SUPPLEMENTARY MATERIAL

Two new Polyacetylene glycosides from the roots of \textit{Codonopsis tangshen} Oliv.

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ABSTRACT

Two new polyacetylene glycosides, tangshenyne A (1) and tangshenyne B (2), along with six known polyacetylenes were isolated from an 85% MeOH extract of the roots of *Codonopsis tangshen* Oliv. The chemical structures of the new compounds were determined on the basis of extensive spectroscopic analyses, including UV, IR, 1D and 2D NMR (1H-1H COSY, HSQC and HMBC) and HR-ESI-MS.

**Keywords:** *Codonopsis tangshen* Oliv.; polyacetylene glycosides; tangshenyne A; tangshenyne B
Supplemental file (Figure) legend

Figure S1. $^1$H-NMR spectrum of Compound 1 (400 MHz, CD$_3$OD)
Figure S2. $^{13}$C-NMR spectrum of Compound 1 (100 MHz, CD$_3$OD)
Figure S3. $^1$H-NMR spectrum of Compound 2 (400 MHz, CD$_3$OD)
Figure S4. $^{13}$C-NMR spectrum of Compound 2 (100 MHz, CD$_3$OD)
Figure S5. $^1$H-NMR spectrum of Compound 3 (400 MHz, CD$_3$OD)
Figure S6. $^{13}$C-NMR spectrum of Compound 3 (100 MHz, CD$_3$OD)
Figure S7. $^1$H-NMR spectrum of Compound 4 (400 MHz, CD$_3$OD)
Figure S8. $^{13}$C-NMR spectrum of Compound 4 (100 MHz, CD$_3$OD)
Figure S9. $^1$H-NMR spectrum of Compound 5 (400 MHz, CD$_3$OD)
Figure S10. $^{13}$C-NMR spectrum of Compound 5 (100 MHz, CD$_3$OD)
Figure S11. $^1$H-NMR spectrum of Compound 6 (400 MHz, CD$_3$OD)
Figure S12. $^1$H-NMR spectrum of Compound 7 (400 MHz, CD$_3$OD)
Figure S13. $^{13}$C-NMR spectrum of Compound 7 (100 MHz, CD$_3$OD)
Figure S14. $^1$H-NMR spectrum of Compound 8 (400 MHz, CD$_3$OD)
Figure S15. $^{13}$C-NMR spectrum of Compound 8 (100 MHz, CD$_3$OD)
Figure S16. The HMBC spectrum of Compound 1
Figure S17. The HSQC spectrum of Compound 1
Figure S18. The $^1$H-$^1$H COSY spectrum of Compound 1
Figure S19. The HRESIMS spectrum of Compound 1
Figure S20. The HMBC spectrum of Compound 2
Figure S21. The HSQC spectrum of Compound 2
Figure S22. The $^1$H-$^1$H COSY spectrum of Compound 2
Figure S23. The HRESIMS spectrum of Compound 2
Figure S24 Selected HMBC (arrow) and 1H-1H COSY (bold) correlations for compounds 1 and 2
Figure S3.

Figure S4.
Figure S7.

Figure S8.
Figure S9.

Figure S10.
Figure S11.

![Figure S11](image1)

Figure S12.

![Figure S12](image2)
Figure S21.

Figure S22.
Figure S23.

Figure S24.