**Supporting Information**

**LSD1 inhibitors from the roots of *Pueraria lobata***

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Figure S1. 1H NMR spectrum of compound **1** in DMSO-*d*6



Figure S2. 13C NMR spectrum of compound **1** in DMSO-*d*6



Figure S3. DEPT135 spectrum of compound **1** in DMSO-*d*6



Figure S4. 1H-1H COSY spectrum of compound **1** in DMSO-*d*6



Figure S5. HSQC spectrum of compound **1** in DMSO-*d*6



Figure S6. HMBC spectrum of compound **1** in DMSO-*d*6



Figure S7. HRESIMS of compound **1**



Figure S8. 1H NMR spectrum of compound **7** in DMSO-*d*6



Figure S9. 13C NMR spectrum of compound **7** in DMSO-*d*6



Figure S10. DEPT135 spectrum of compound **7** in DMSO-*d*6



Figure S11. 1H-1H COSY spectrum of compound **7** in DMSO-*d*6



Figure S12. HSQC spectrum of compound **7** in DMSO-*d*6



Figure S13. HMBC spectrum of compound **7** in DMSO-*d*6



Figure S14. NOESY spectrum of compound **7** in DMSO-*d*6



Figure S15. HRESIMS of compound **7**



Figure S16. Calculated ECD spectra of 6a*S*,11a*R*,11b*R*-**7** and 6a*R*,11a*S*,11b*S*-**7**



Figure S17. Calculated ECD spectra of 6a*R*,11a*S*,11b*R*-**7** and 6a*S*,11a*R*,11b*S*-**7**



Figure S18. Calculated ECD spectra of 6a*R*,11a*S*,11b*R*-**7** and 6a*R*,11a*R*,11b*S*-**7**