Supporting Information

Diterpenoids from the Whole Plant of *Lagochilus platyacanthus*

Cheng-Gang Zhang\textsuperscript{1, 2*}, Lu Wang\textsuperscript{3*}, Ye Lu\textsuperscript{1, 2}, Zi Ye\textsuperscript{1, 2}, Zhu-Zhen Han\textsuperscript{1, 2}, Hong Xu\textsuperscript{1, 2}, Gui-Xin Chou\textsuperscript{1, 2}

*These authors contributed equally to this work.

Affiliations

\textsuperscript{1}The Ministry of Education (MOE) Key Laboratory for Standardization of Chinese Medicines, The State Administration of TCM (SATCM) Key Laboratory for New Resources and Quality Evaluation of Chinese Medicines, Shanghai Key Laboratory of Complex Prescription, Institute of Chinese Materia Medica, Shanghai University of Traditional Chinese Medicine, Shanghai, China  
\textsuperscript{2}Shanghai R&D Center for Standardization of Chinese Medicines, Shanghai, China  
\textsuperscript{3}Research Center for Health and Nutrition, Shanghai University of Traditional Chinese Medicine, Shanghai, China

Correspondence

**Prof. Hong Xu**  
Institute of Chinese Materia Medica  
Shanghai University of Traditional Chinese Medicine  
1200 Cailun Road  
Shanghai 201203  
China  
Phone: + 86 21 51 32 25 06  
Fax: + 86 21 51 32 25 19  
xuhongtcm@hotmail.com

**Dr. Zhu-Zhen Han**  
Institute of Chinese Materia Medica  
Shanghai University of Traditional Chinese Medicine
Fig. 1S $^1$H-NMR spectrum of compound 1 (CDCl$_3$, 600 MHz).

Fig. 2S $^{13}$C-NMR and DEPT spectra of compound 1 (CDCl$_3$, 150 MHz).
Fig. 3S HSQC NMR spectrum of compound 1 (CDCl$_3$, 600 MHz).

Fig. 4S HMBC NMR spectrum of compound 1 (CDCl$_3$, 600 MHz).
Fig. 5S $^1$H-$^1$H COSY NMR spectrum of compound 1 (CDCl$_3$, 600 MHz).

Fig. 6S NOESY spectrum of compound 1 (CDCl$_3$, 600 MHz).
Fig. 7S $^1$H-NMR spectrum of compound 2 (CDCl$_3$, 600 MHz).

Fig. 8S $^{13}$C-NMR and DEPT spectra of compound 2 (CDCl$_3$, 150 MHz).
Fig. 9S HSQC NMR spectrum of compound 2 (CDCl₃, 600 MHz).

Fig. 10S HMBC NMR spectrum of compound 2 (CDCl₃, 600 MHz).
Fig. 11S $^1$H-$^1$H COSY NMR spectrum of compound 2 (CDCl$_3$, 600 MHz).

Fig. 12S NOESY spectrum of compound 2 (CDCl$_3$, 600 MHz).
Fig. 13S $^1$H-NMR spectrum of compound 3 (CD$_3$OD, 600 MHz).

Fig. 14S $^{13}$C-NMR and DEPT spectra of compound 3 (CD$_3$OD, 150 MHz).
Fig. 15S HSQC NMR spectrum of compound 3 (CD$_3$OD, 600 MHz).

Fig. 16S HMBC NMR spectrum of compound 3 (CD$_3$OD, 600 MHz).
Fig. 17S $^1$H-$^1$H COSY NMR spectrum of compound 3 (CD$_3$OD, 600 MHz).

Fig. 18S NOESY spectrum of compound 3 (CD$_3$OD, 600 MHz).
Fig. 19S $^1$H-NMR spectrum of compound 5 (CDCl$_3$, 600 MHz).

Fig. 20S $^{13}$C-NMR and DEPT spectra of compound 5 (CDCl$_3$, 150 MHz).
Fig. 21S HSQC NMR spectrum of compound 5 (CDCl₃, 600 MHz).

Fig. 22S HMBC NMR spectrum of compound 5 (CDCl₃, 600 MHz).
Fig. 23S $^1$H-$^1$H COSY NMR spectrum of compound 5 (CDCl$_3$, 600 MHz).

Fig. 24S NOESY spectrum of compound 5 (CDCl$_3$, 600 MHz).
Fig. 25S $^1$H-NMR spectrum of compound 6 (CDCl$_3$, 600 MHz).

Fig. 26S $^{13}$C-NMR and DEPT spectra of compound 6 (CDCl$_3$, 150 MHz).
Fig. 27S HSQC NMR spectrum of compound 6 (CDCl₃, 600 MHz).
Fig. 28S HMBC NMR spectrum of compound 6 (CDCl₃, 600 MHz).

Fig. 29S ¹H-¹H COSY NMR spectrum of compound 6 (CDCl₃, 600 MHz).

Fig. 30S NOESY spectrum of compound 6 (CDCl₃, 600 MHz).
Fig. 31S HRESIMS spectrum of compound 1.

Fig. 32S IR spectrum of compound 1.
Fig. 33S HRESIMS spectrum of compound 2.

Fig. 34S IR spectrum of compound 2.
Fig. 35S HRESIMS spectrum of compound 3.
Fig. 36S IR spectrum of compound 3.

Fig. 37S HRESIMS spectrum of compound 5.

Fig. 38S IR spectrum of compound 5.
Fig. 39S HRESIMS spectrum of compound 6.
Fig. 40S IR spectrum of compound 6.

Fig. 41S Key HMBC, $^1$H–$^1$H COSY and NOESY correlations of 3.