**Supporting Information**

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

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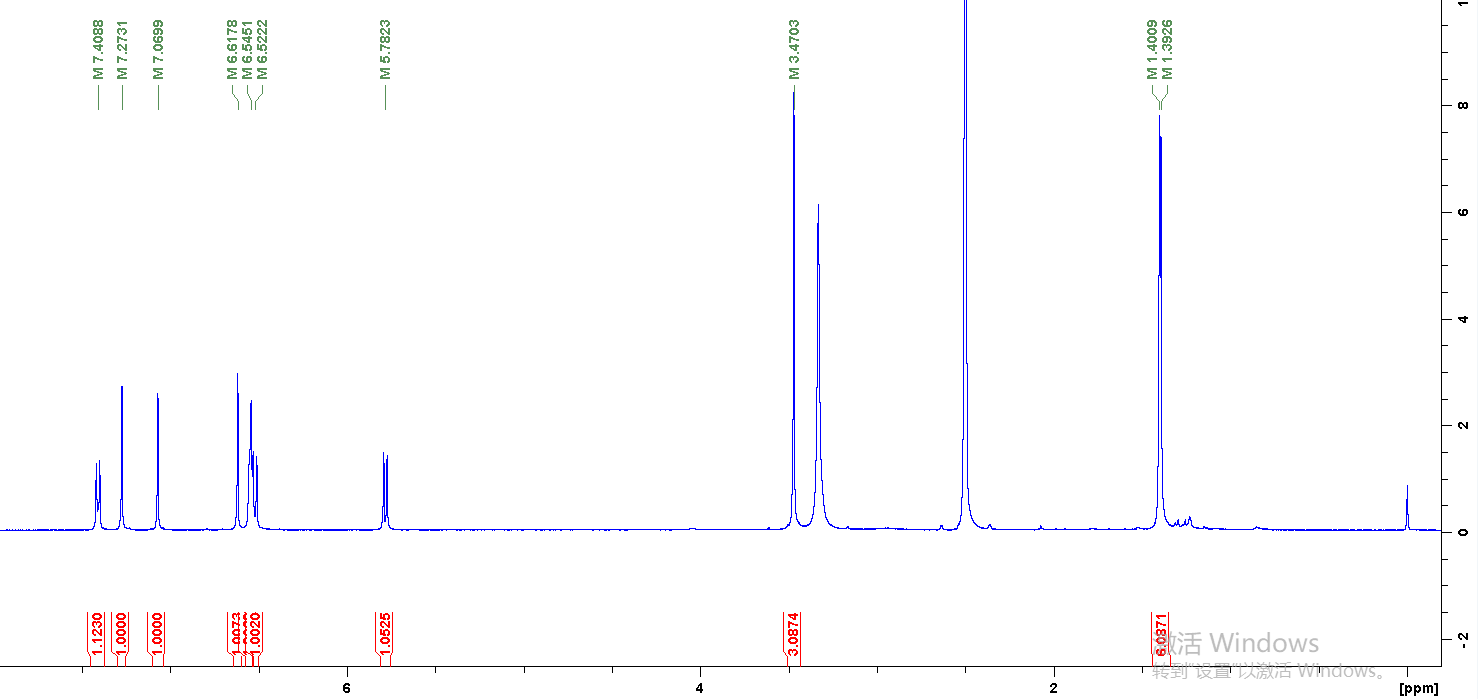


Figure S1. 1H NMR spectrum of compound **1** in DMSO-*d*6

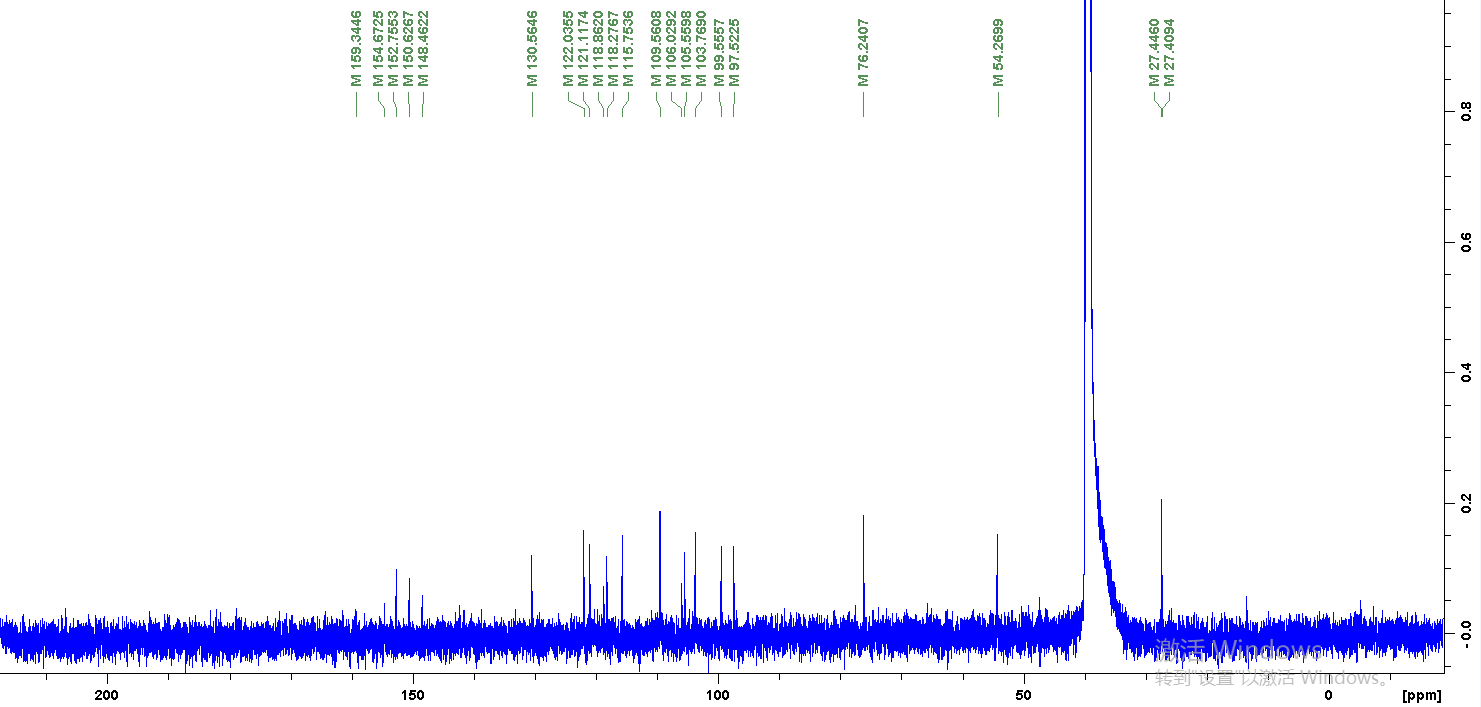


Figure S2. 13C NMR spectrum of compound **1** in DMSO-*d*6

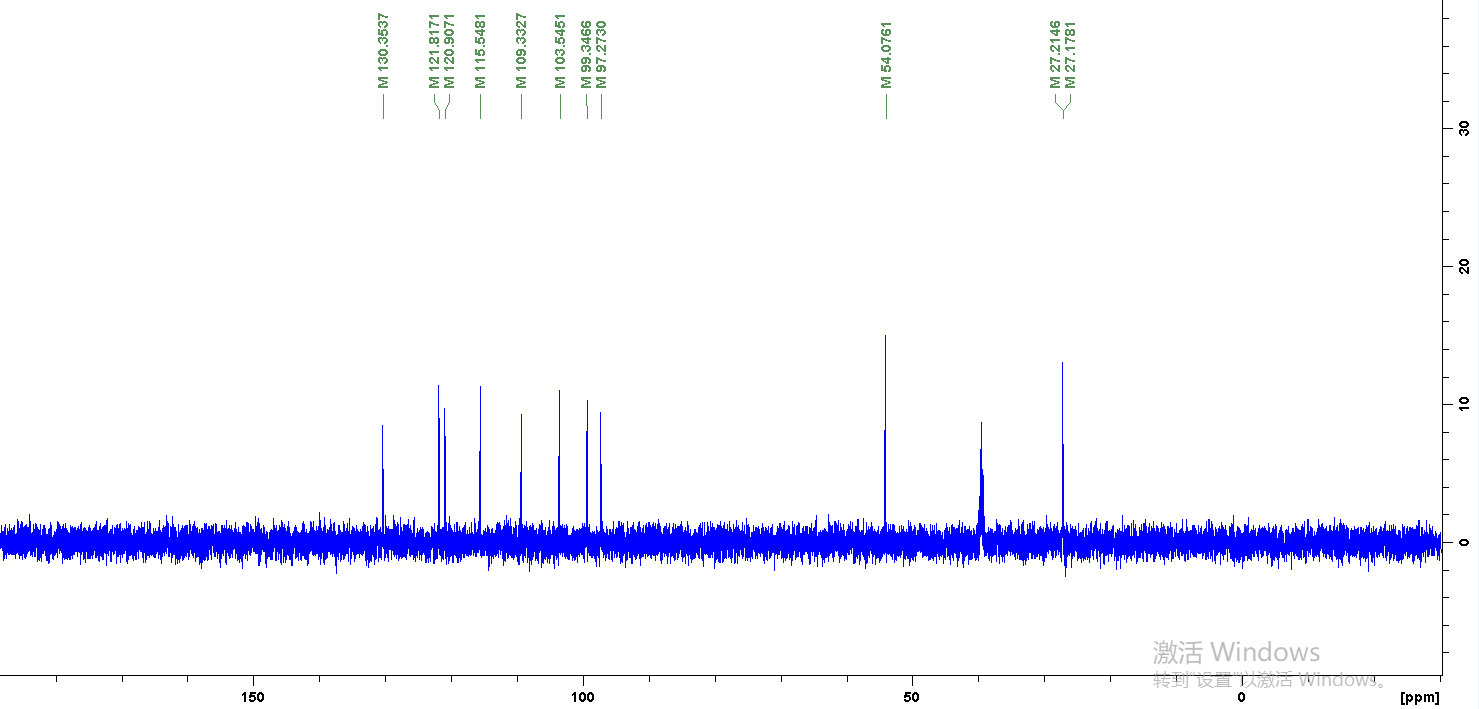


Figure S3. DEPT135 spectrum of compound **1** in DMSO-*d*6

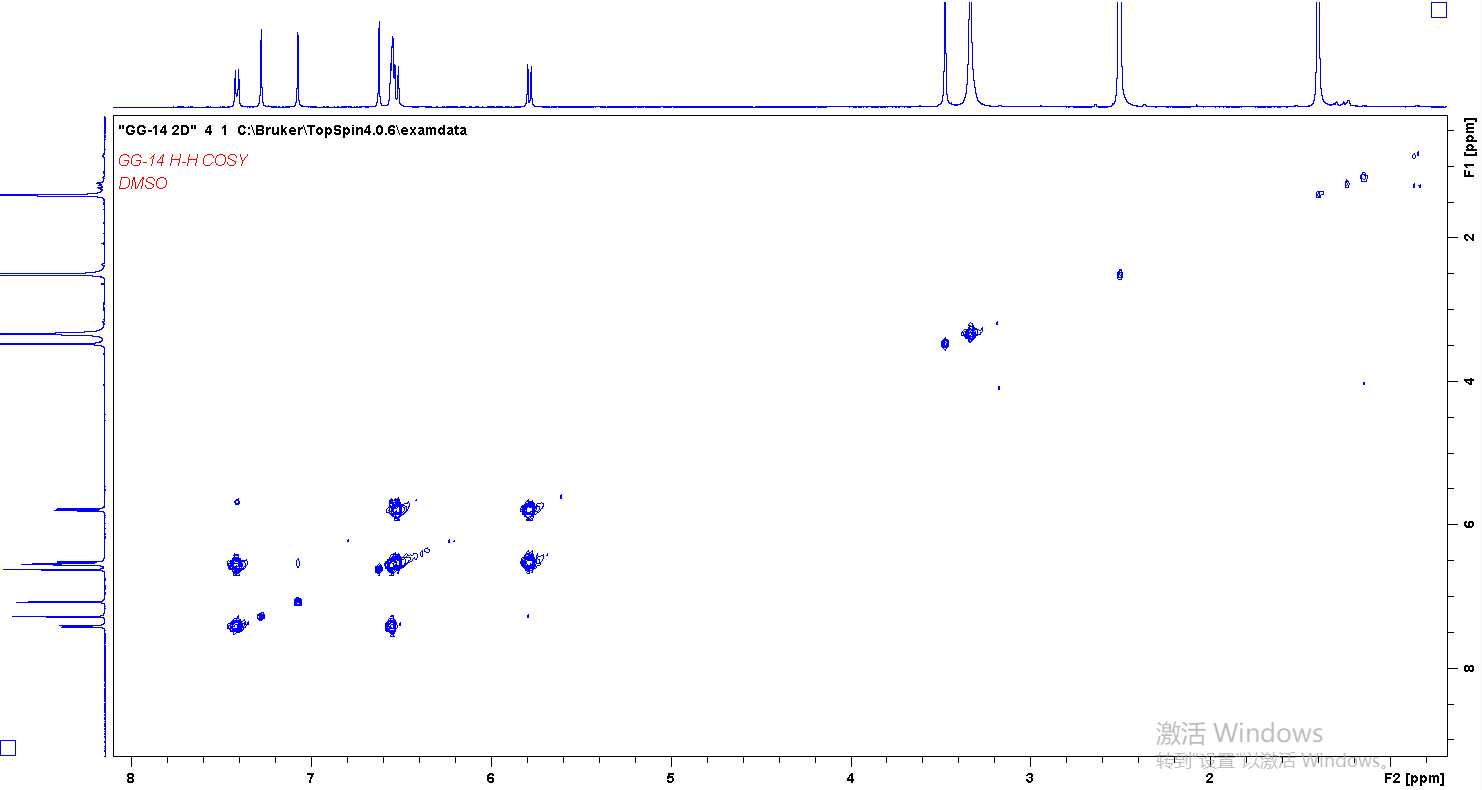


Figure S4. 1H-1H COSY spectrum of compound **1** in DMSO-*d*6

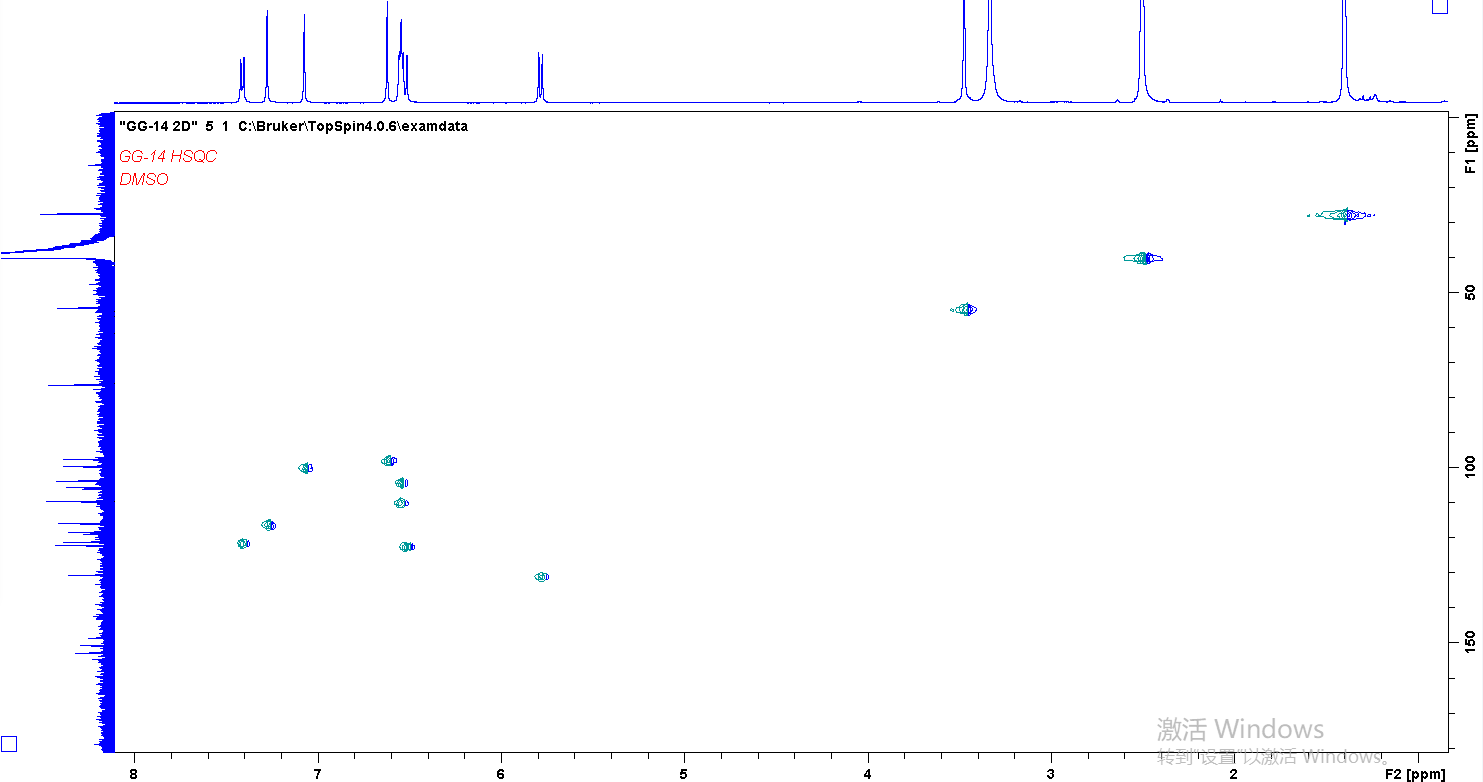


Figure S5. HSQC spectrum of compound **1** in DMSO-*d*6

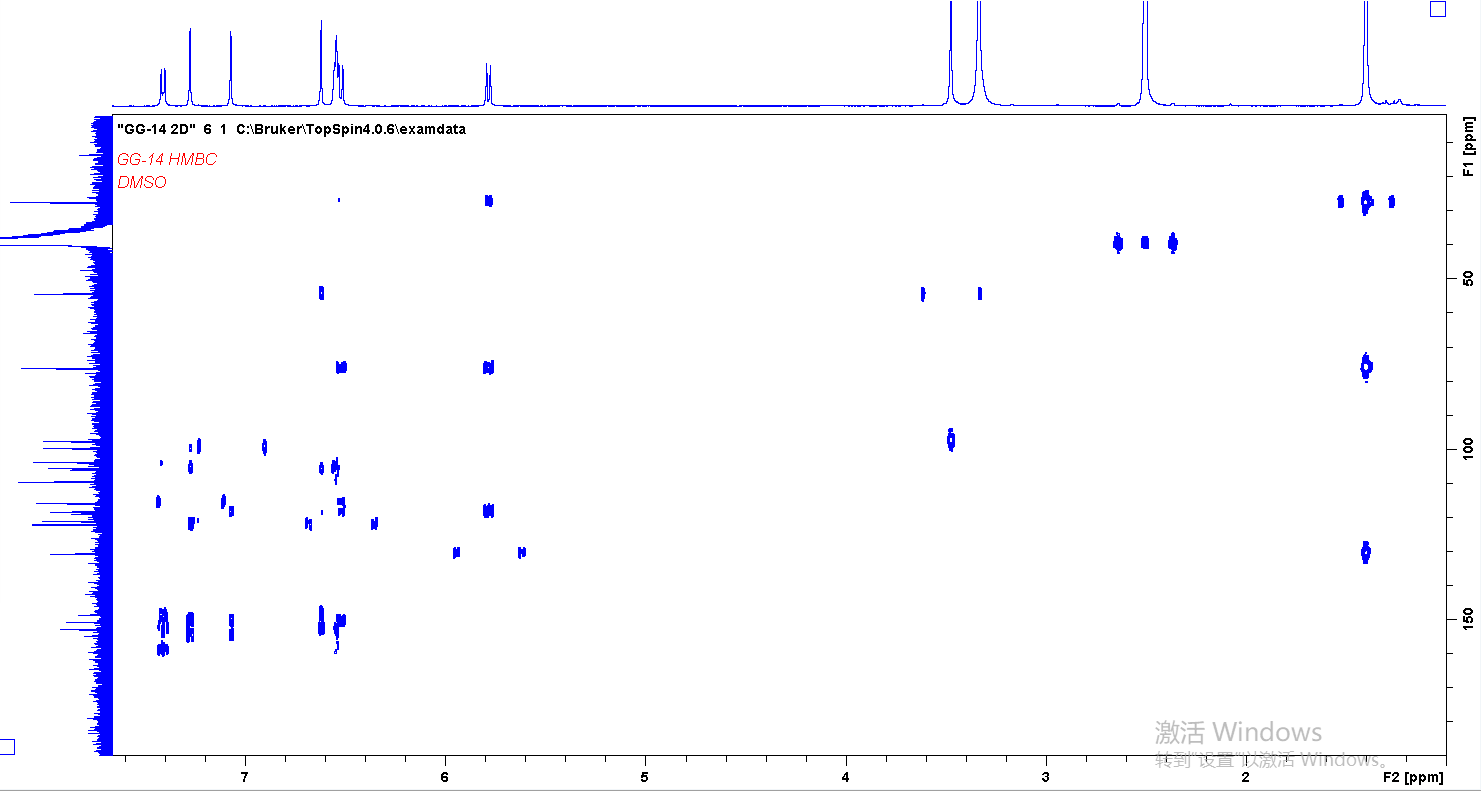


Figure S6. HMBC spectrum of compound **1** in DMSO-*d*6

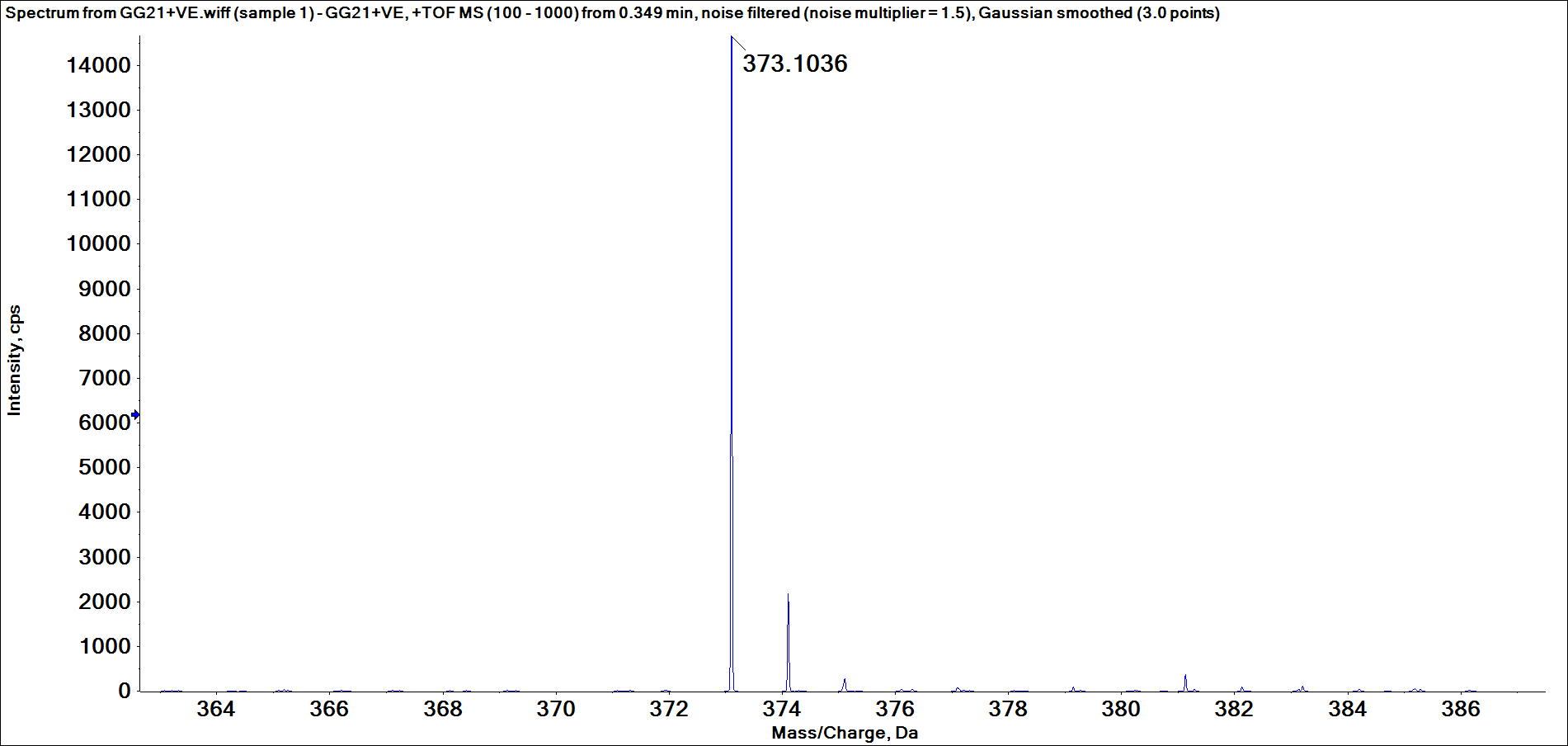


Figure S7. HRESIMS of compound **1**

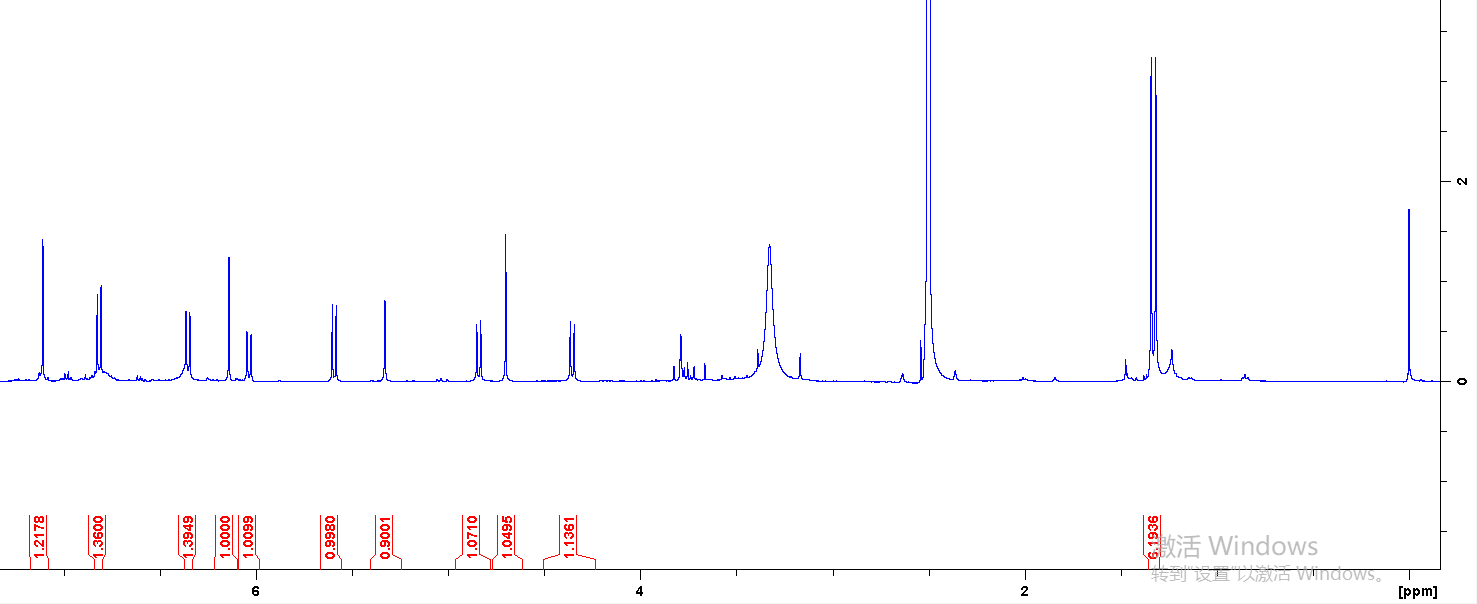


Figure S8. 1H NMR spectrum of compound **7** in DMSO-*d*6

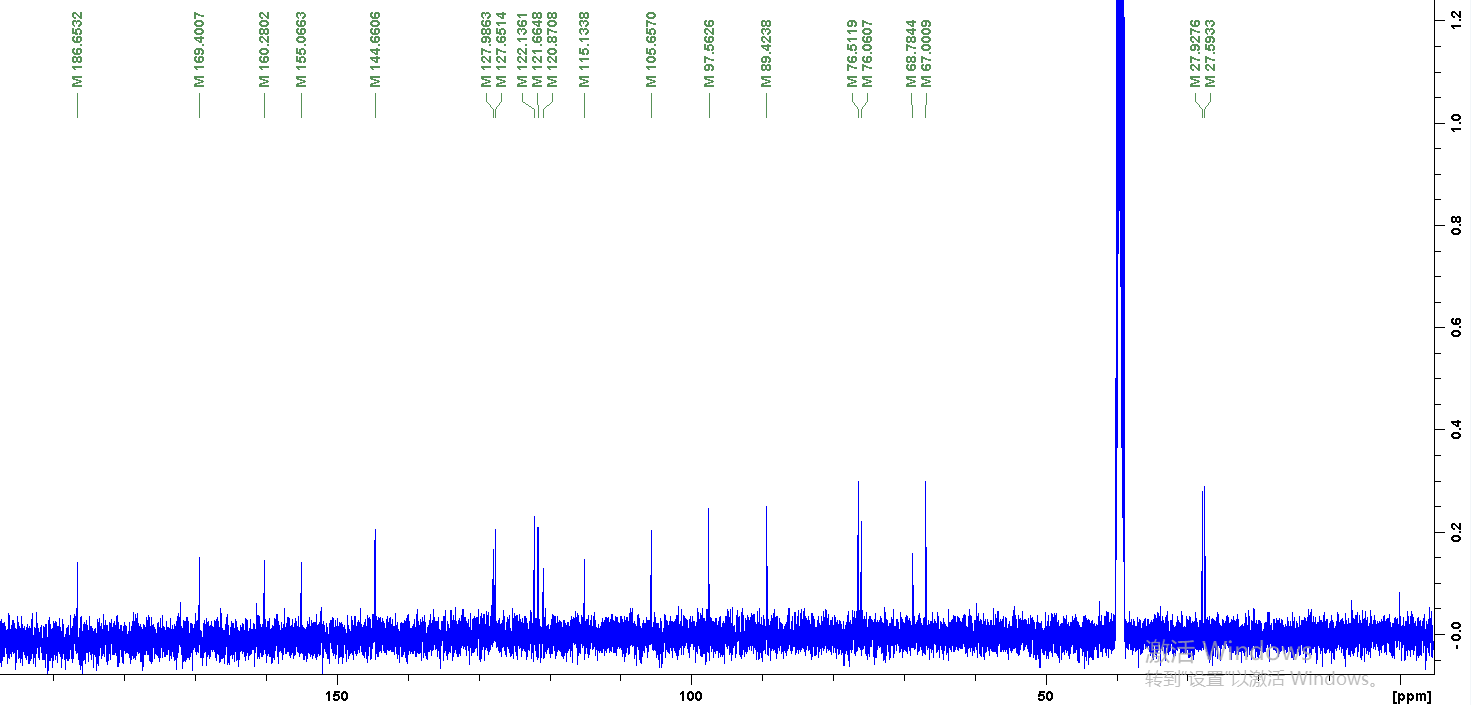


Figure S9. 13C NMR spectrum of compound **7** in DMSO-*d*6

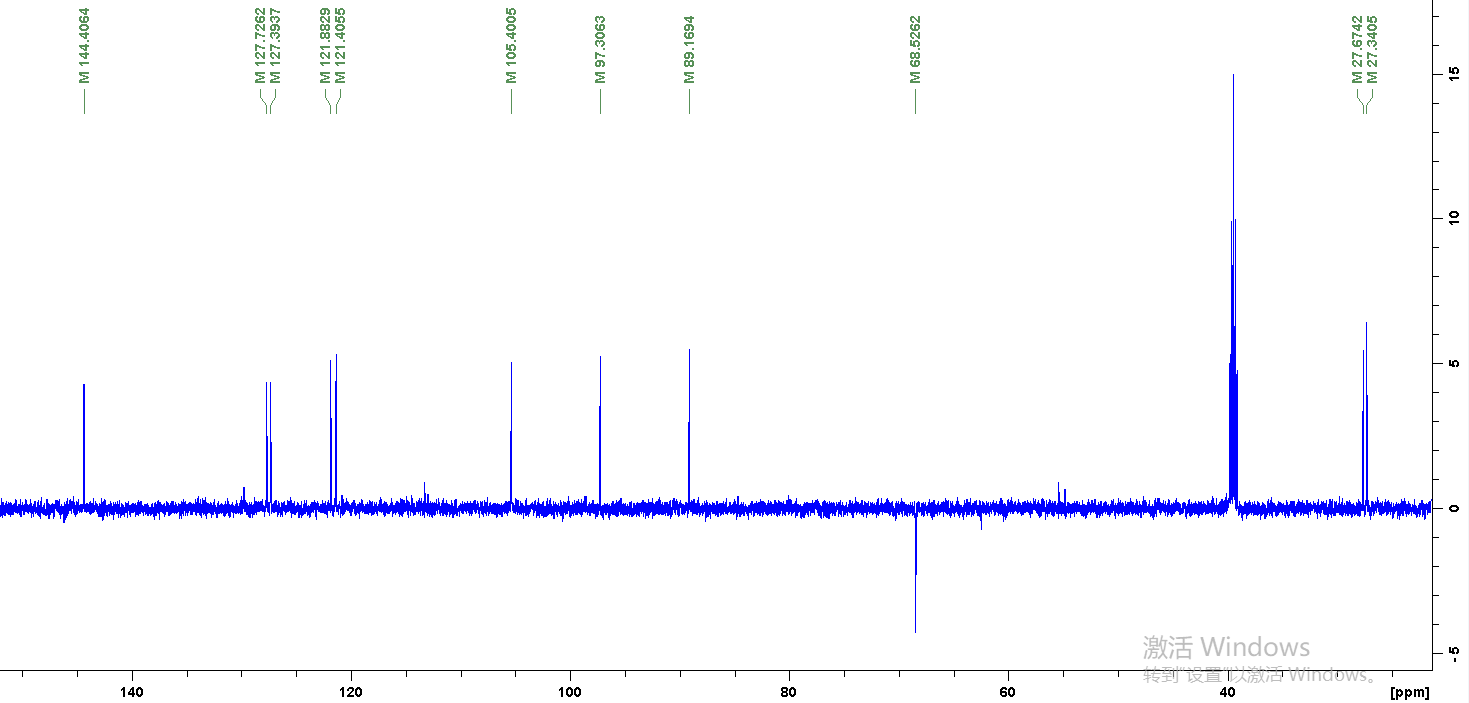


Figure S10. DEPT135 spectrum of compound **7** in DMSO-*d*6

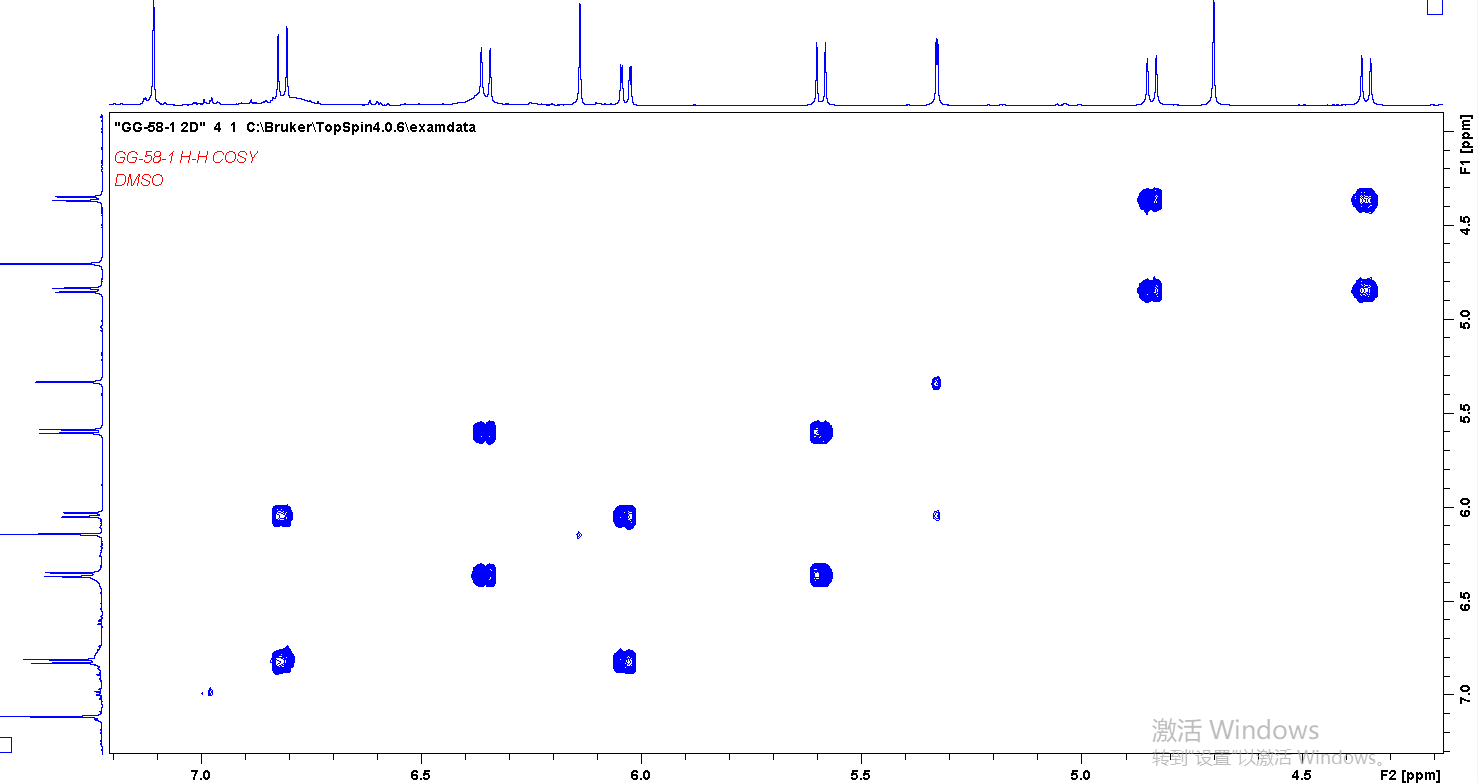


Figure S11. 1H-1H COSY spectrum of compound **7** in DMSO-*d*6

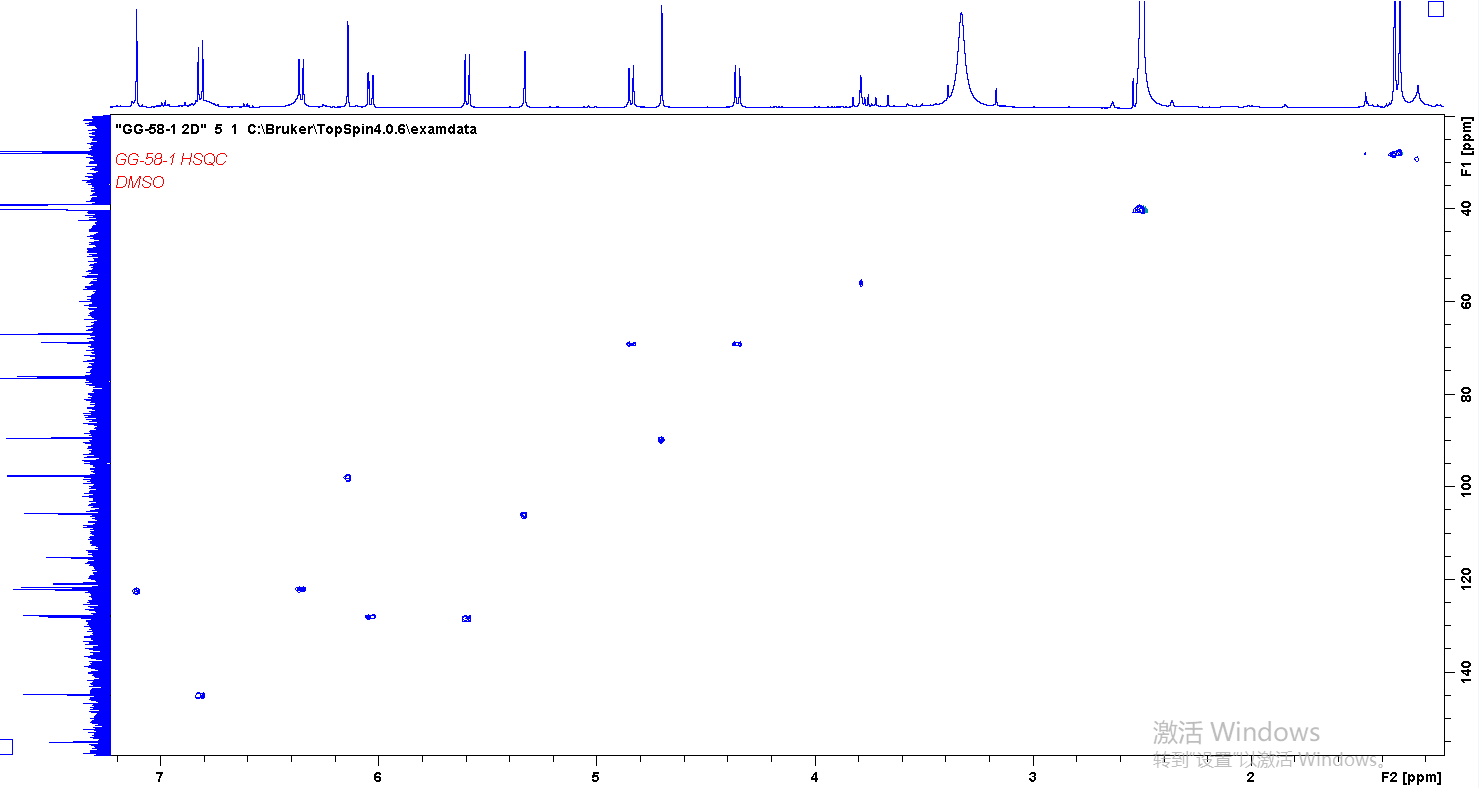


Figure S12. HSQC spectrum of compound **7** in DMSO-*d*6

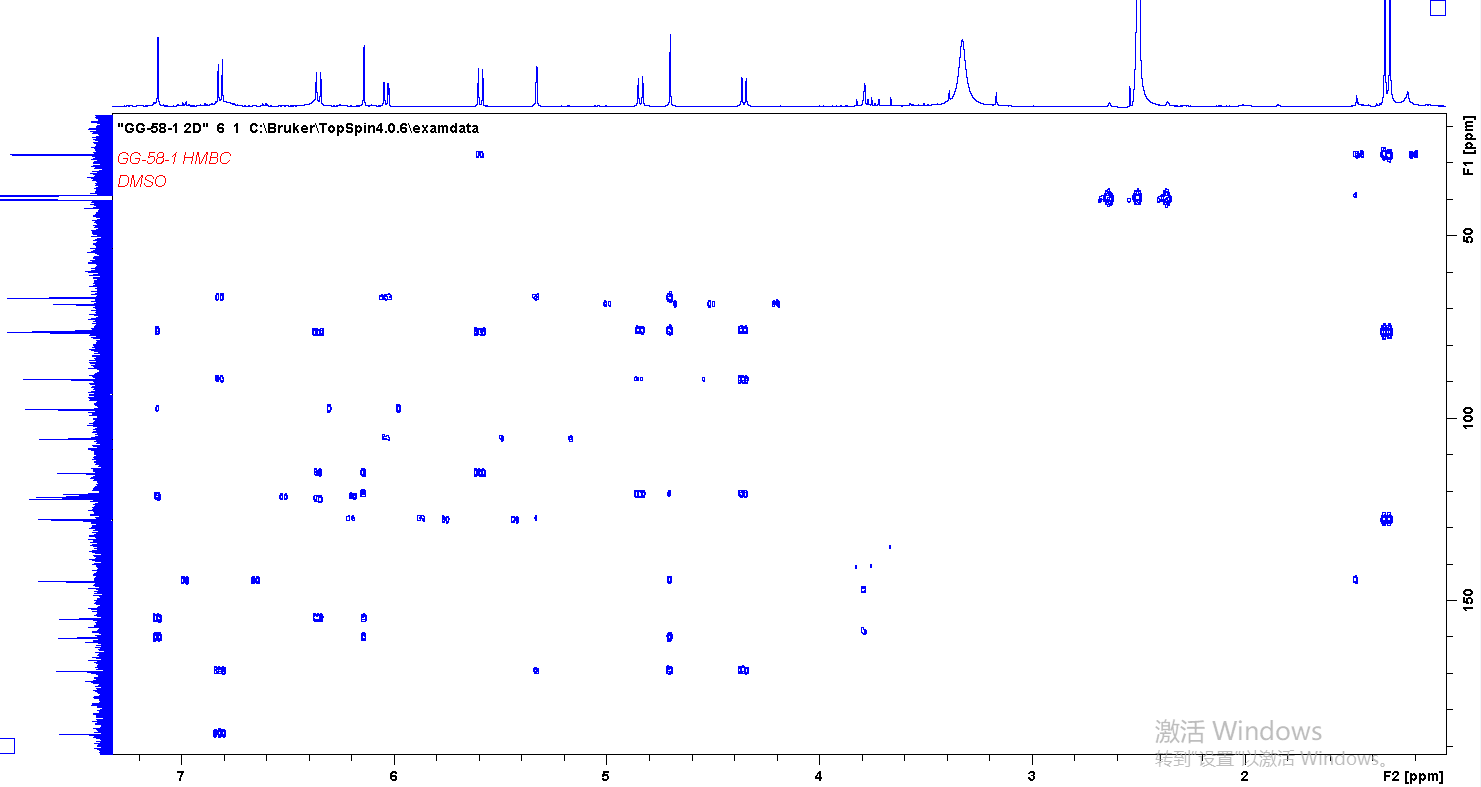


Figure S13. HMBC spectrum of compound **7** in DMSO-*d*6

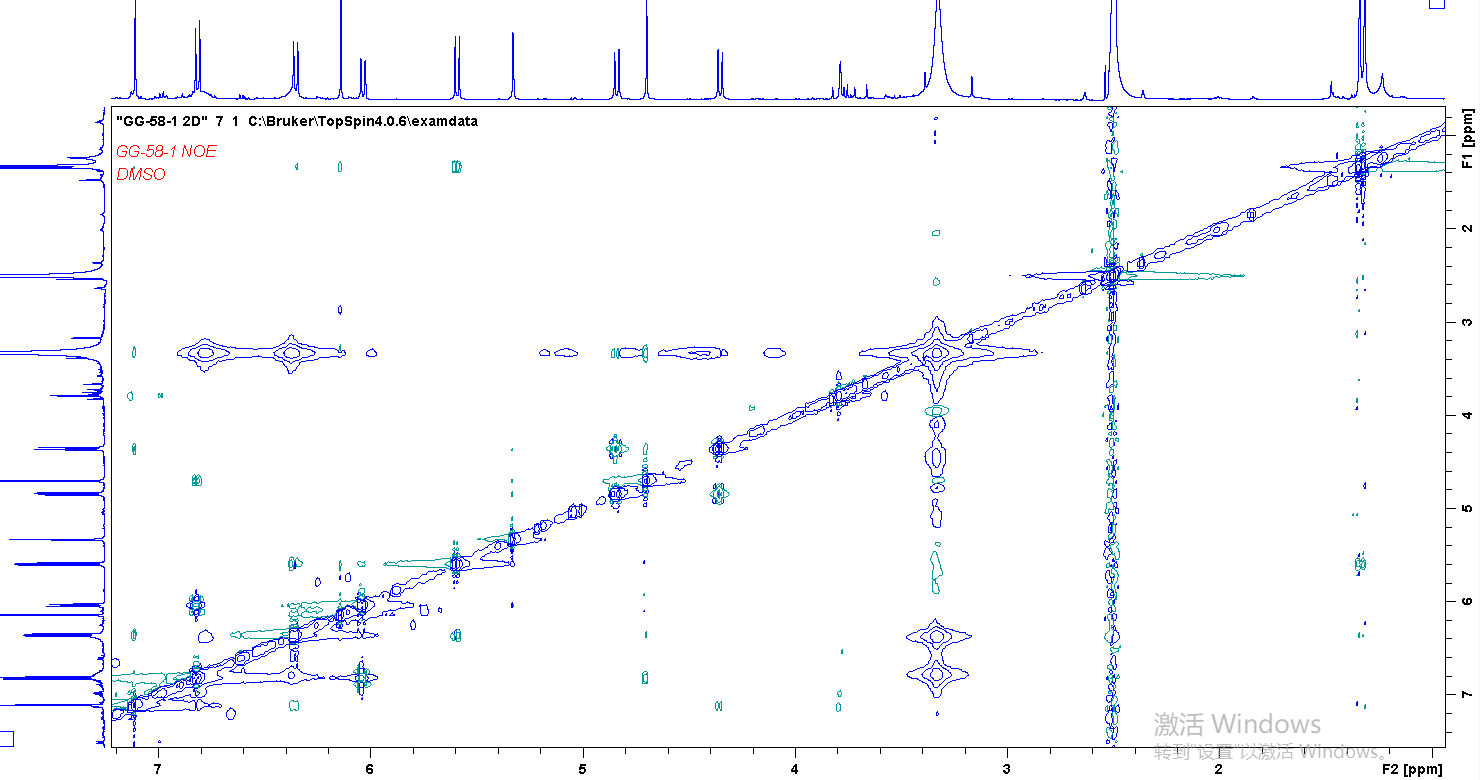


Figure S14. NOESY spectrum of compound **7** in DMSO-*d*6

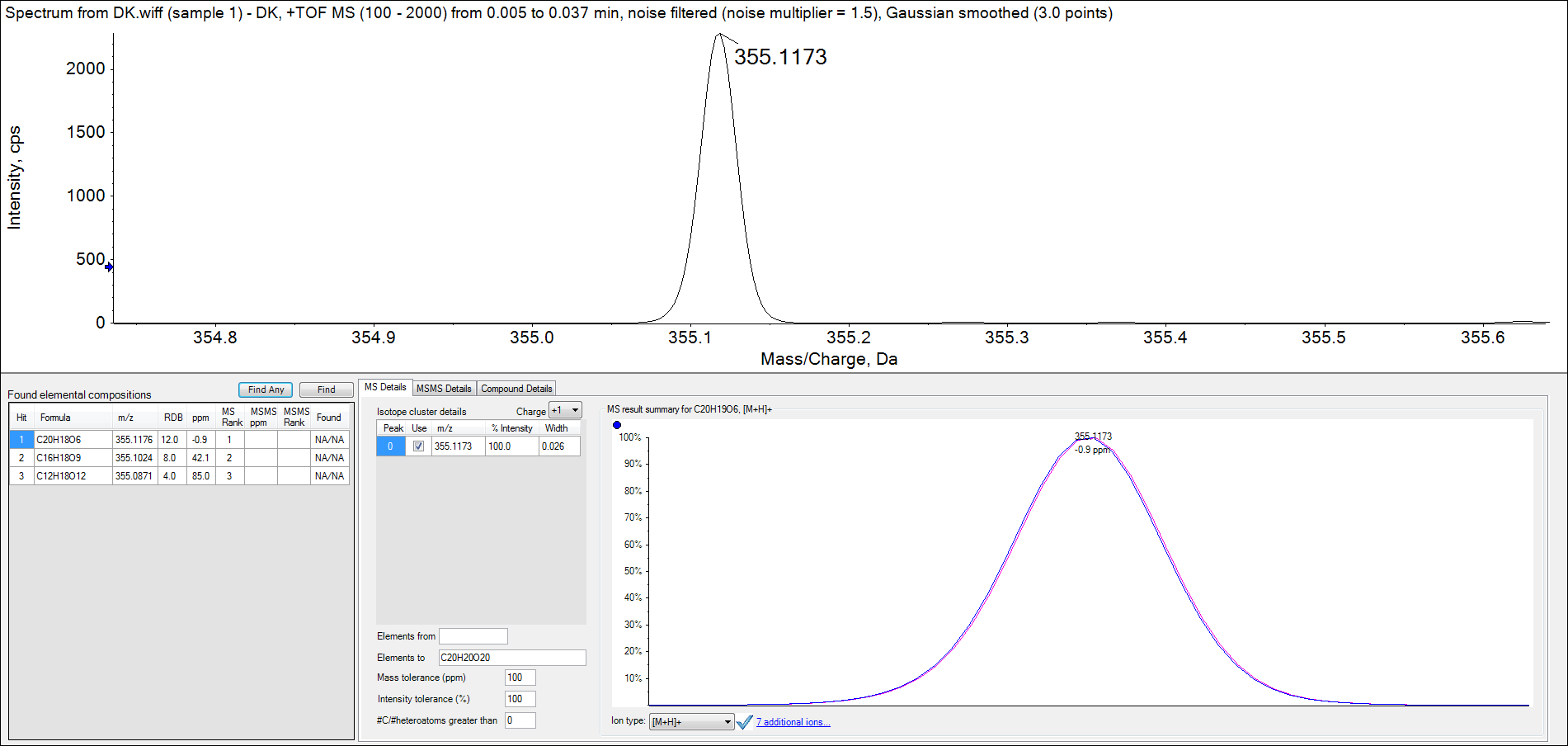


Figure S15. HRESIMS of compound **7**

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

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

H:\d.tif

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