Supporting Information

**Coumarin glycosides and iridoid glucosides with neuroprotective effects from *Hydrangea paniculata***

Jing Shi, Chuang-Jun Li, Jing-Zhi Yang, Yu-He Yuan, Nai-Hong Chen, Dong-Ming Zhang*

**Affiliation**
State Key Laboratory of Bioactive Substance and Function of Natural Medicines, Institute of Materia Medica, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, P. R. China

**Correspondence**
Prof. Dong-Ming Zhang
Institute of Materia Medica
Chinese Academy of Medical Sciences and Peking Union Medical College
1 Xian Nong Tan Street
Beijing 100050
People's Republic of China
Tel.: +86-010-6316-5227
Fax: +86-010-6316-5227
E-mail: zhangdm@imm.ac.cn
**Fig. 1** $^1$H NMR spectrum (400 MHz, DMSO-$d_6$) of compound 1.

**Fig. 2** $^{13}$C NMR spectrum (125 MHz, DMSO-$d_6$) of compound 1.
Fig. 3S HSQC of compound 1.

Fig. 4S HMBC of compound 1.
Fig. 5S $^1$H–$^1$H-COSY of compound 1.

Fig. 6S HR-ESI-MS spectrum of compound 1.
Fig. 7S $^1$H NMR spectrum (500 MHz, DMSO-$d_6$) of compound 2.

Fig. 8S $^{13}$C NMR spectrum (125 MHz, DMSO-$d_6$) of compound 2.
Fig. 9S HSQC of compound 2.

Fig. 10S HMBC of compound 2.
Fig. 11S HR-ESI-MS spectrum of compound 2.

Fig. 12S $^1$H NMR spectrum (500 MHz, DMSO-$d_6$) of compound 3.
Fig. 13$^{13}$C NMR spectrum (125 MHz, DMSO-$d_6$) of compound 3.

Fig. 14S HSQC of compound 3.
Fig. 15S HMBC of compound 3.

Fig. 16S $^1$H–$^1$H-COSY of compound 3.
Fig. 17S HR-ESI-MS spectrum of compound 3.

Fig. 18S $^1$H NMR spectrum (400 MHz, DMSO-d$_6$) of compound 4.
Fig. 19S $^{13}$C NMR spectrum (100 MHz, DMSO-$d_6$) of compound 4.

Fig. 20S HSQC of compound 4.
Fig. 21S HMBC of compound 4.
Fig. 22S TOCSY of compound 4.

Fig. 23S HR-ESI-MS spectrum of compound 4.
Fig. 24S $^1$H NMR spectrum (400 MHz, DMSO-$d_6$) of compound 5.

Fig. 25S $^{13}$C NMR spectrum (100 MHz, DMSO-$d_6$) of compound 5.
Fig. 26S HSQC of compound 5.

Fig. 27S HMBC of compound 5.
Fig. 28S TOCSY of compound 5.

Fig. 29S HR-ESI-MS spectrum of compound 5.
Fig. 30S $^1$H NMR spectrum (500 MHz, DMSO-$d_6$) of compound 6.

Fig. 31S $^{13}$C NMR spectrum (125 MHz, DMSO-$d_6$) of compound 6.
Fig. 32S HSQC of compound 6.

Fig. 33S HMBC of compound 6.
**Fig. 34S** HR-ESI-MS spectrum of compound 6.

**Fig. 35S** $^1$H NMR spectrum (500 MHz, DMSO-$d_6$) of compound 7.
Fig. 36S $^{13}$C NMR spectrum (125 MHz, DMSO-$d_6$) of compound 7.

Fig. 37S HSQC of compound 7.
Fig. 38S HMBC of compound 7.
Fig. 39S TOCSY of compound 7.

Fig. 40S HR-ESI-MS spectrum of compound 7.