Supplementary Materials: Two new proline-containing catechin glucosides from water soluble extract of *Codonopsis pilosula*

Fu-Ying Qin, Li-Zhi Cheng, Yong-Ming Yan, Bao-Hua Liu and Yong-Xian Cheng*

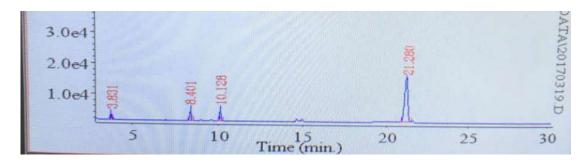


Figure S1. GC analysis of the derivative of D-glucose

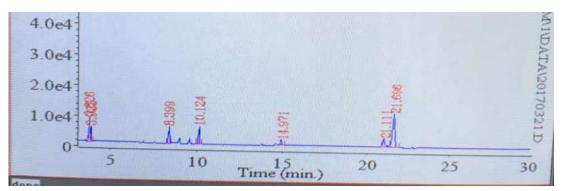


Figure S2. GC analysis of the derivative of L-glucose

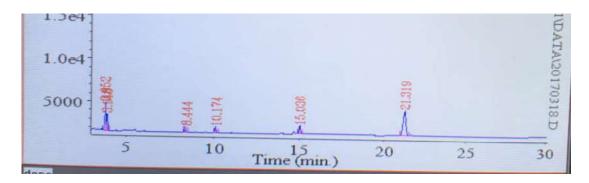


Figure S3. GC analysis of the derivative of compound 1 after hydrolysis

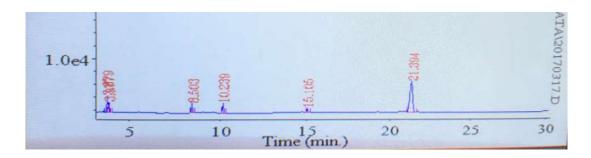


Figure S4. GC analysis of the derivative of compound 2 after hydrolysis

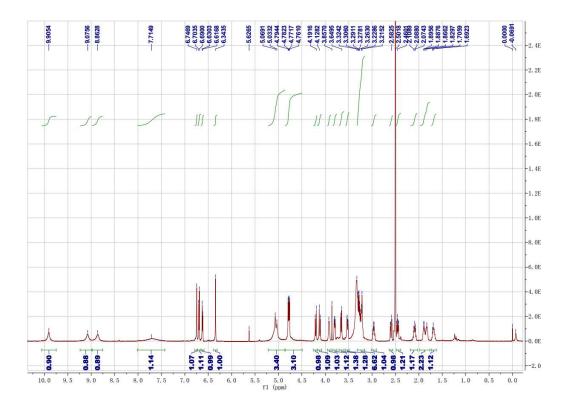


Figure S5.¹H NMR spectrum of **1** in DMSO-*d*₆

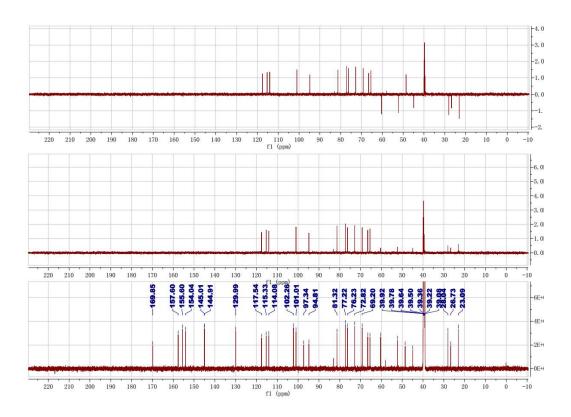


Figure S6. 13 C NMR and DEPT spectra of 1 in DMSO- d_6

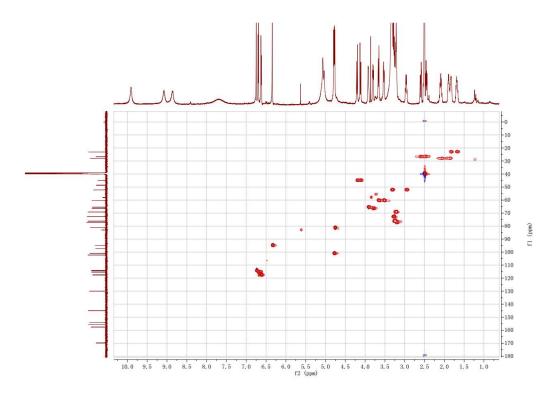


Figure S7. HSQC spectrum of 1 in DMSO-d₆

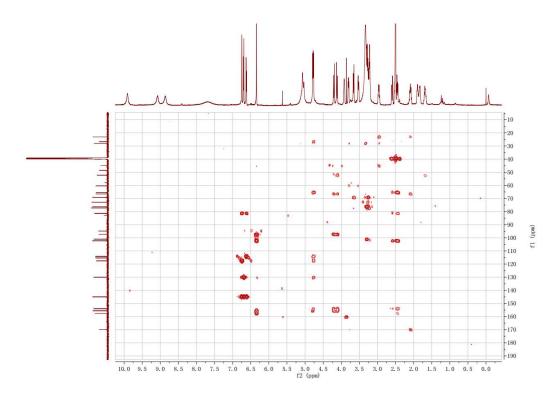


Figure S8. HMBC spectrum of 1 in DMSO- d_6

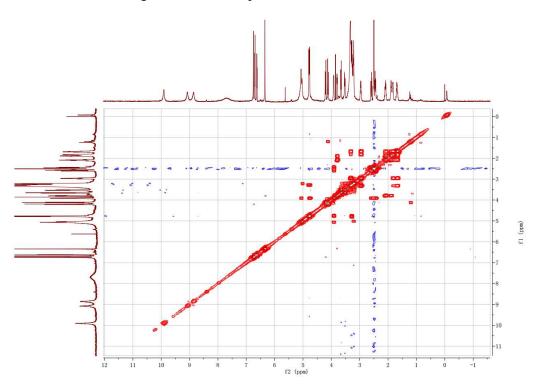


Figure S9. ¹H-¹H COSY spectrum of 1 inDMSO-d₆

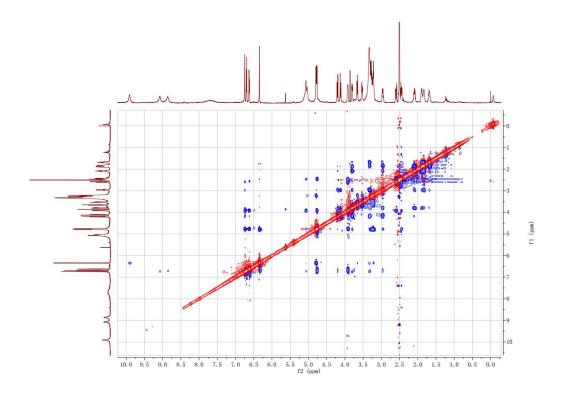


Figure S10. ROESY spectrum of 1 in DMSO-d₆

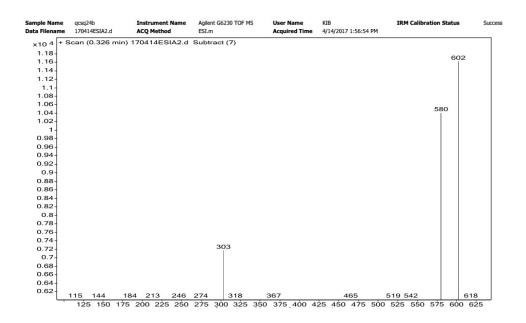
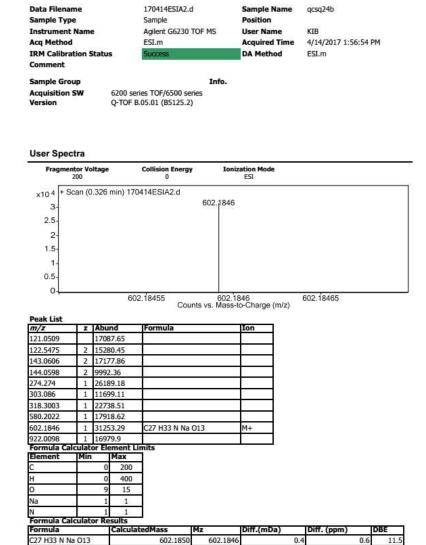


Figure S11. ESIMS of 1

Qualitative Analysis Report



--- End Of Report ---

Figure S12. HRESIMS of 1

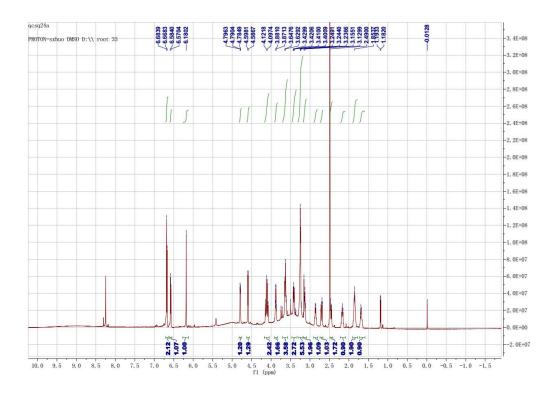


Figure S13. ¹H NMR spectrum of **2** in DMSO-d₆

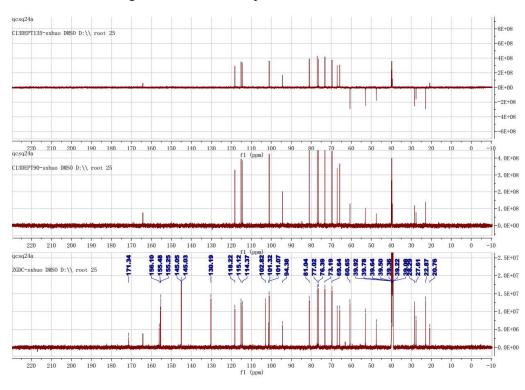


Figure S14. ¹³C NMR and DEPT spectra of **2** in DMSO-d₆

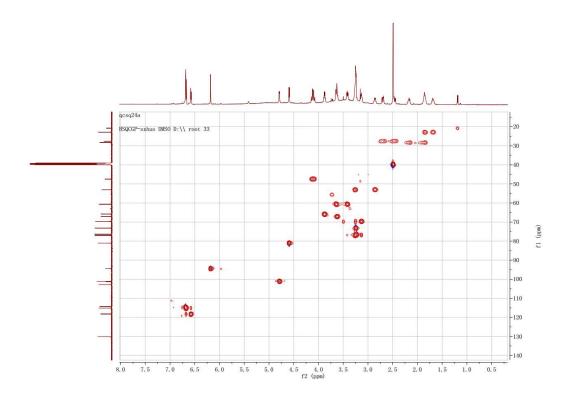


Figure S15. HSQC spectrum of 2 in DMSO-d₆

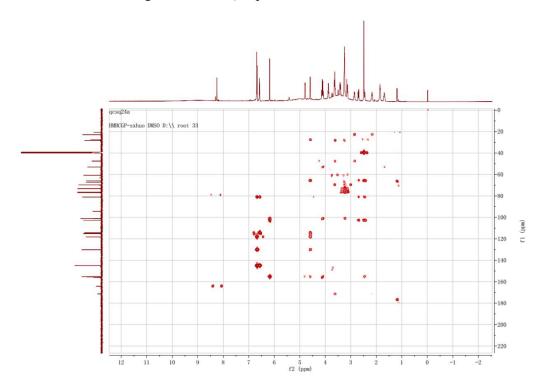


Figure S16. HMBC spectrum of 2 in DMSO-d₆

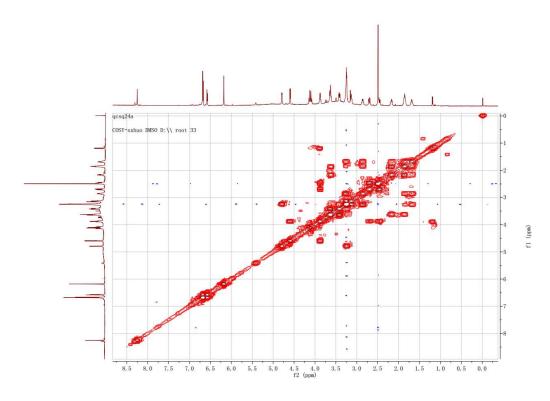


Figure S17. ${}^{1}\text{H-}{}^{1}\text{H COSY}$ spectrum of **2** in DMSO- d_{6}

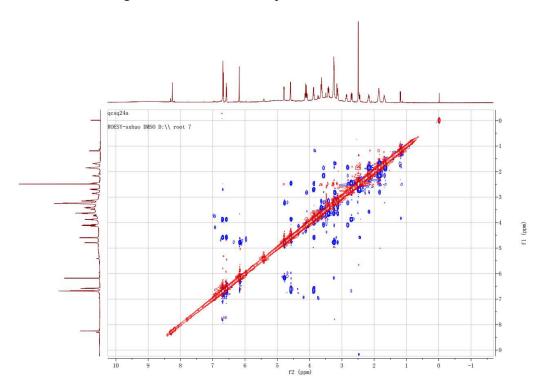


Figure S18. ROESY spectrum of $\mathbf{2}$ in DMSO- d_6

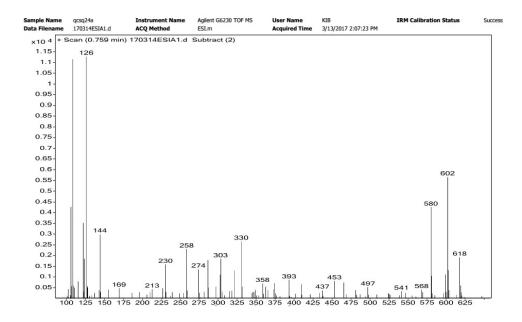
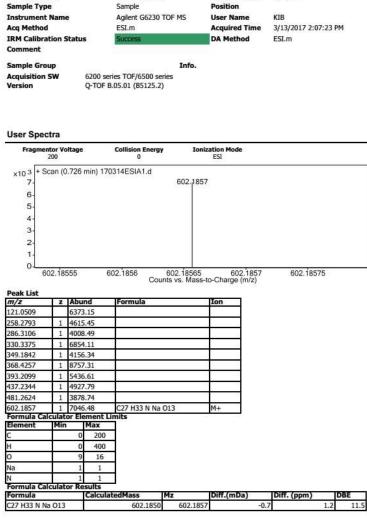


Figure S19. ESIMS of 2

Qualitative Analysis Report

170314ESIA1.d



⁻⁻⁻ End Of Report ---

Data Filename

Figure S20. HRESIMS of 2