

Supplementary Materials for

Discovering the mechanisms of oleodaphnone as a potential HIV latency-reversing agent by transcriptome profiling

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S1. Supporting methods: In vitro cytotoxicity assay

The Cell Counting Kit-8 (CCK-8) (Dojindo, Kumamoto, Japan) was used to measure the in vitro cytotoxicity of the compound. Briefly, approximately 4×10^4 cells per well were treated with Wikstroelide E or prostratin for 24 h, and then 10 μ l of CCK-8 solution was added to each well of the 96-well culture plates. After 4 h of incubation at 37°C, the absorbance at 450 nm was measured using a microplate reader. The 50% cytotoxic concentration (CC50) was calculated by nonlinear regression analysis using GraphPad Prism 5 software (GraphPad, San Diego, CA).

Figure S1. HRESIMS spectrum of 1.

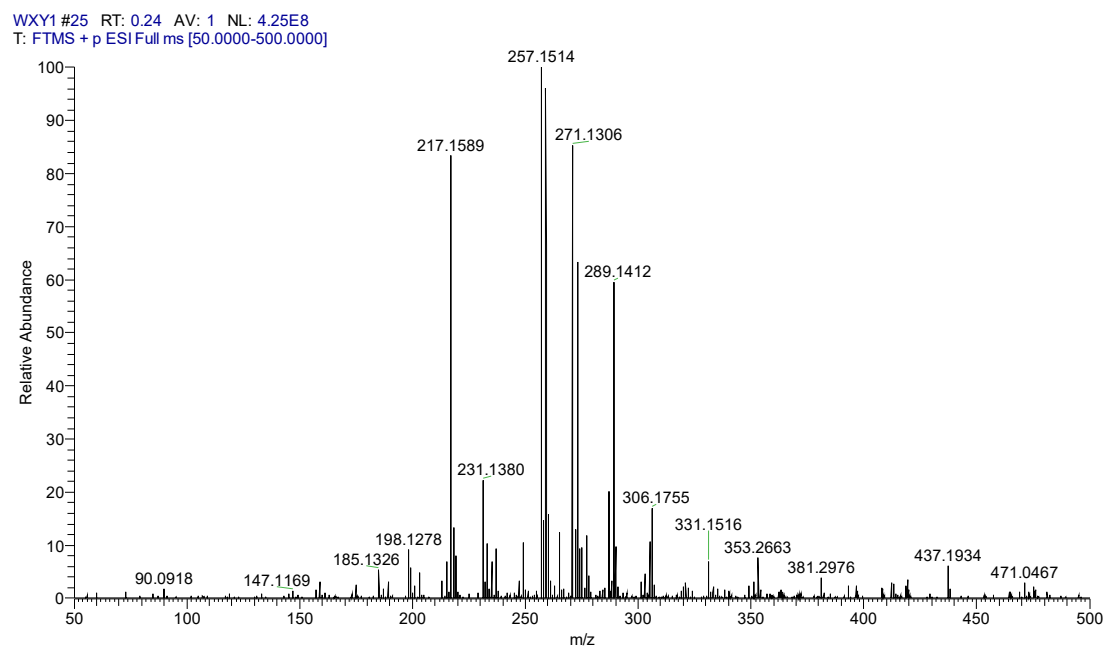


Figure S2. ^1H -NMR spectrum of **1**.

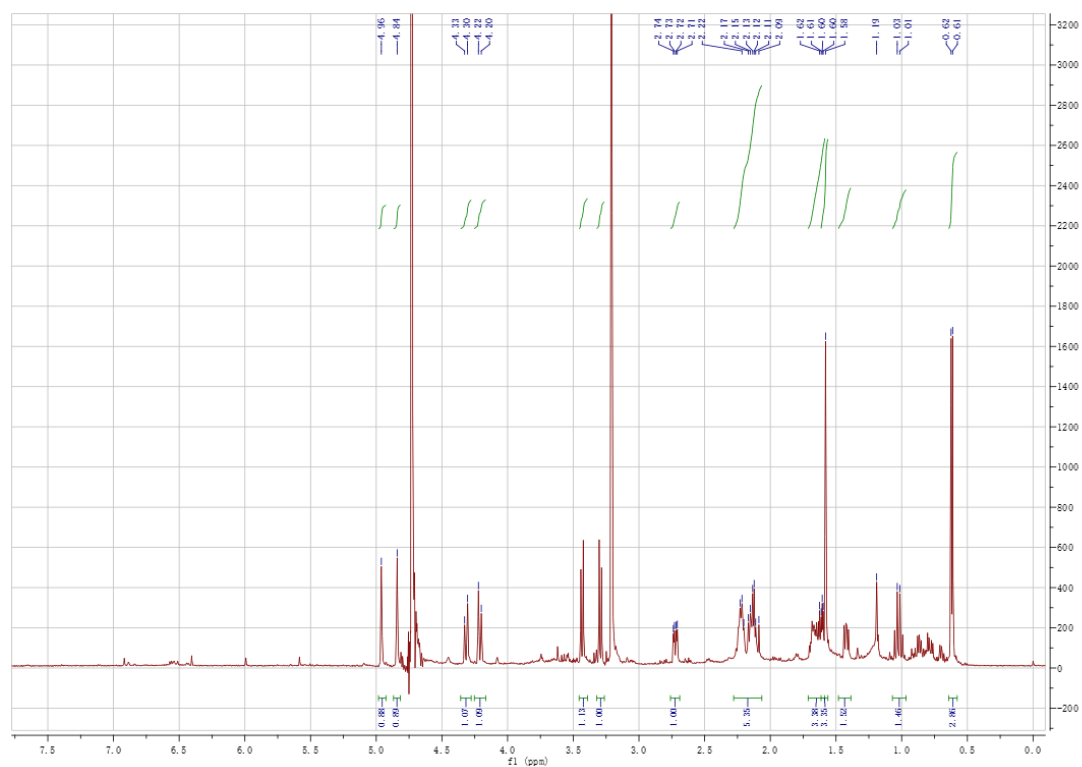


Figure S3. ^{13}C -NMR spectrum of **1**.

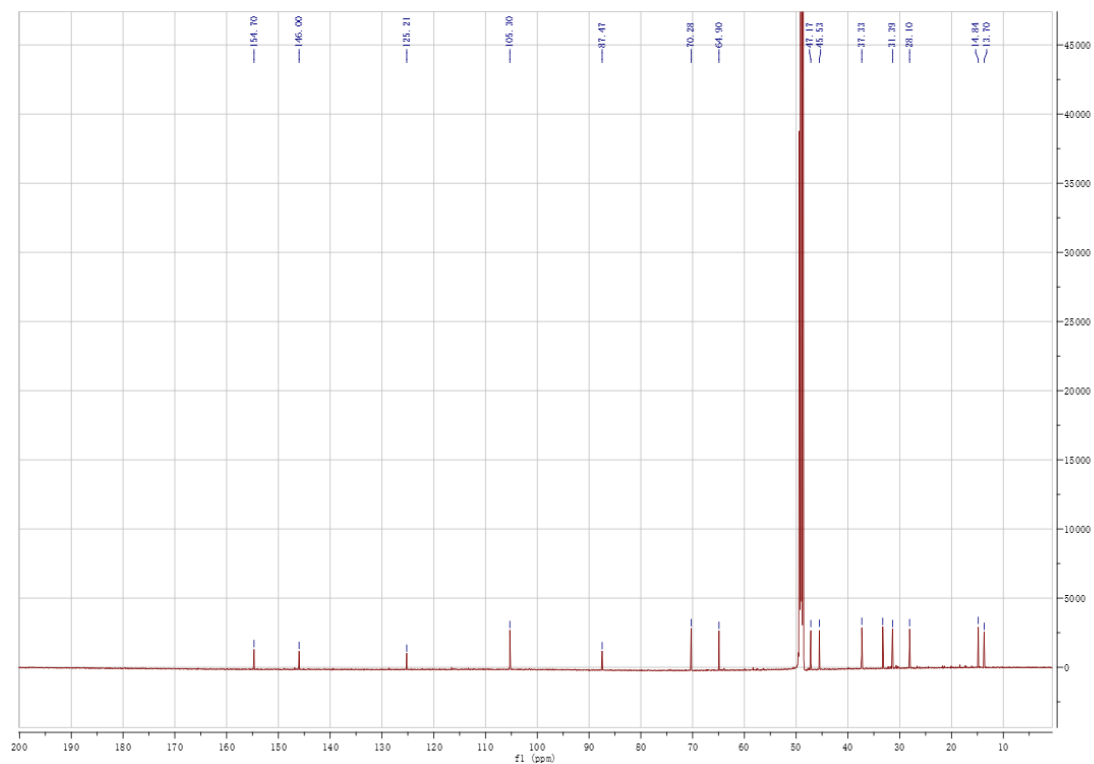


Figure S4. HSQC spectrum of **1**.

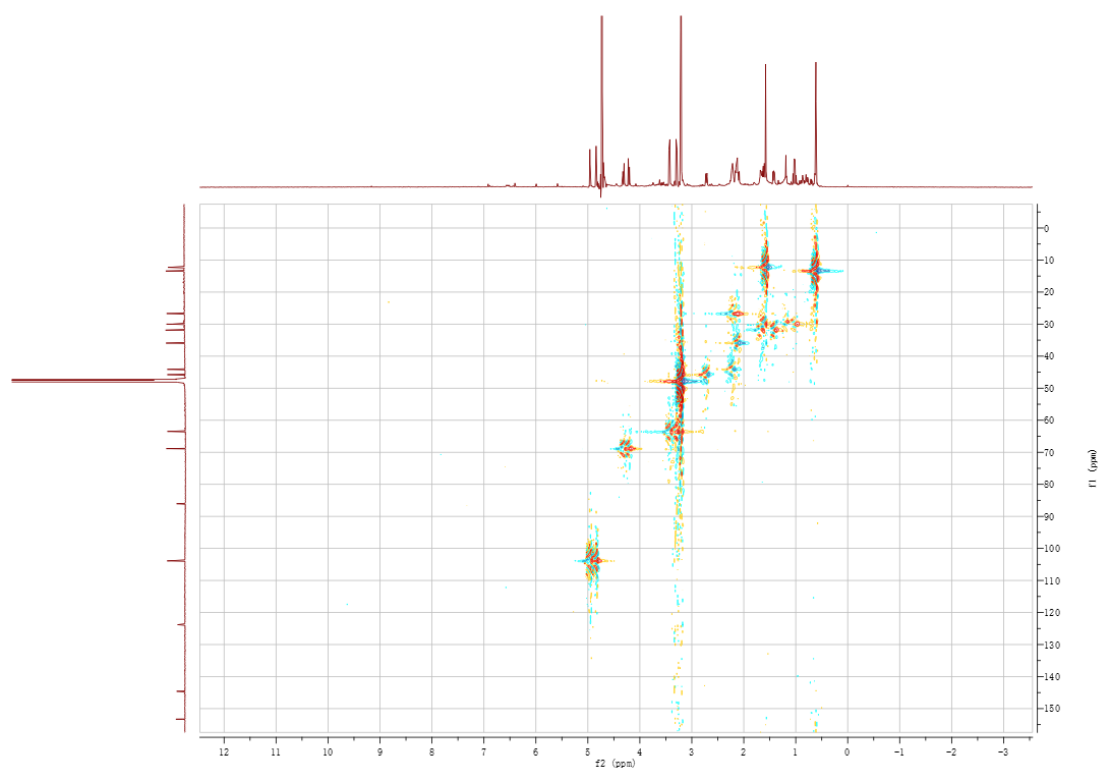


Figure S5. ^1H - ^1H COSY spectrum of **1**.

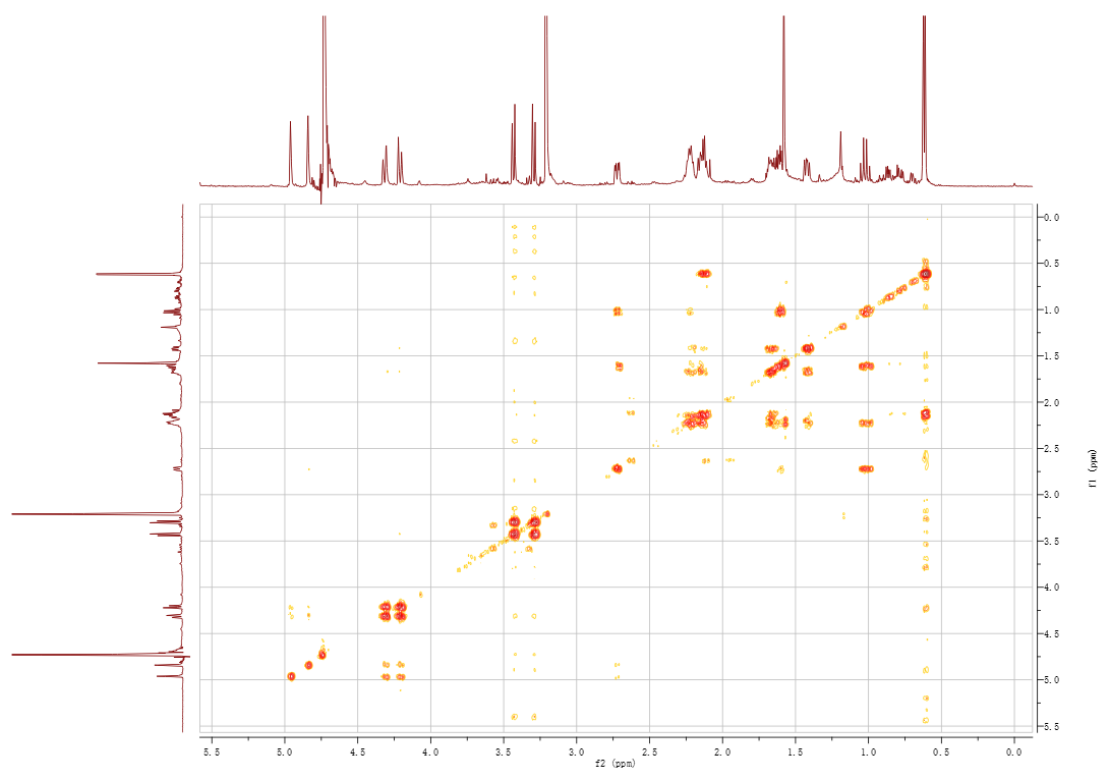


Figure S6. HMBC spectrum of **1**.

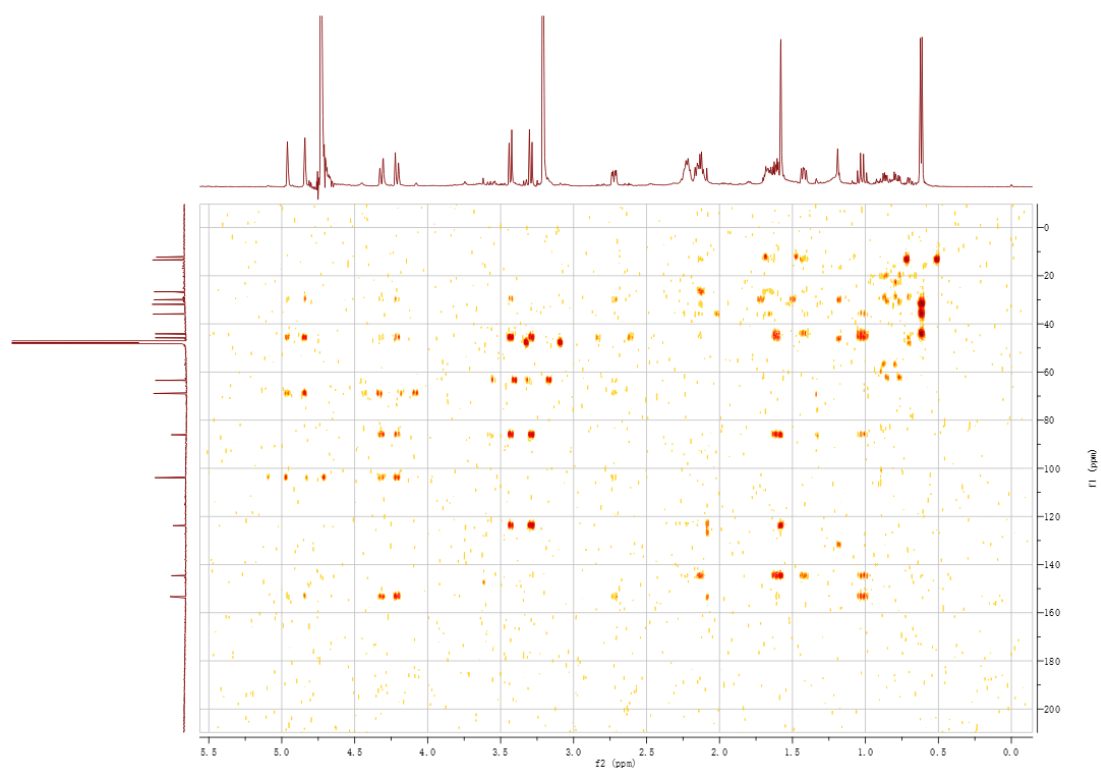


Figure S7. ROESY spectrum of **1**.

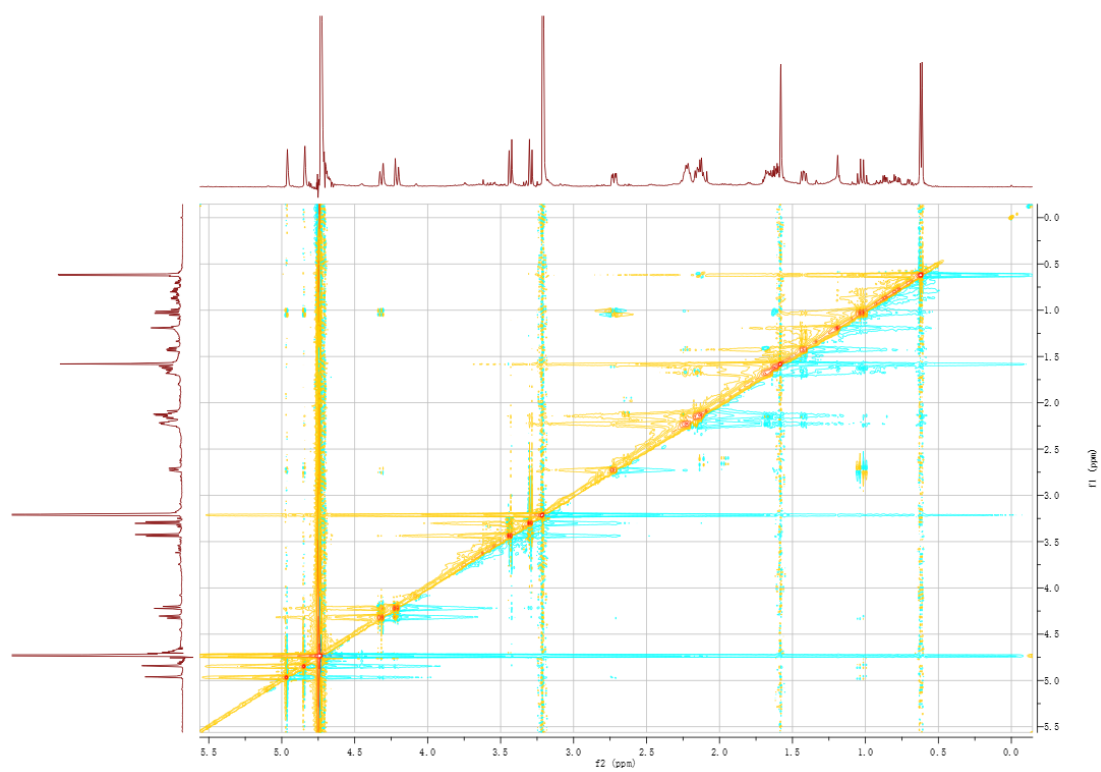


Figure S8. ^1H -NMR spectrum of **2**.

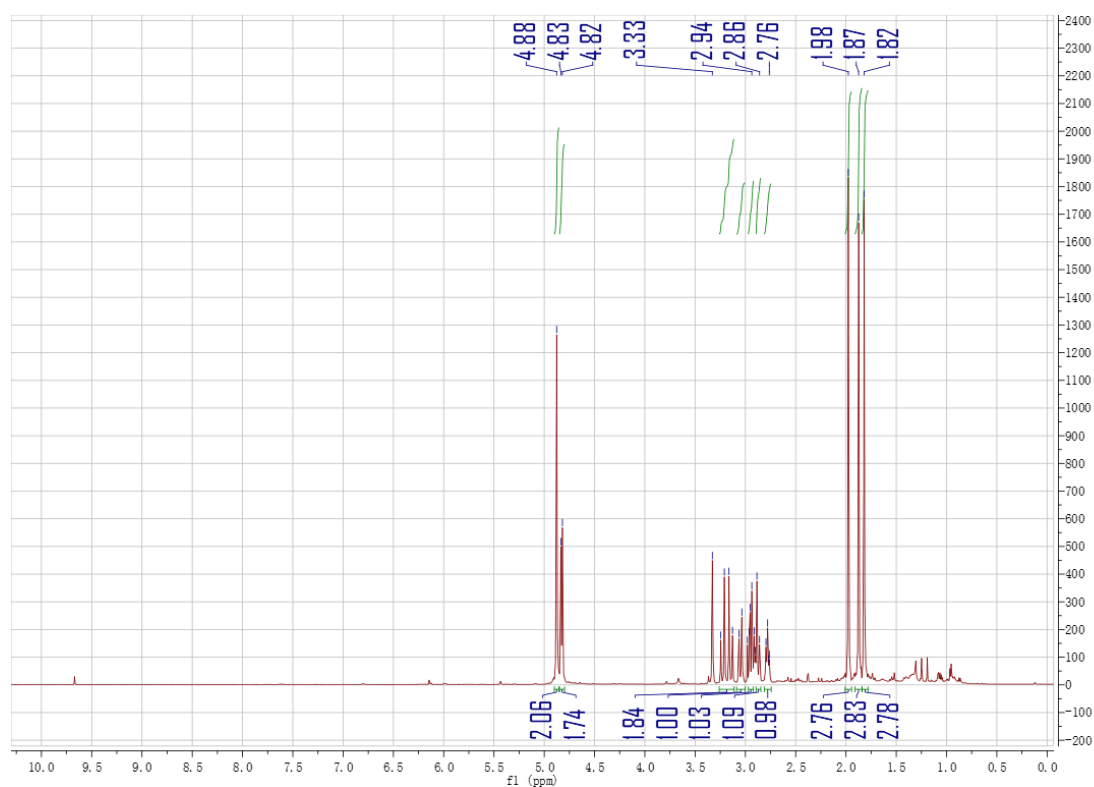


Figure S9. ^{13}C -NMR spectrum of **2**.

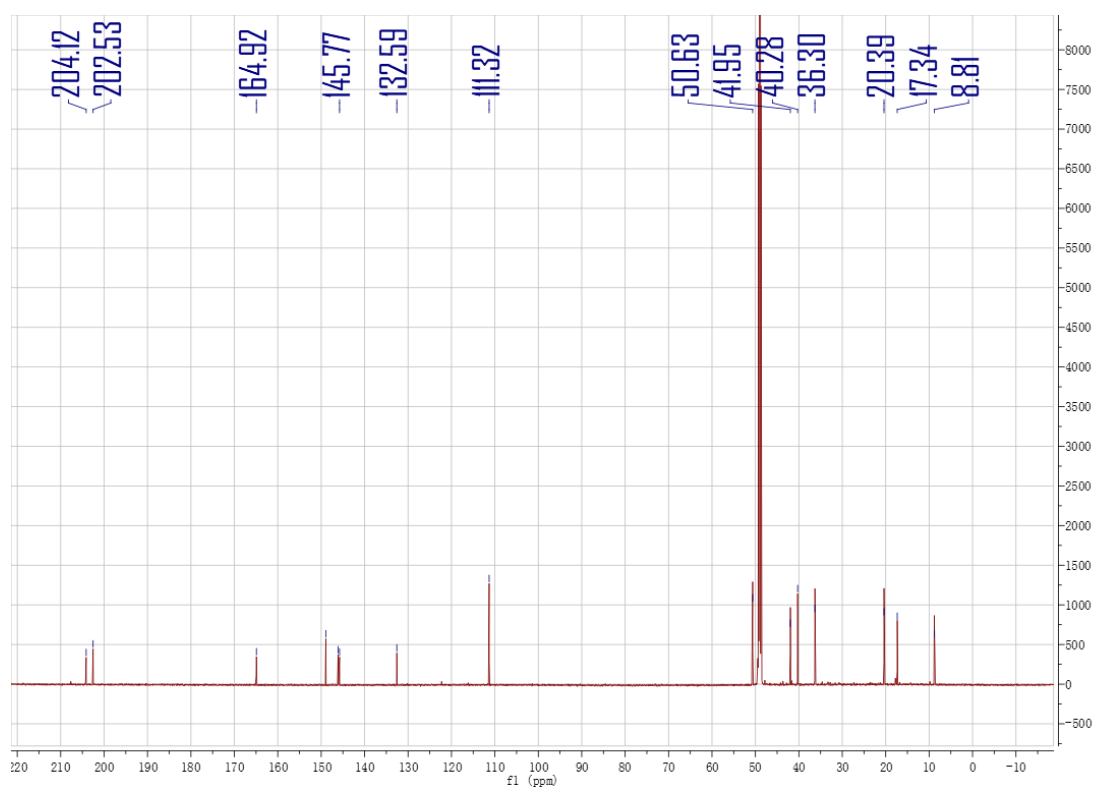


Figure S10. ^1H -NMR spectrum of **3**.

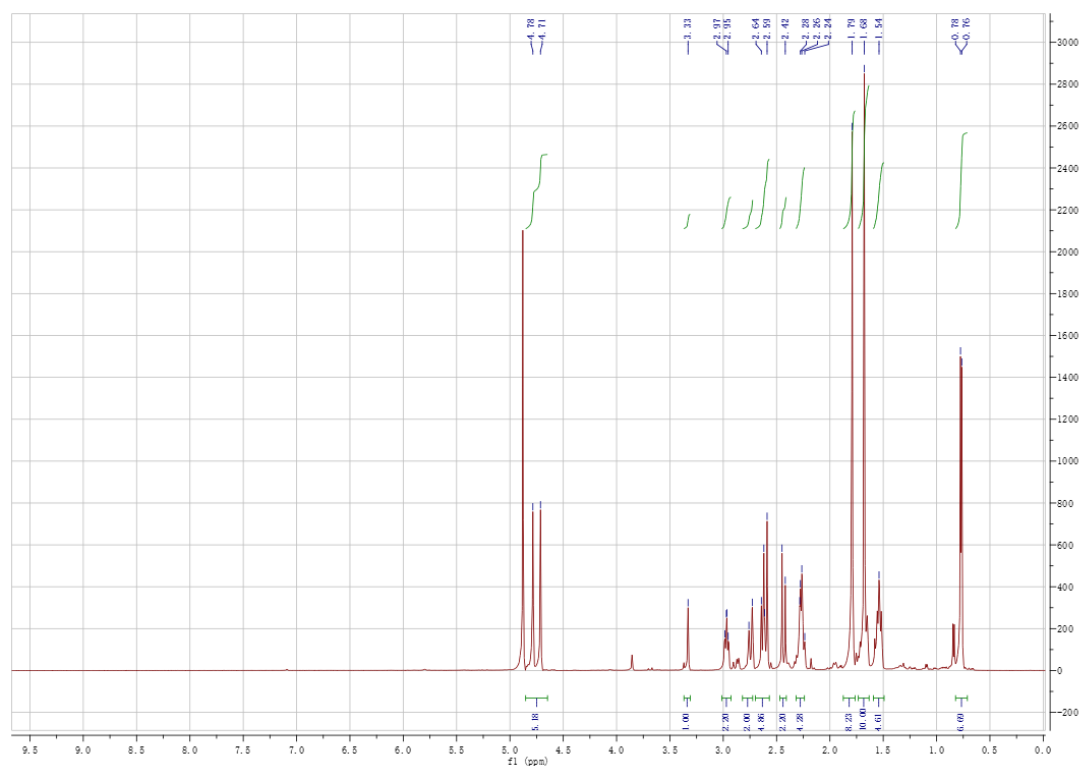


Figure S11. ^{13}C -NMR spectrum of **3**.

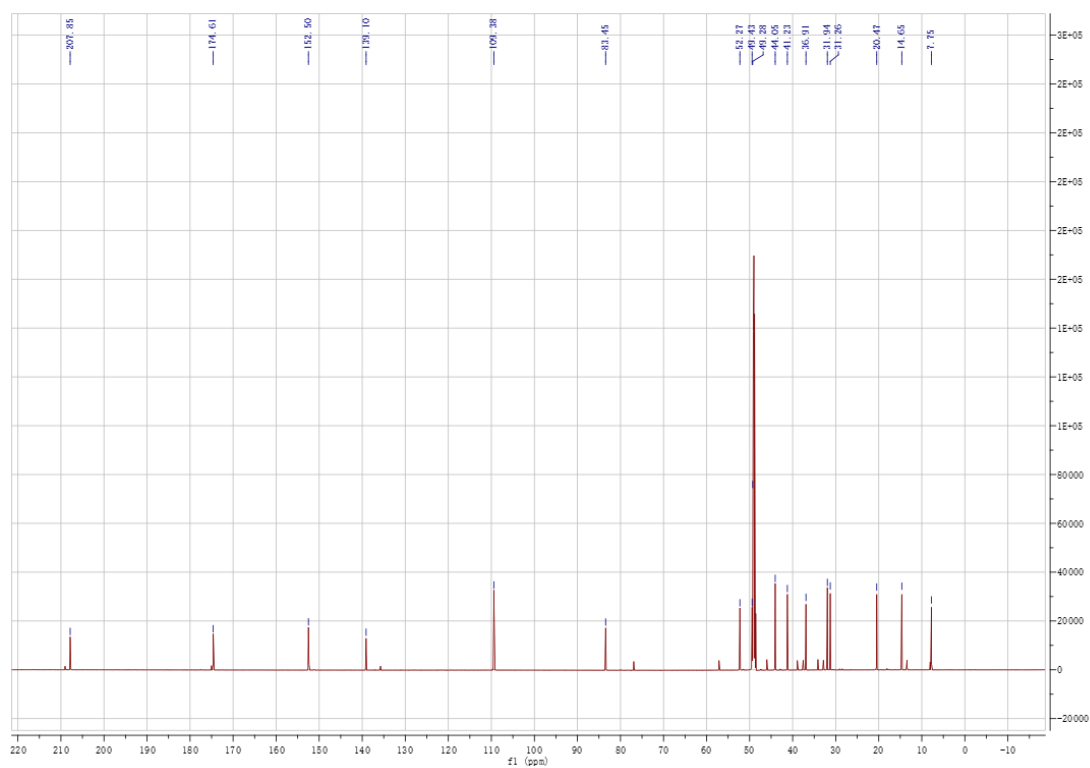


Figure S12. ^1H -NMR spectrum of **4**.

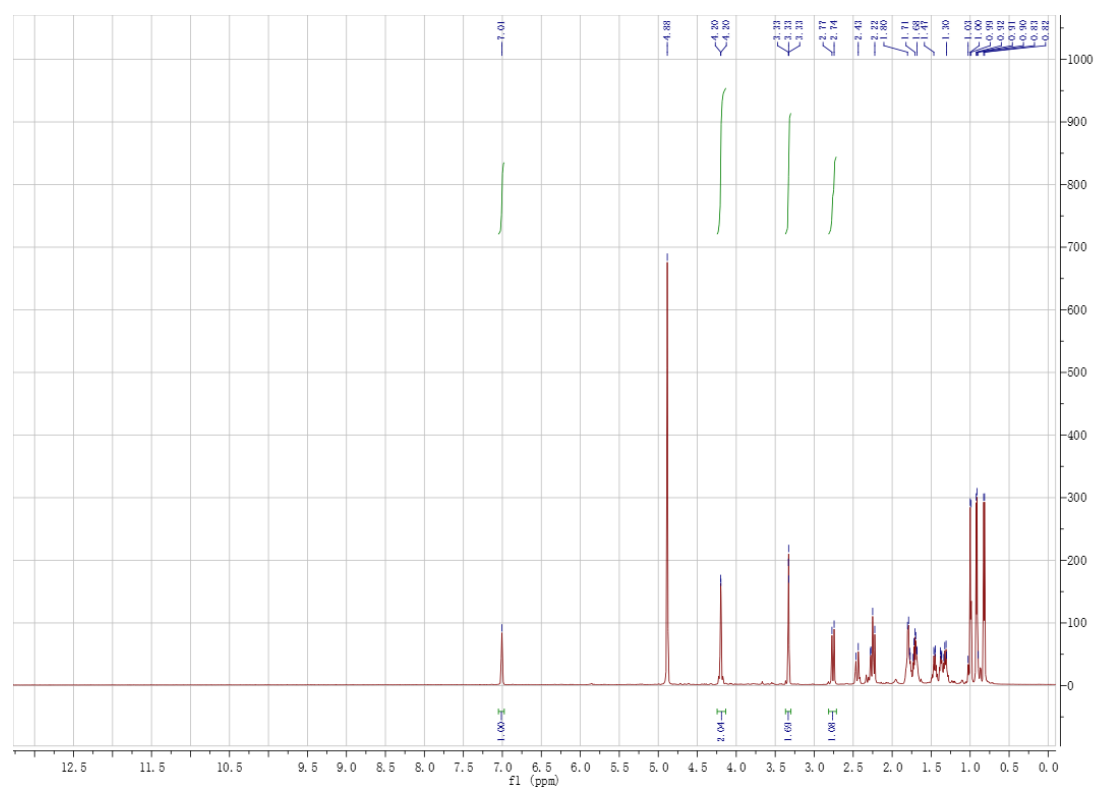


Figure S13. ^{13}C -NMR spectrum of **4**.

