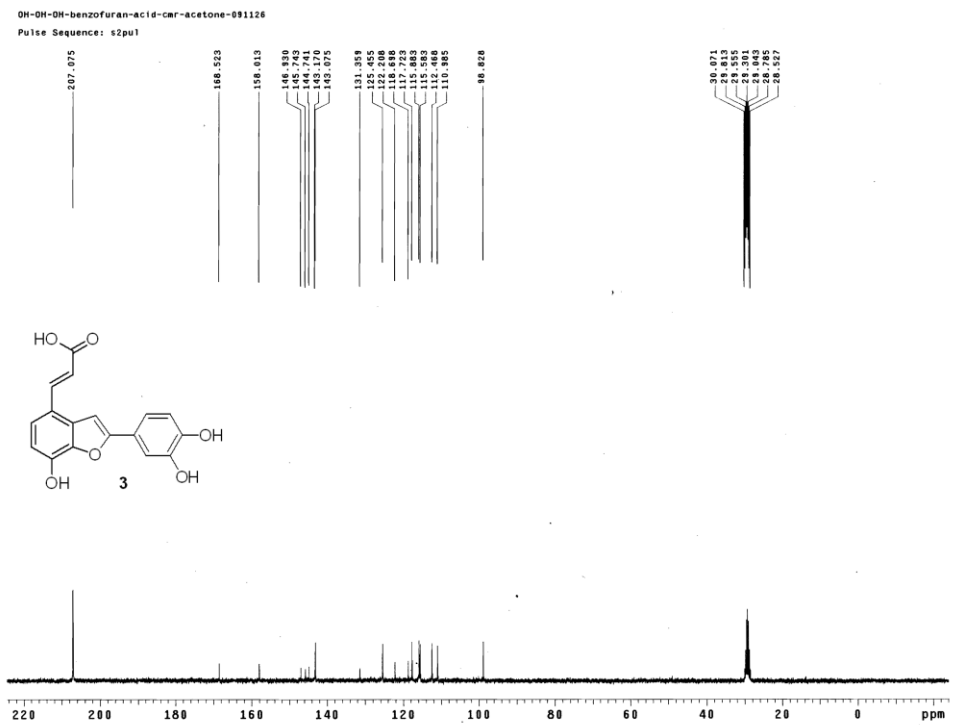
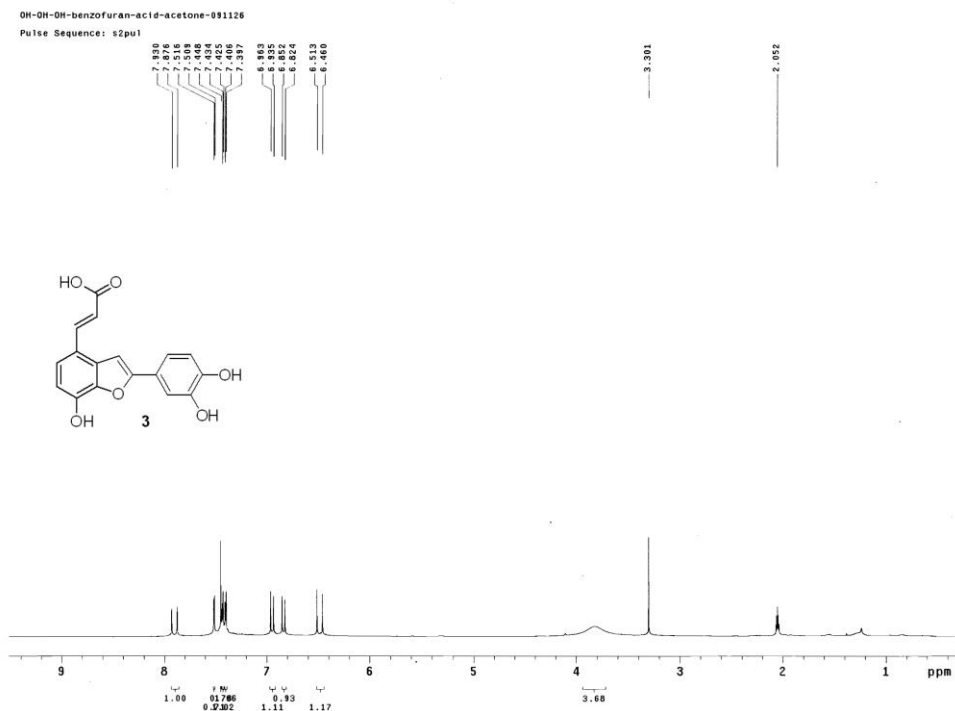
<sup>1</sup>H & <sup>13</sup>C NMR spectrum of **15**



<sup>1</sup>H & <sup>13</sup>C NMR spectrum of **1**



<sup>1</sup>H & <sup>13</sup>C NMR spectrum of 3



<sup>1</sup>H & <sup>13</sup>C NMR spectrum of 4

