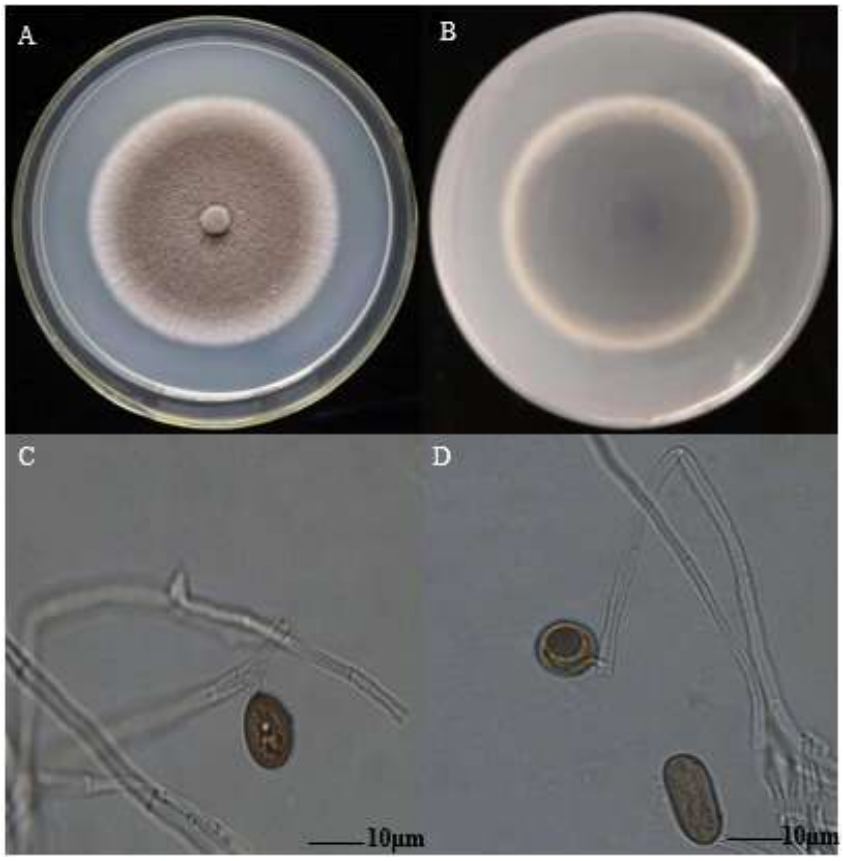
Supplementary material

Fungal Material

Figure S1. Morphological images of strain SYP-F6997



NMR Data

Figure S2-1.The ^{1}H NMR (400 MHz, DMSO-d_6) spectrum of compound 1.

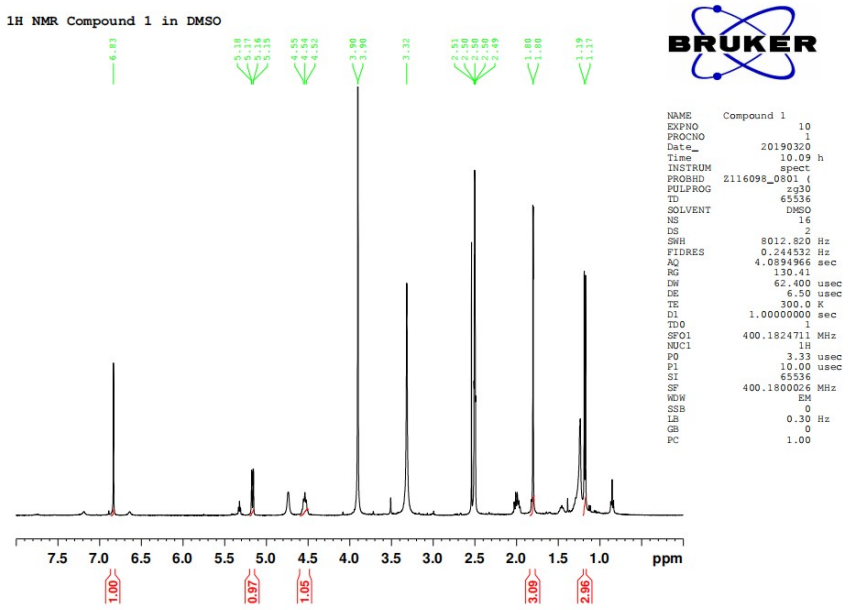


Figure S2-2. The ^{13}C NMR (100 MHz, DMSO-d_6) spectrum of compound 1.

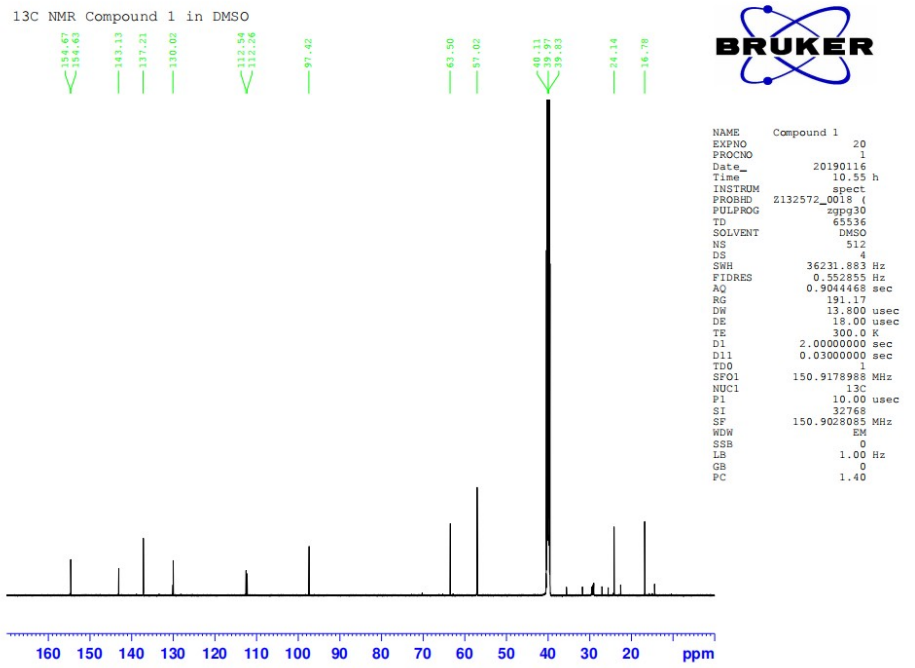


Figure S2-3. DEPT Spectrum of Compound 1.

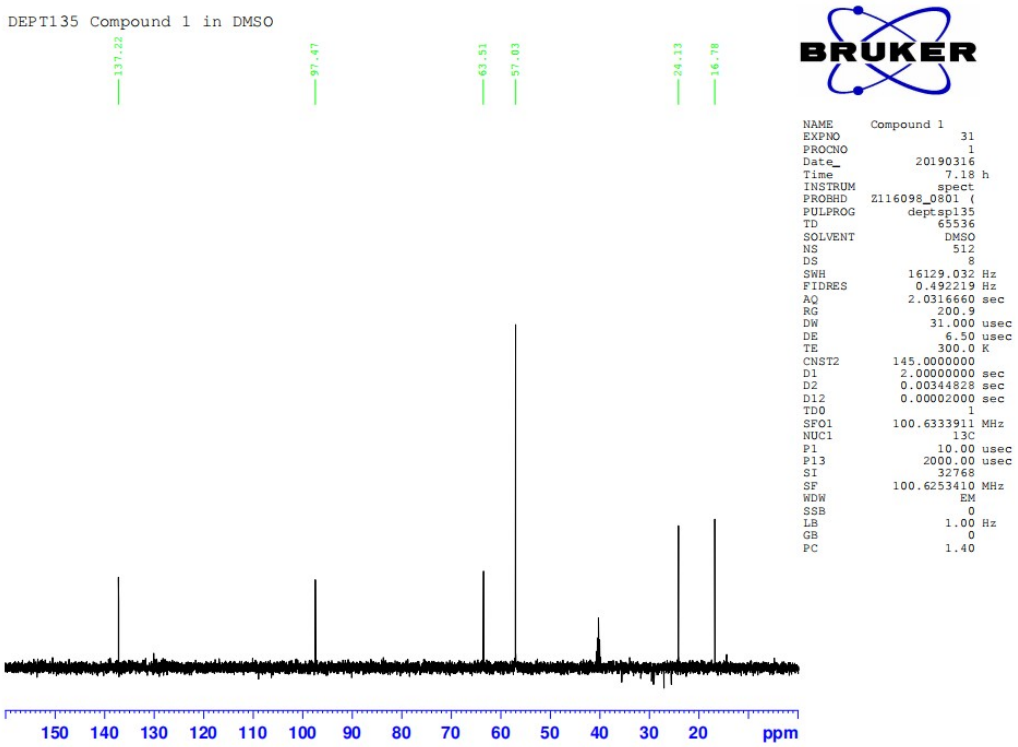


Figure S2-4. H-H COSY Spectrum of Compound 1.

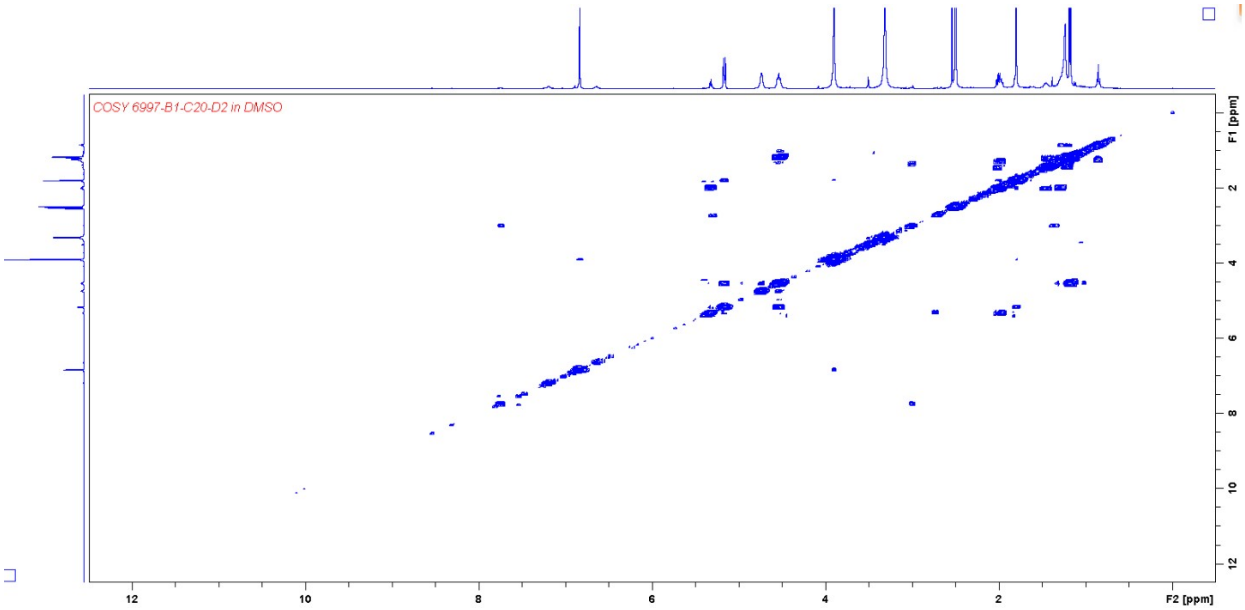


Figure S2-5. HSQC Spectrum of Compound 1.

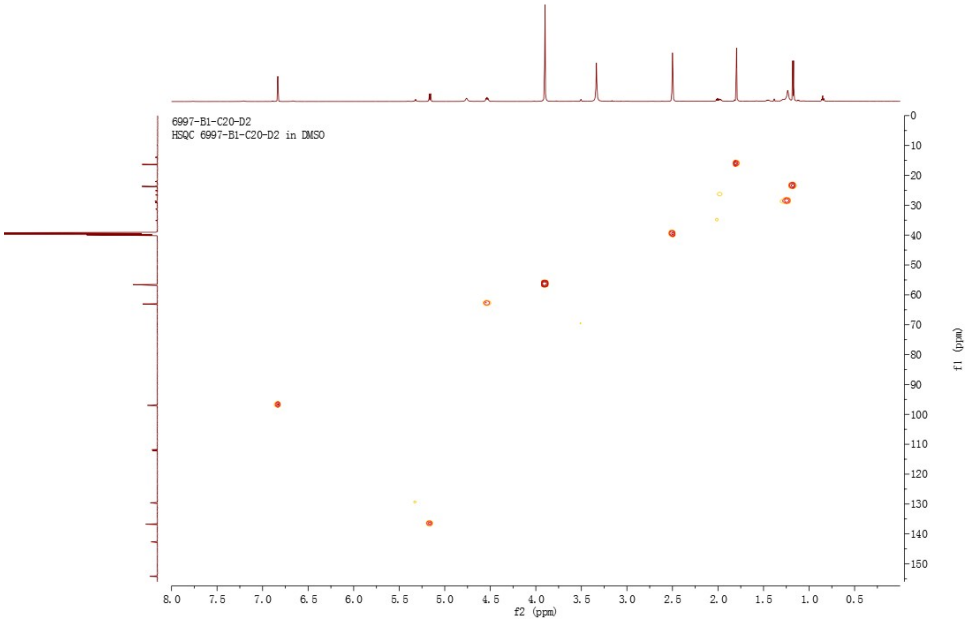


Figure S2-6. HMBC Spectrum of Compound 1.

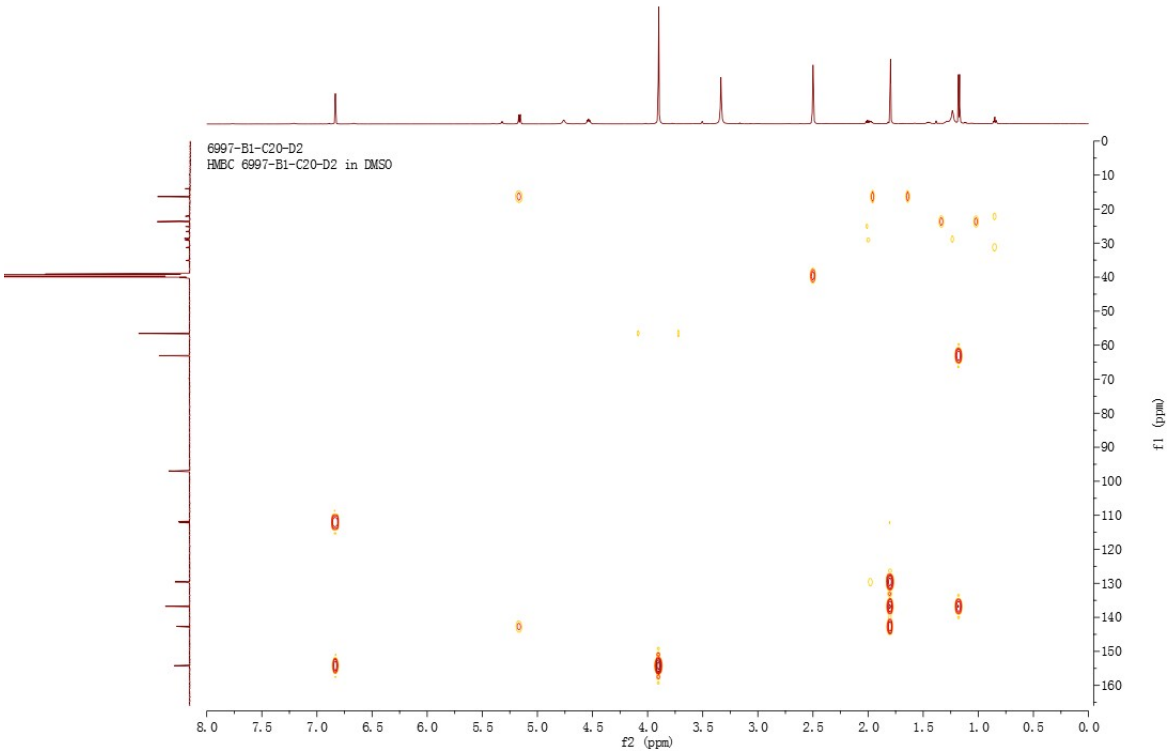


Figure S2-7. NOE Spectrum of Compound 1.

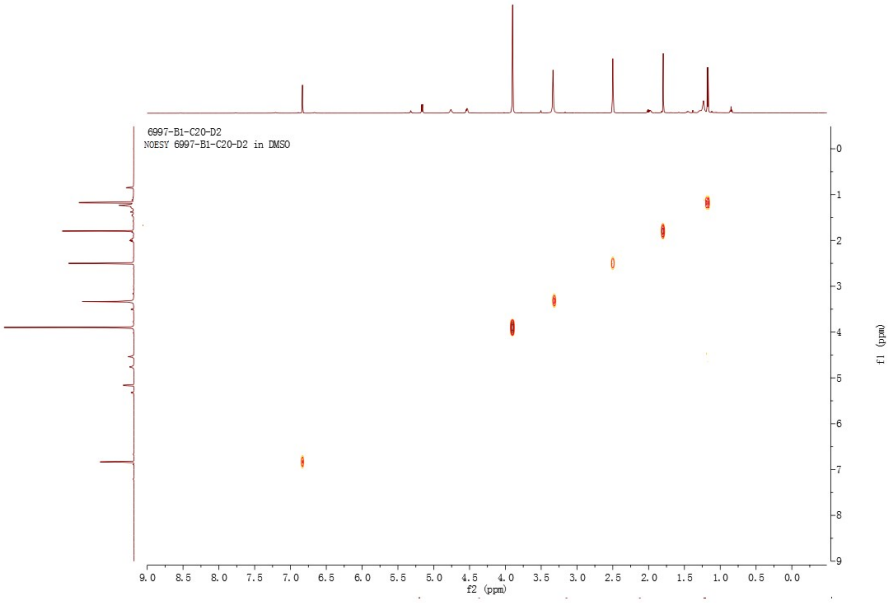


Figure S2-8. IR of Compound 1.

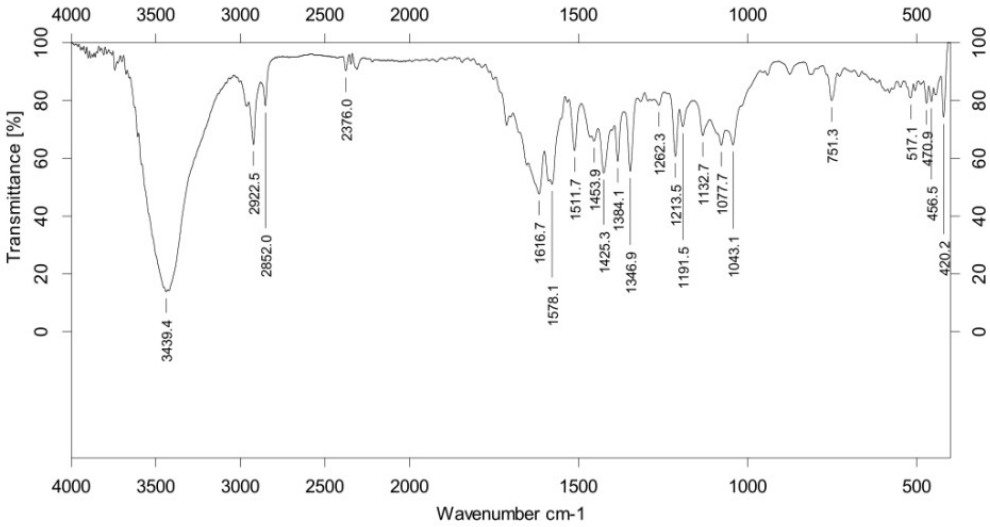


Figure S2-9. UV of Compound 1.

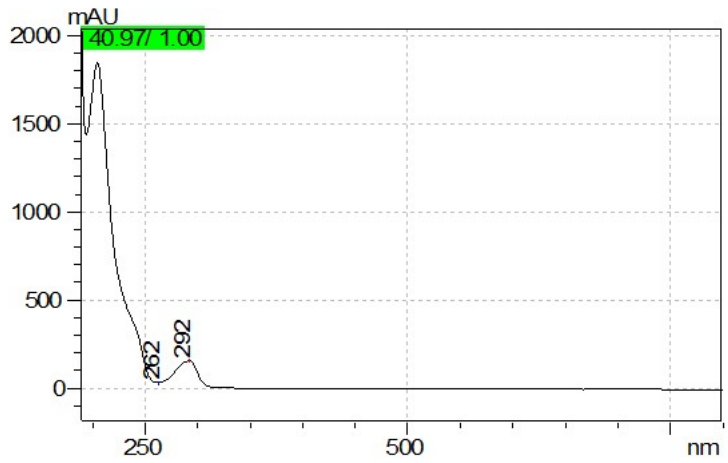


Figure S2-10. (+)-HRESIMS of Compound 1.

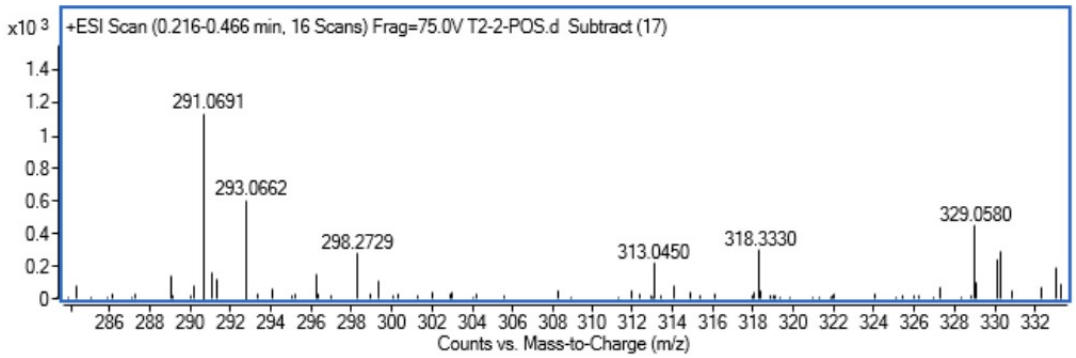


Figure S3-1. The ^{1}H NMR (400 MHz, DMSO-d_6) spectrum of compound 2.

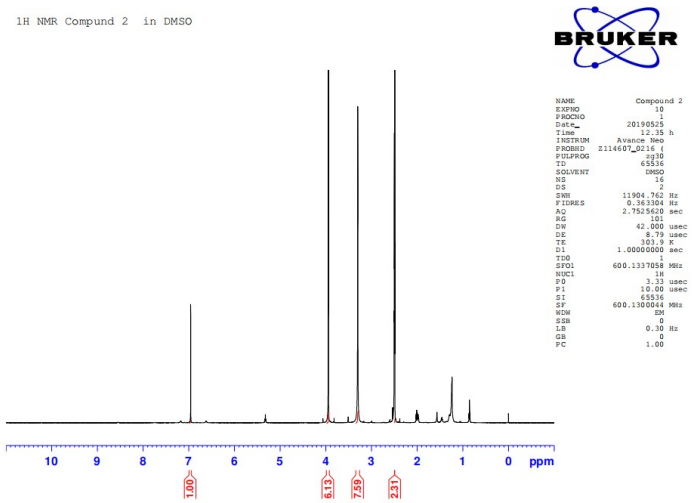


Figure S3-2. The ^{13}C NMR (100 MHz, DMSO-d_6) spectrum of compound 2.

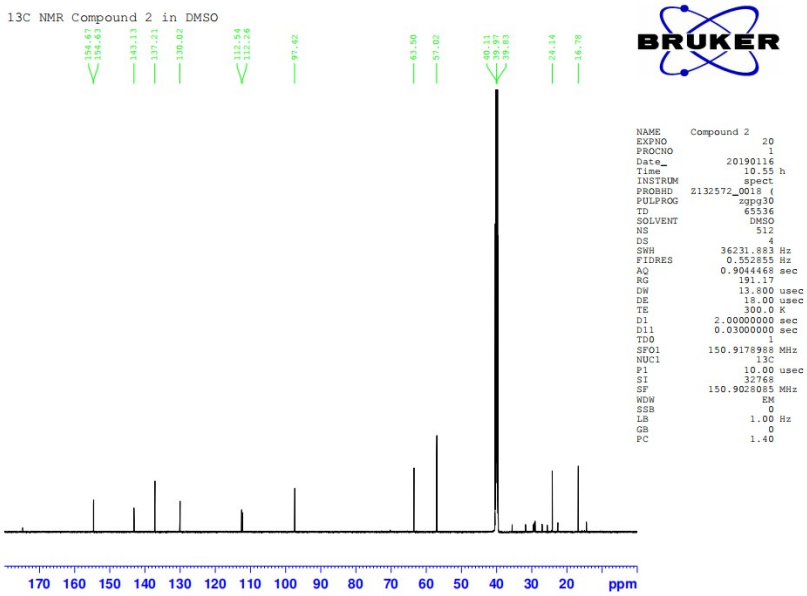


Figure S3-3. HSQC Spectrum of Compound 2.

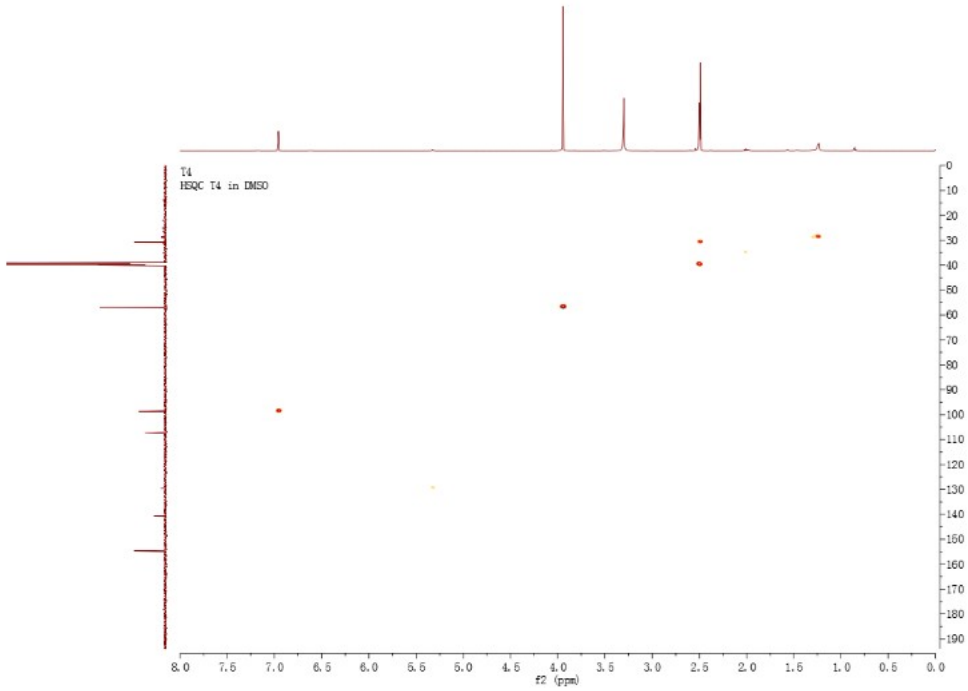


Figure S3-4. HMBC Spectrum of Compound 2.

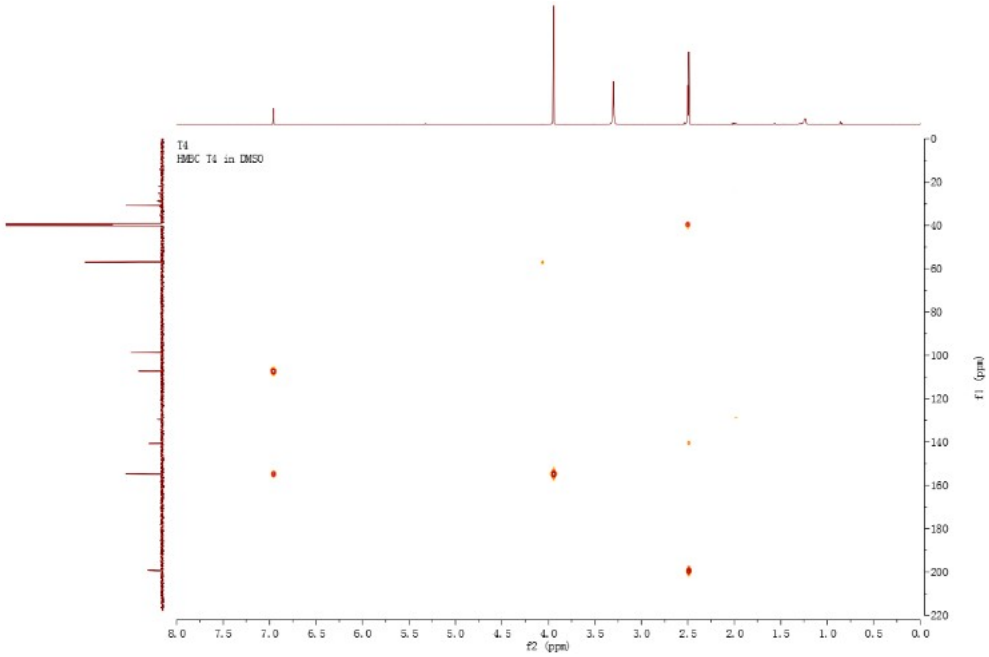


Figure S3-5. NOESY Spectrum of Compound 2.

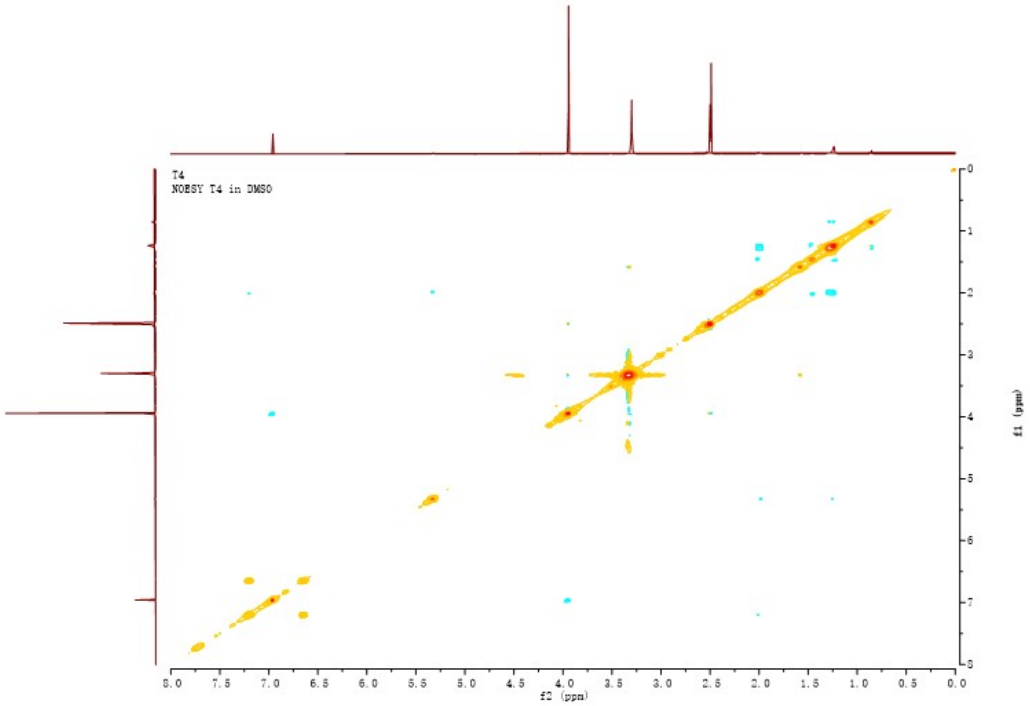


Figure S3-6. (+)-HRESIMS of Compound 2.

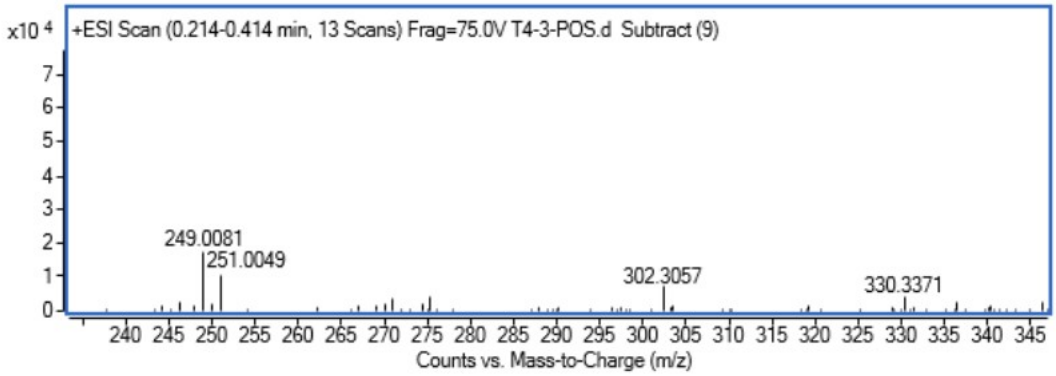


Figure S3-7. IR spectrum of compound 2.

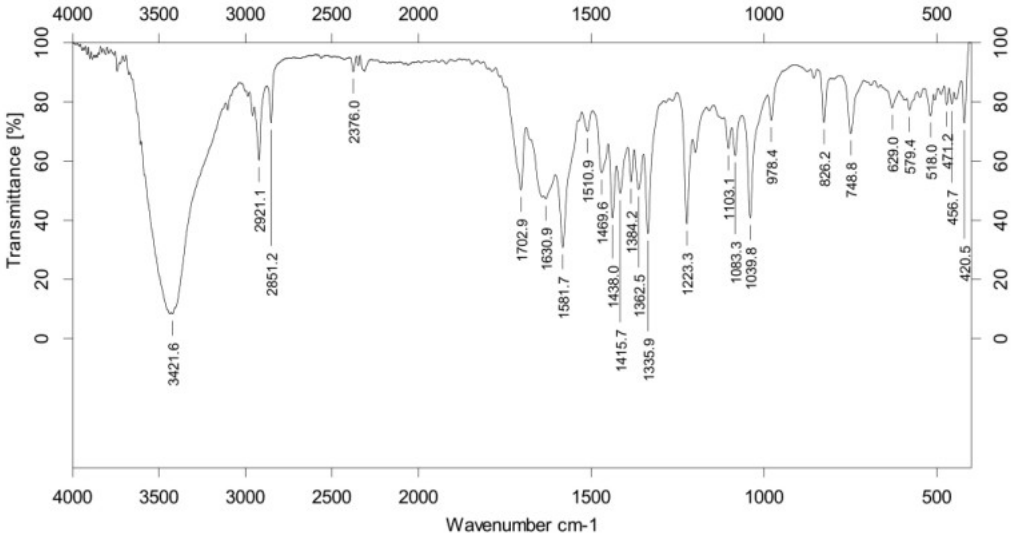


Figure S3-8. UV spectrum of compound 2.

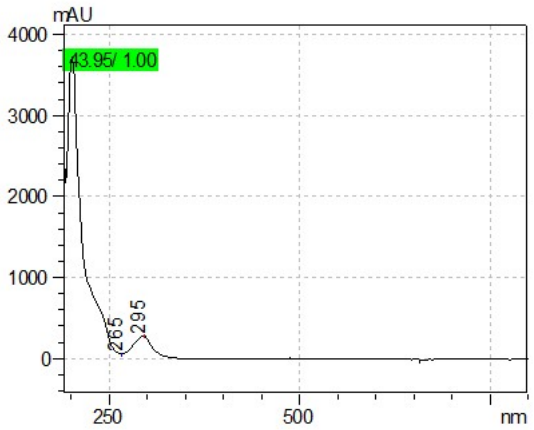


Figure S4-1. The ^{1}H NMR (400 MHz, DMSO-d_6) spectrum of compound 3.

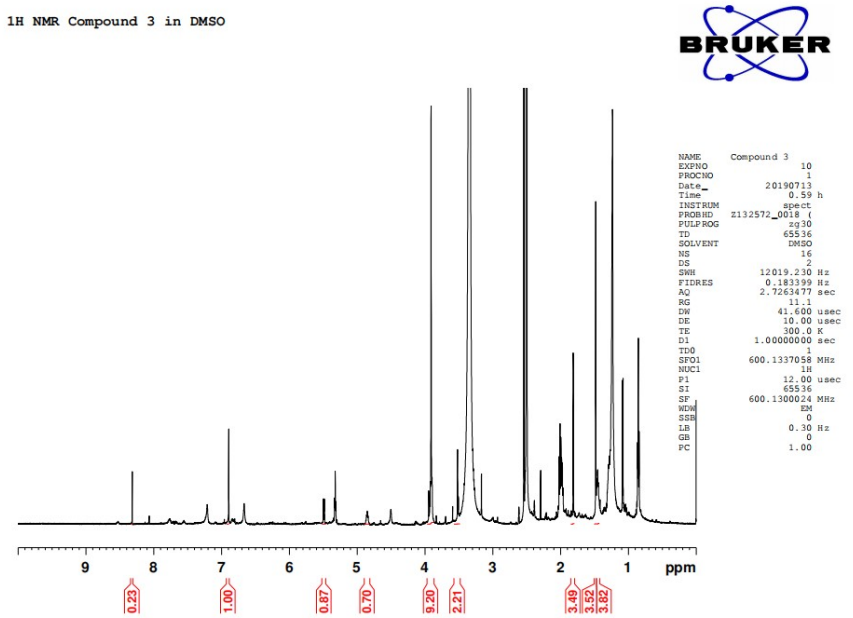


Figure S4-2. The ^{13}C NMR (100 MHz, DMSO-d_6) spectrum of compound 3.

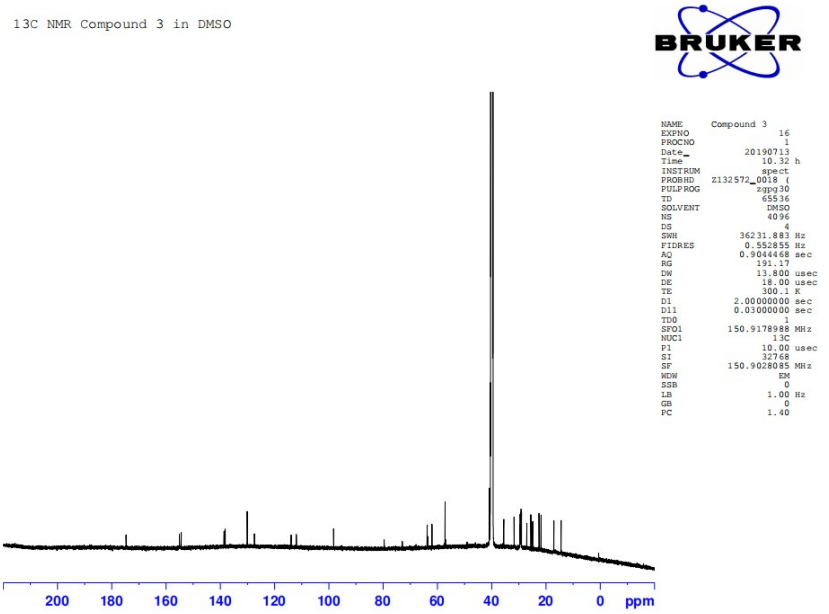


Figure S4-3. HSQC Spectrum of Compound 3.

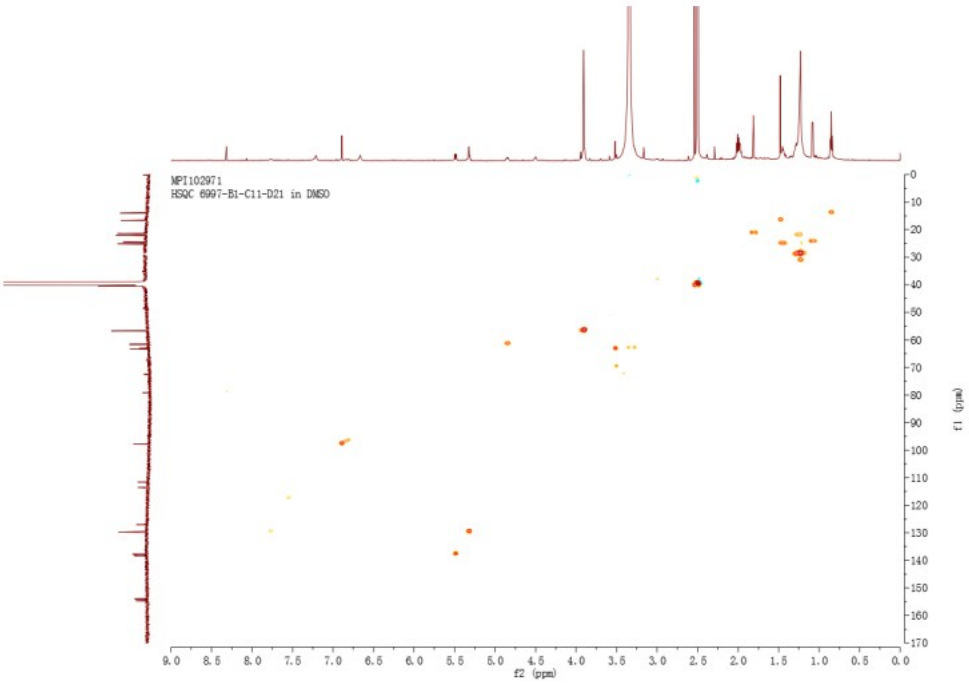


Figure S4-4. HMBC Spectrum of Compound 3.

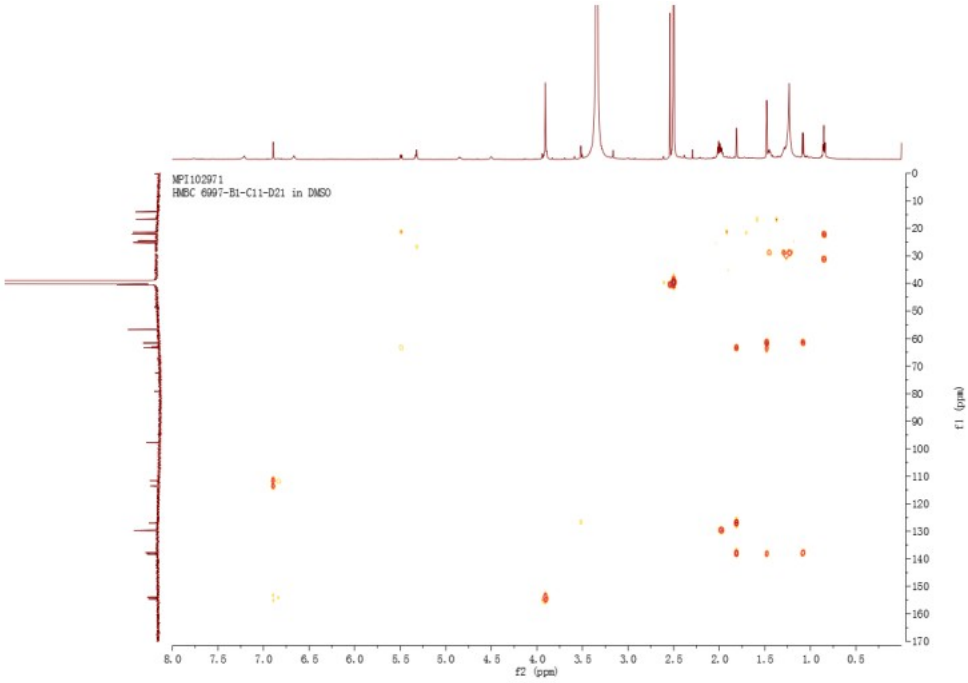


Figure S4-5. NOESY Spectrum of Compound 3.

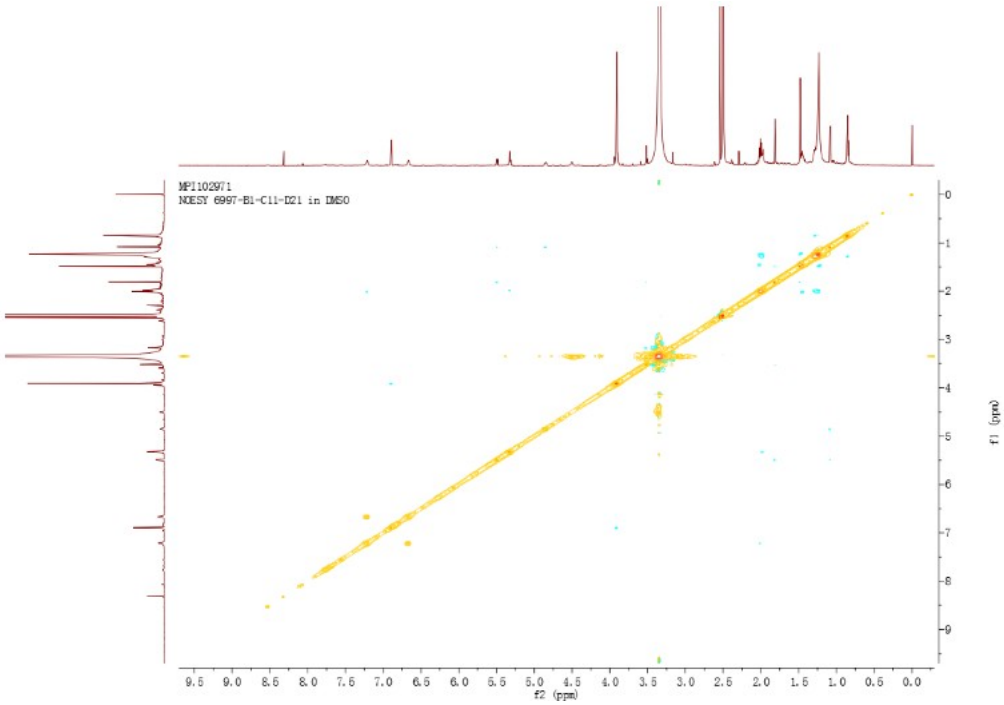


Figure S4-6. (+)-HRESIMS of Compound 3.

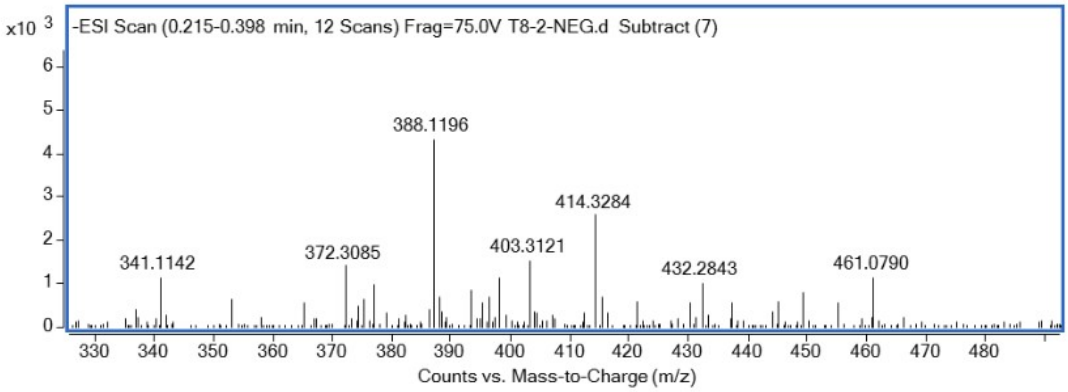


Figure S4-7. IR spectrum of compound 3.

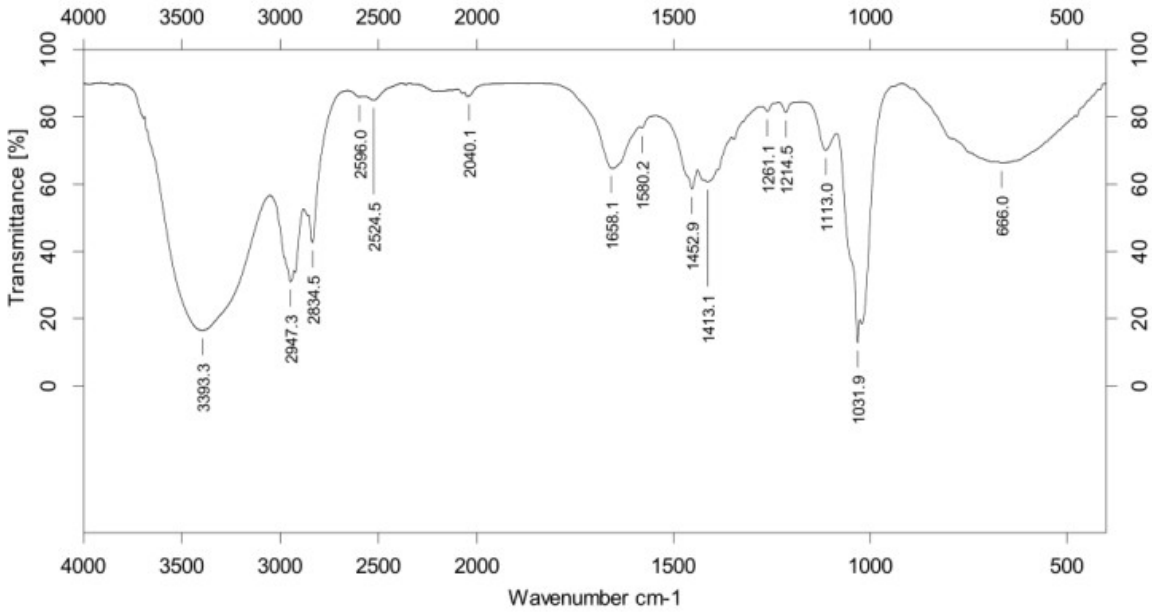


Figure S4-8. UV spectrum of compound 3.

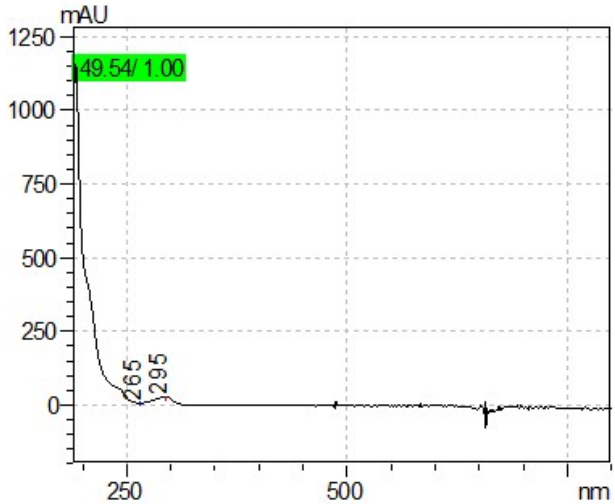


Figure S5-1. The ^{1}H NMR (400 MHz, DMSO-d_6) spectrum of compound 4.

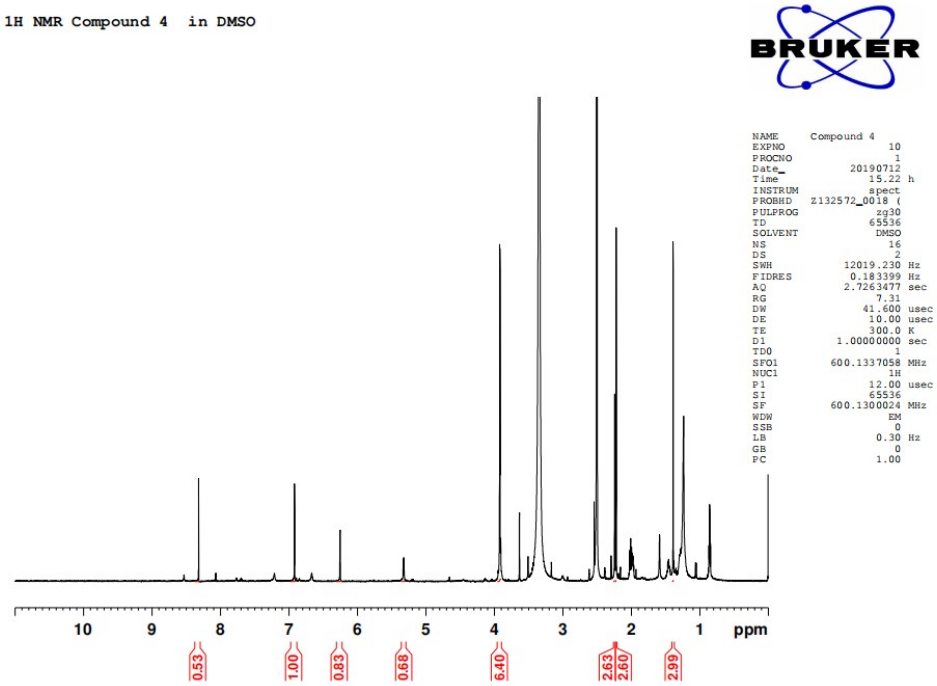


Figure S5-2. The ^{13}C NMR (100 MHz, DMSO-d_6) spectrum of compound 4.

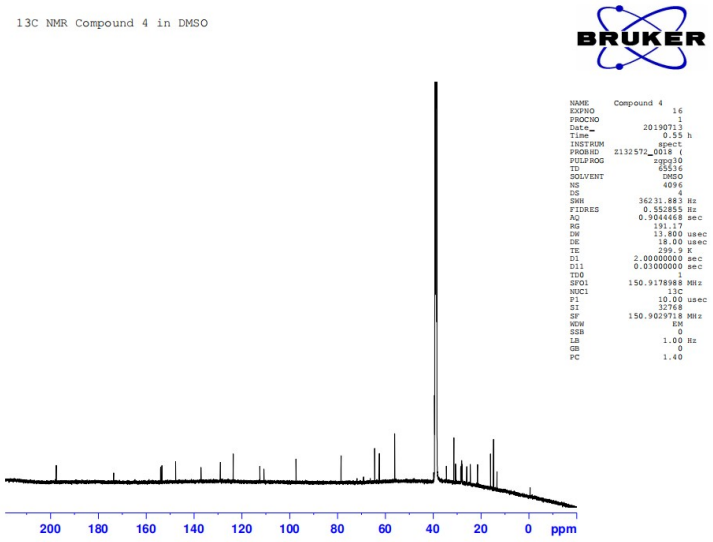


Figure S5-3. The DEPT135°spectrum of 4

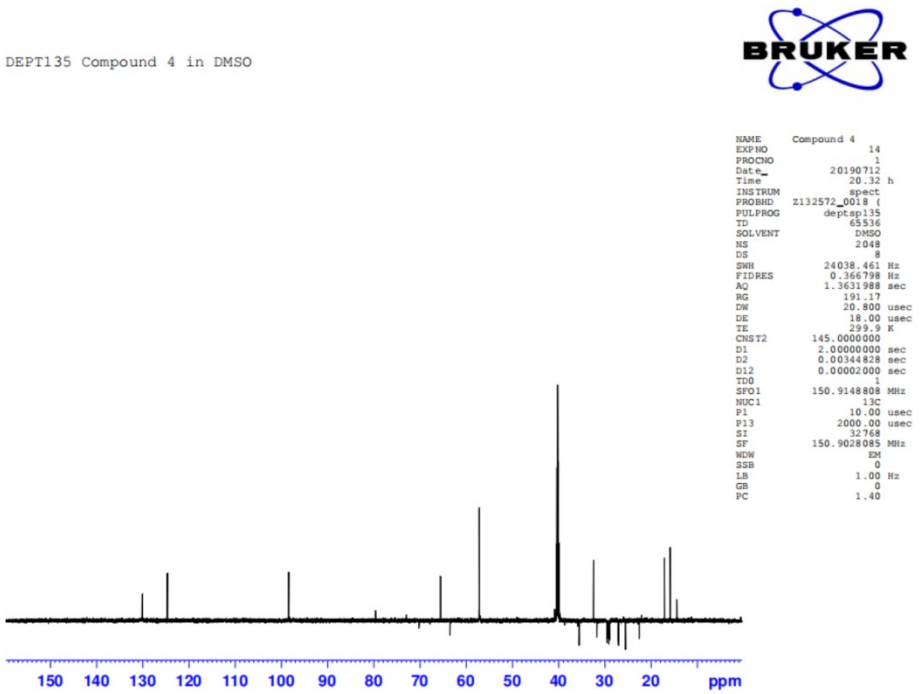


Figure S5-4. HSQC Spectrum of Compound 4.

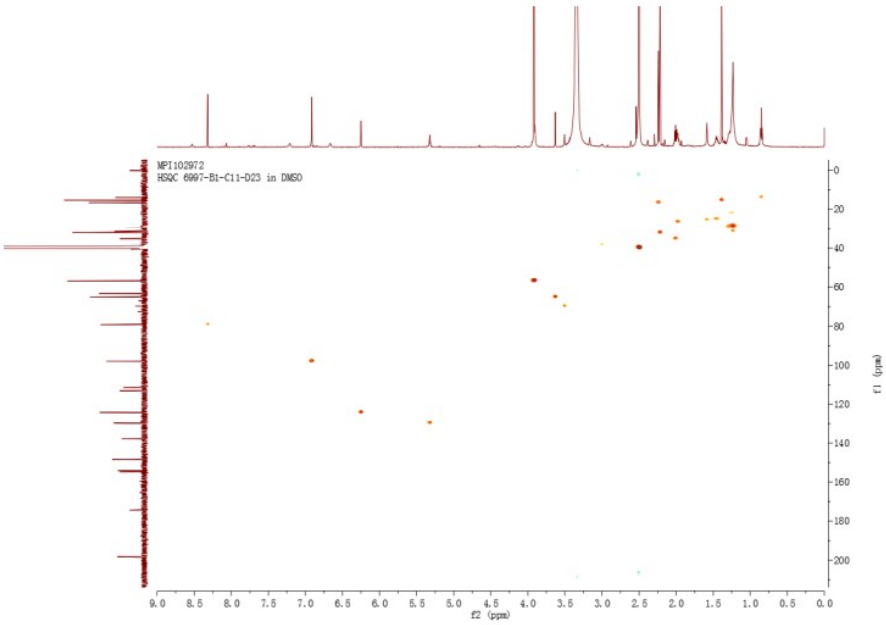


Figure S5-5. HMBC Spectrum of Compound 4.

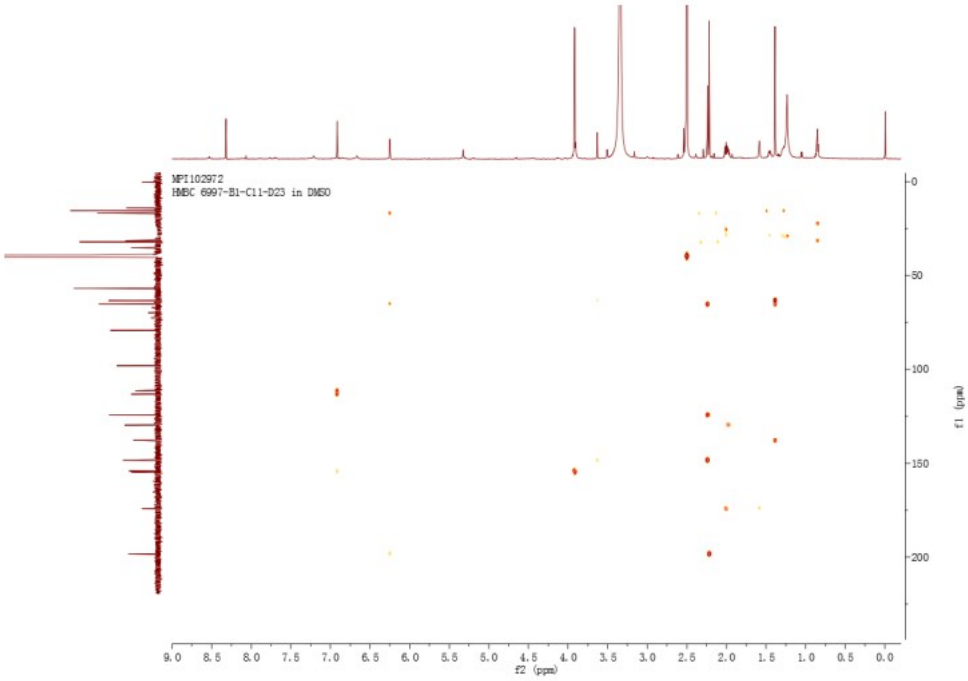


Figure S5-6. NOESY Spectrum of Compound 4.

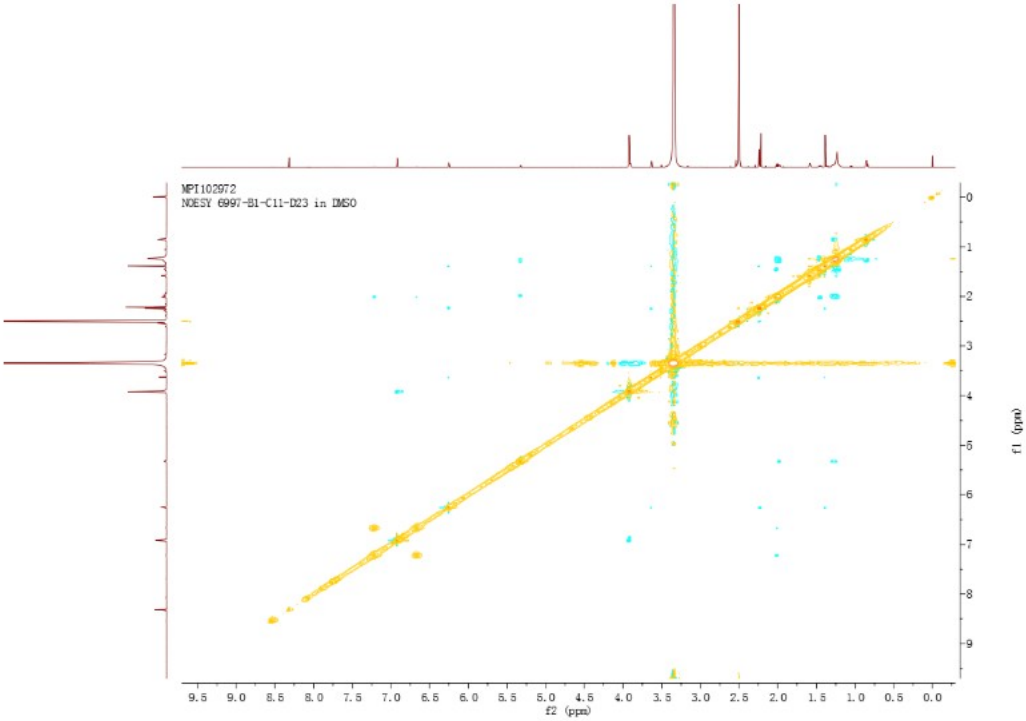


Figure S5-7. (+)-HRESIMS of Compound 4.

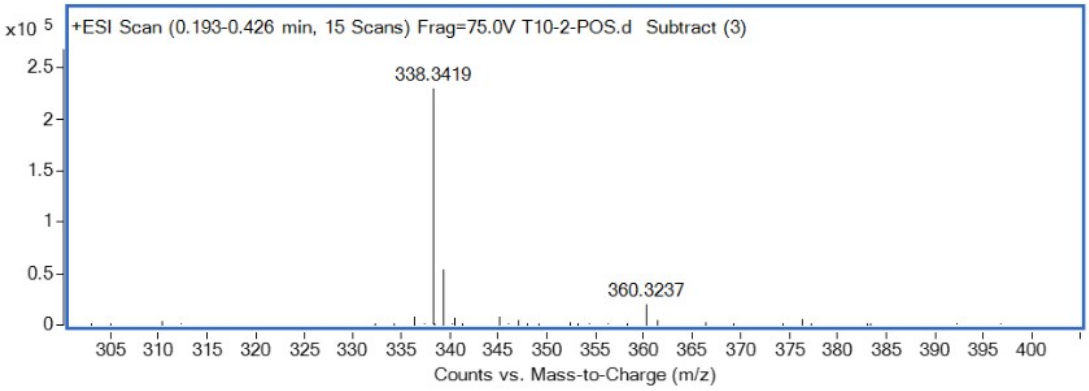


Figure S5-8. IR spectrum of compound 4.

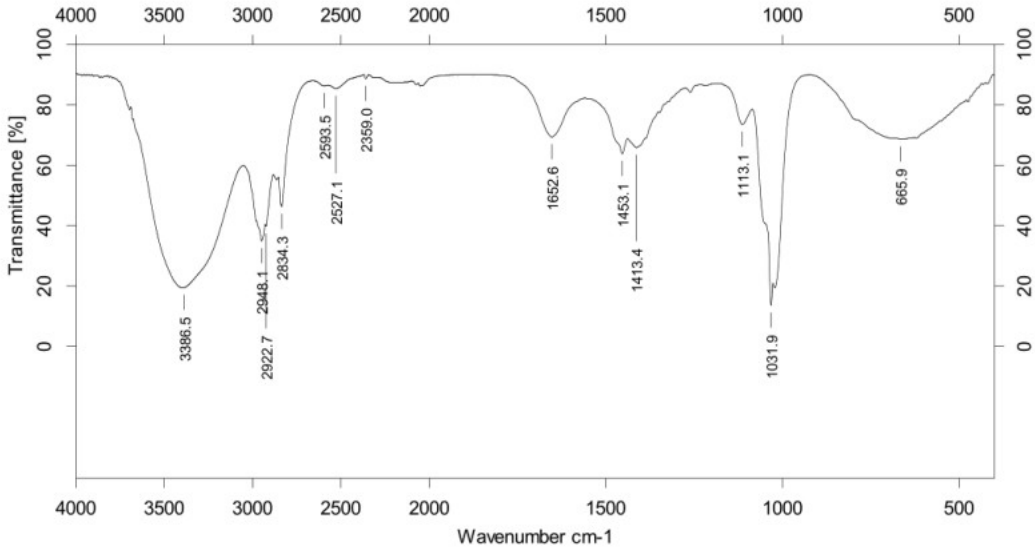


Figure S5-9. UV spectrum of compound 4.

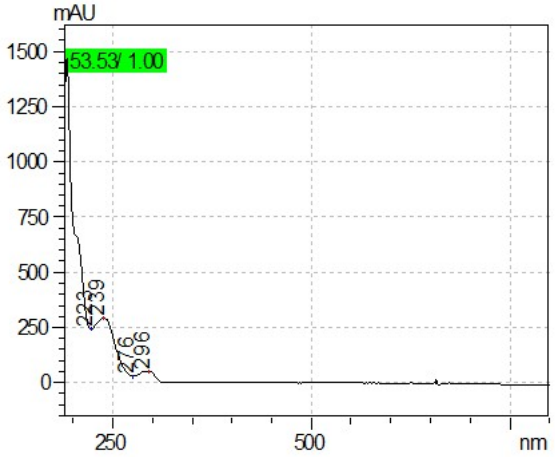


Figure S6-1. The ^{1}H NMR (400 MHz, DMSO-d_6) spectrum of compound 5.

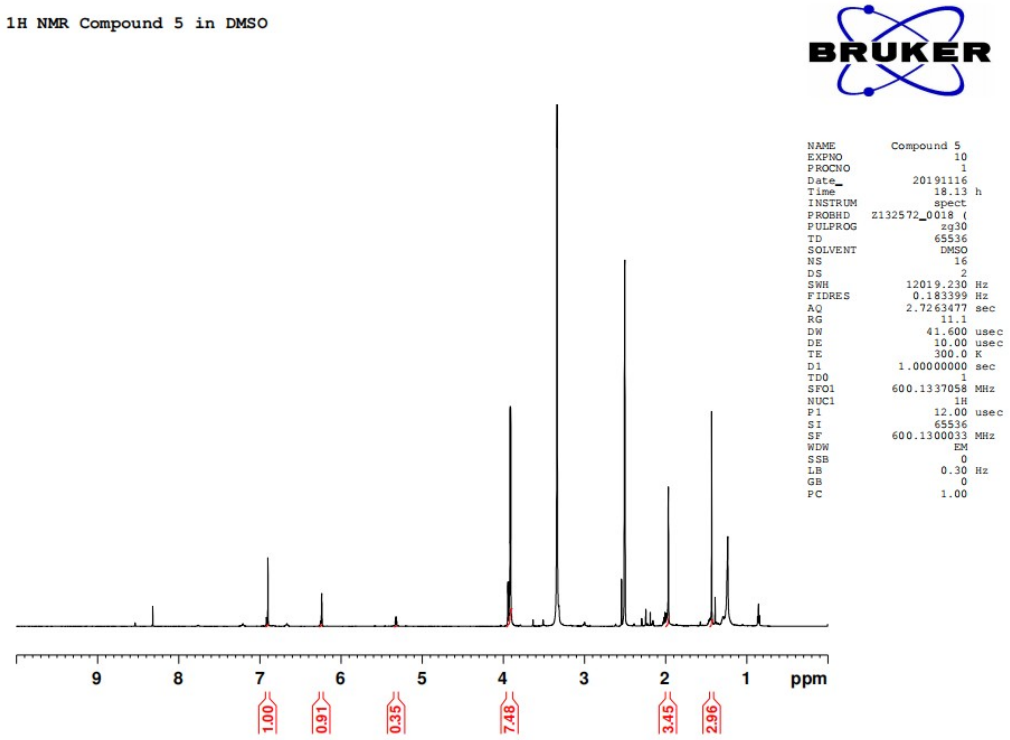


Figure S6-2. The ^{13}C NMR (100 MHz, DMSO-d_6) spectrum of compound 5.

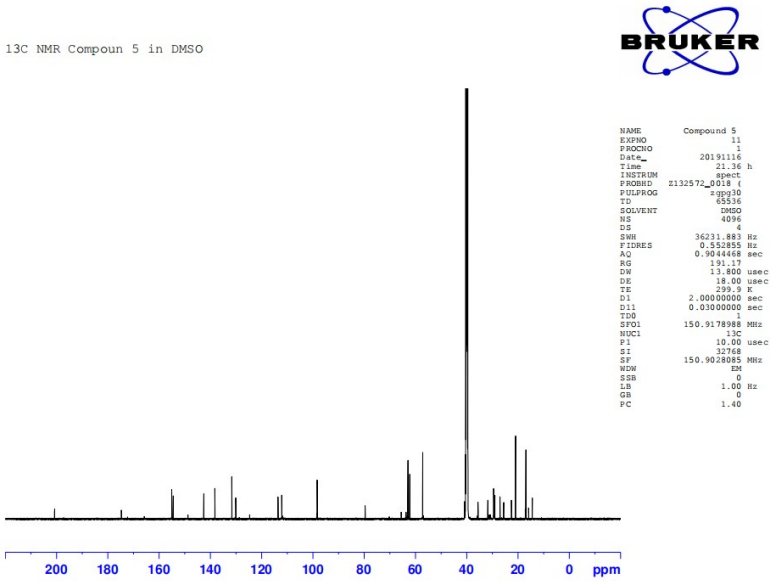


Figure S6-3. DEPT Spectrum of Compound 5.

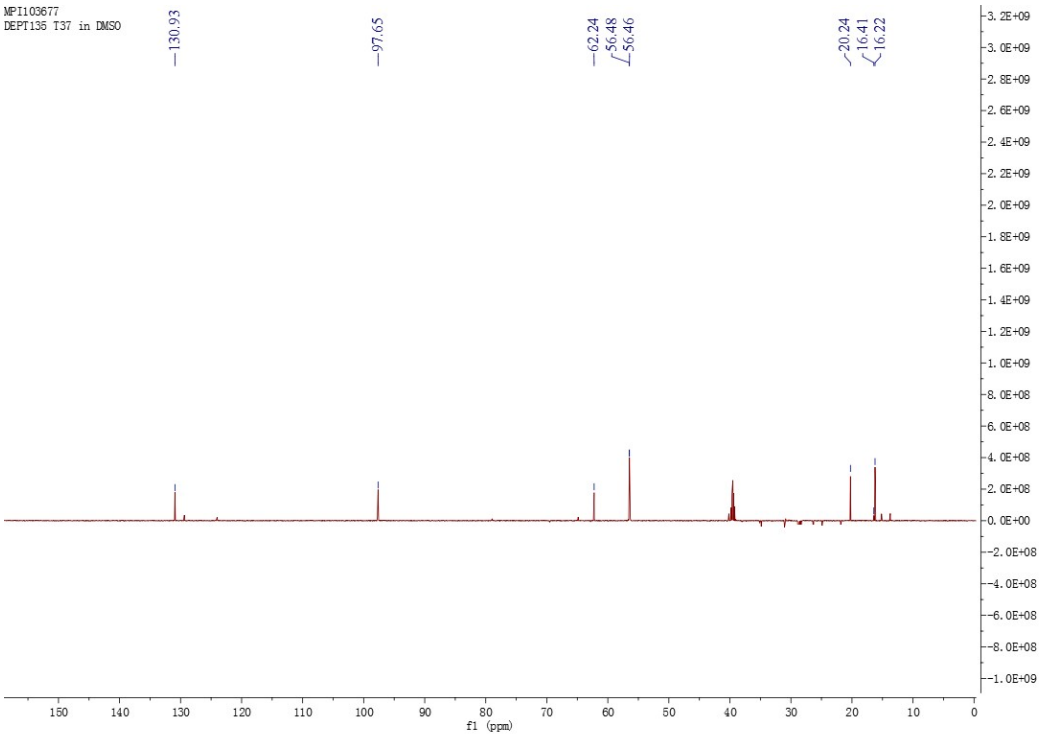


Figure S6-4. HSQC Spectrum of Compound 5.

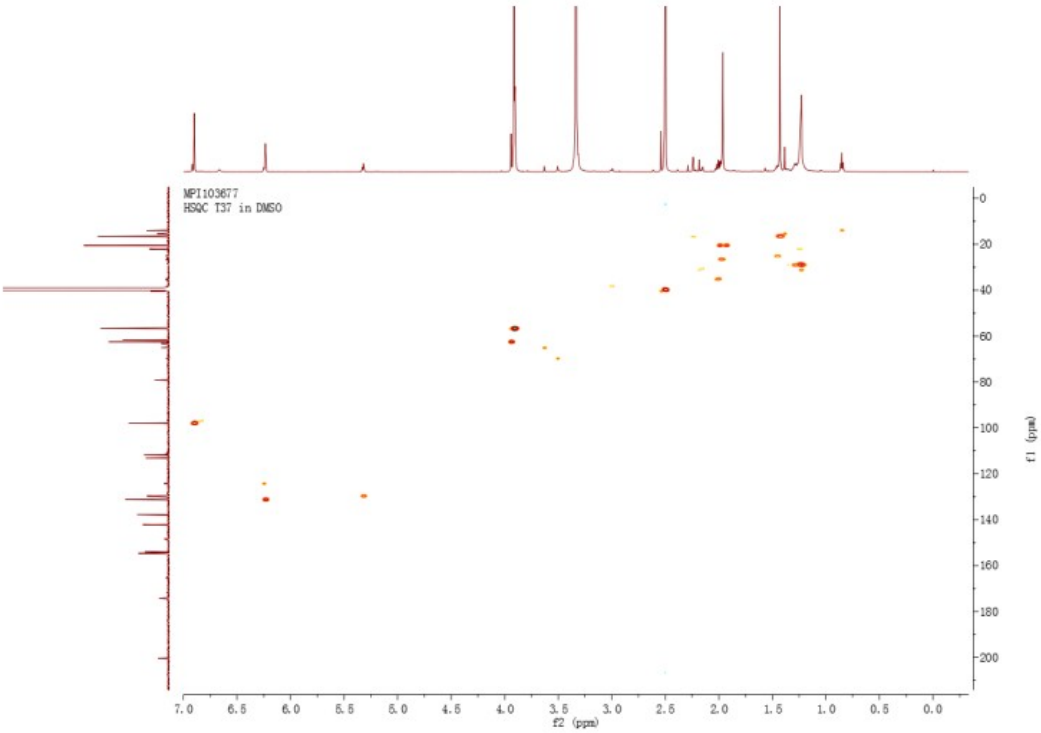


Figure S6-5. HMBC Spectrum of Compound 5.

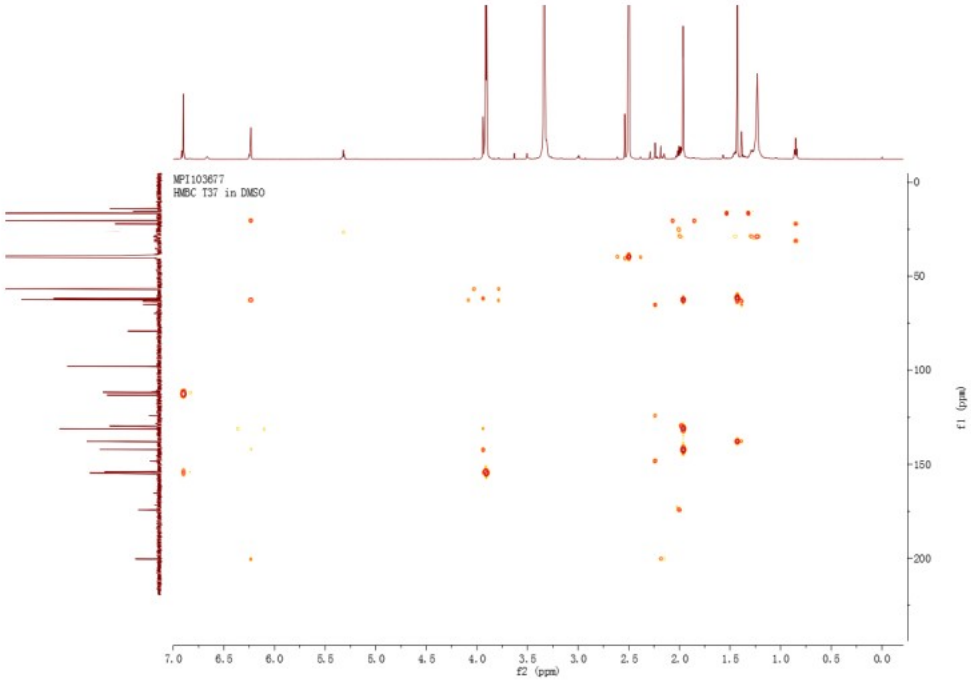


Figure S6-6. NOESY Spectrum of Compound 5.

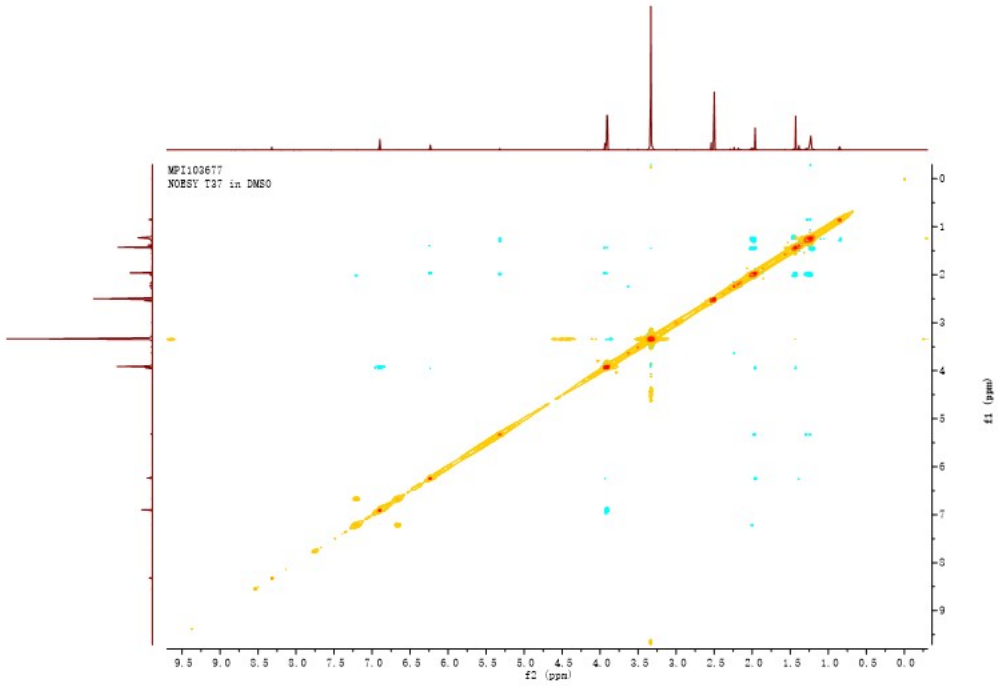


Figure S6-7. (+)-HRESIMS of Compound 5.

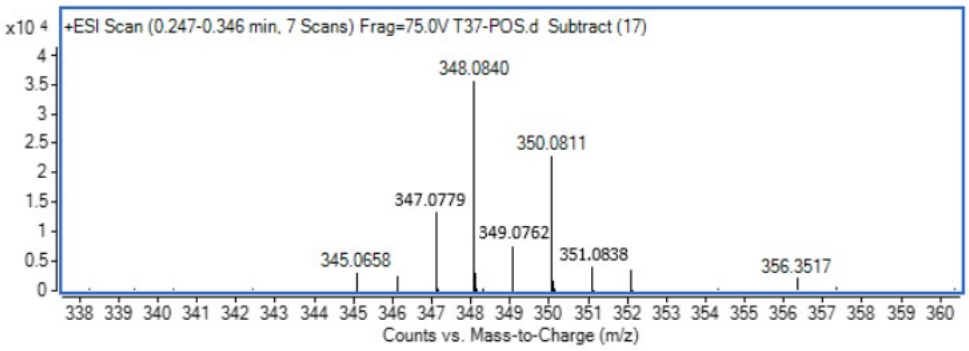


Figure S6-8. IR spectrum of compound 5.

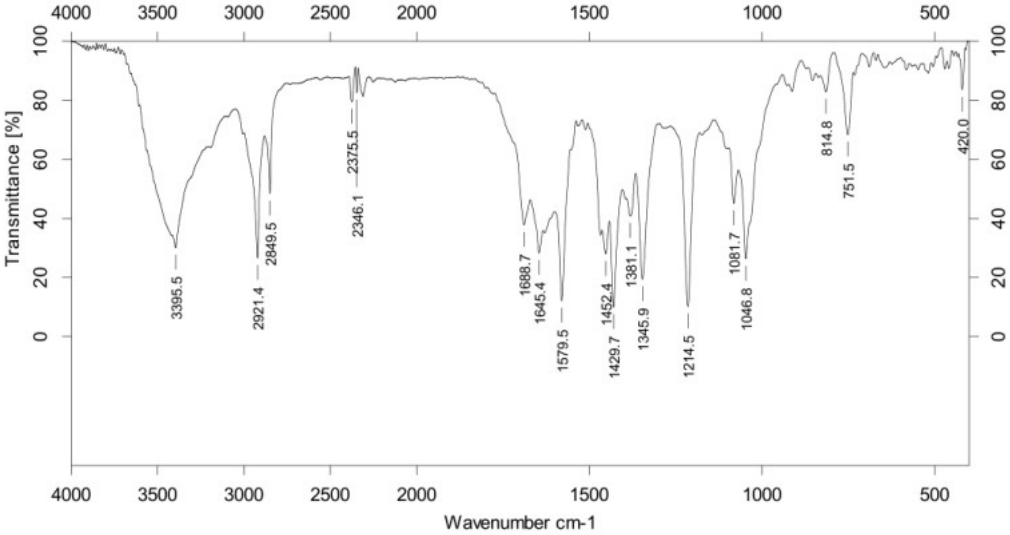
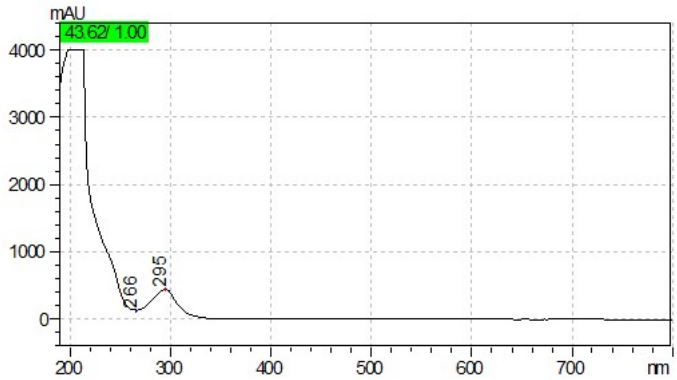


Figure S6-9. UV spectrum of compound 5.



The known compounds

Figure S 7-1 (+)-HRESIMS of Compound 6.

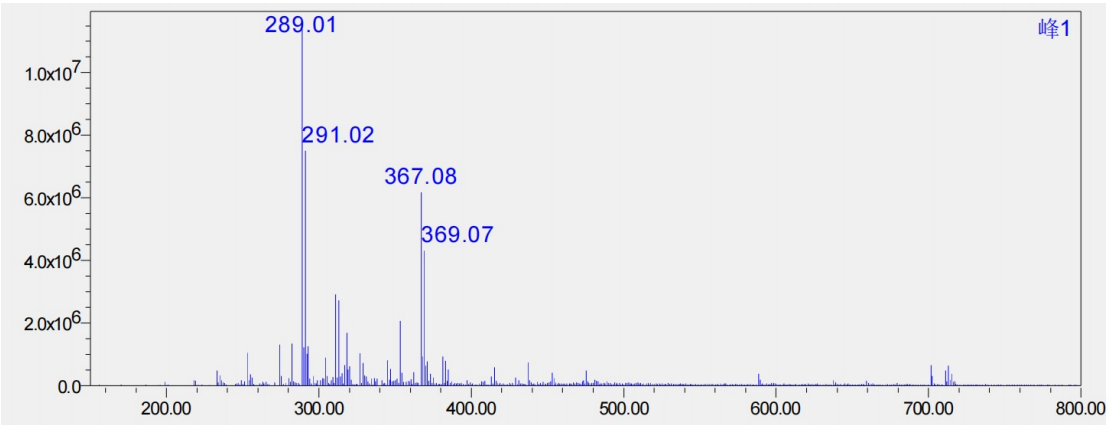


Figure S 7-2 The ^{1}H NMR (400 MHz, DMSO-d_6) spectrum of compound 6.

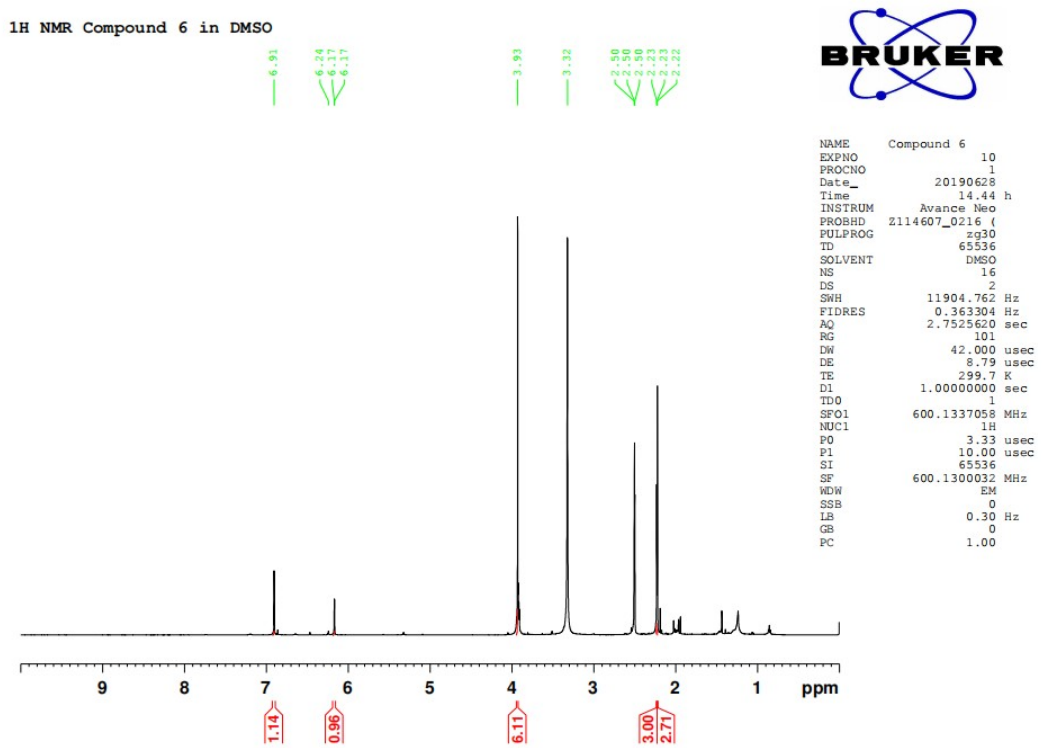


Figure 7-3 The ^{13}C NMR (100 MHz, DMSO-d_6) spectrum of compound 6.

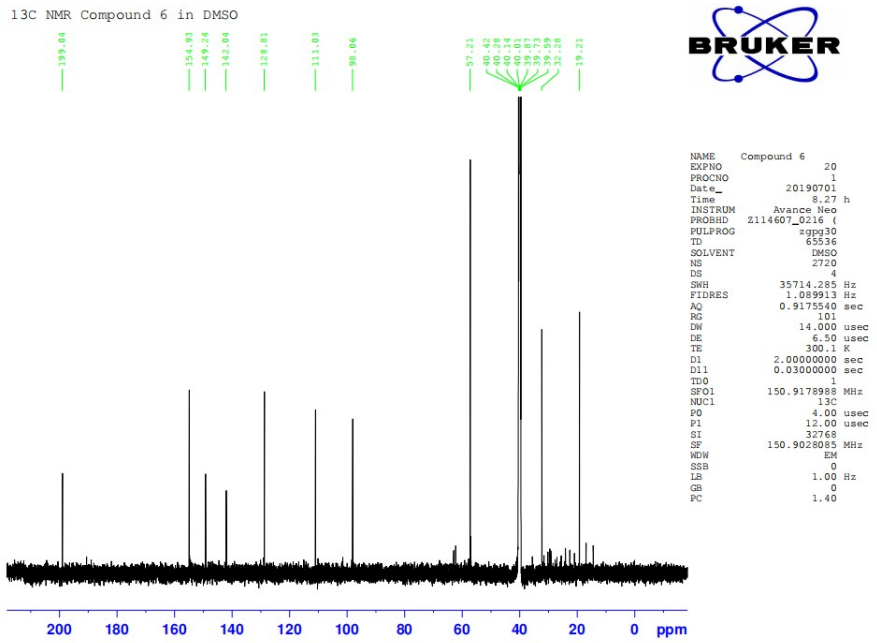


Figure S 8-1 The ^{1}H NMR (400 MHz, DMSO-d_6) spectrum of compound 7.

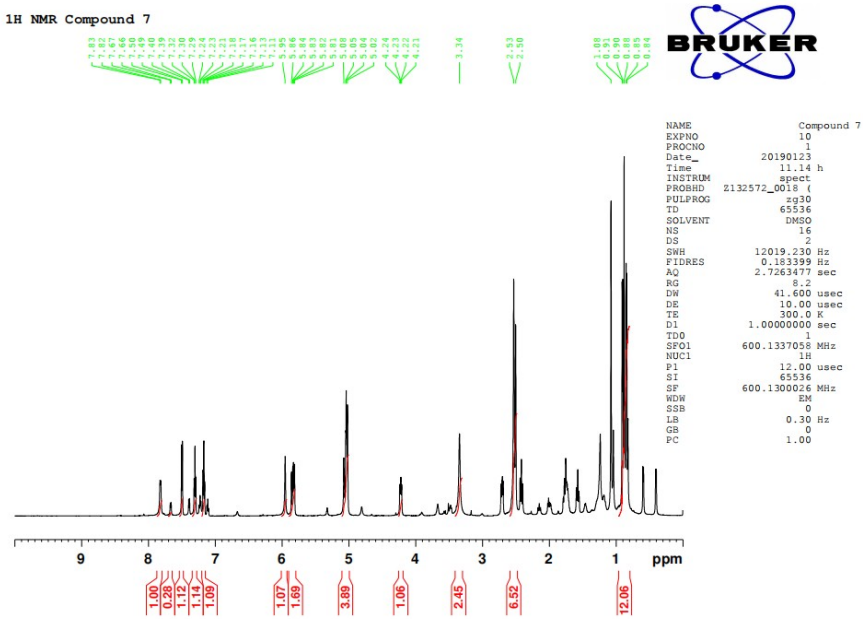


Figure S 8-2 The ^{13}C NMR (100 MHz, DMSO-d_6) spectrum of compound 7.

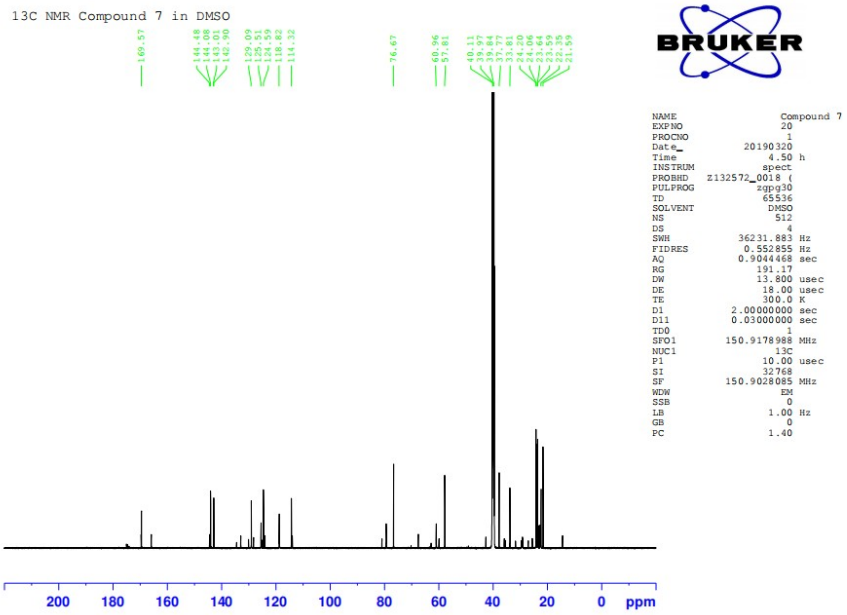


Figure S 9-1 The ^{1}H NMR (400 MHz, DMSO-d_6) spectrum of compound 8.

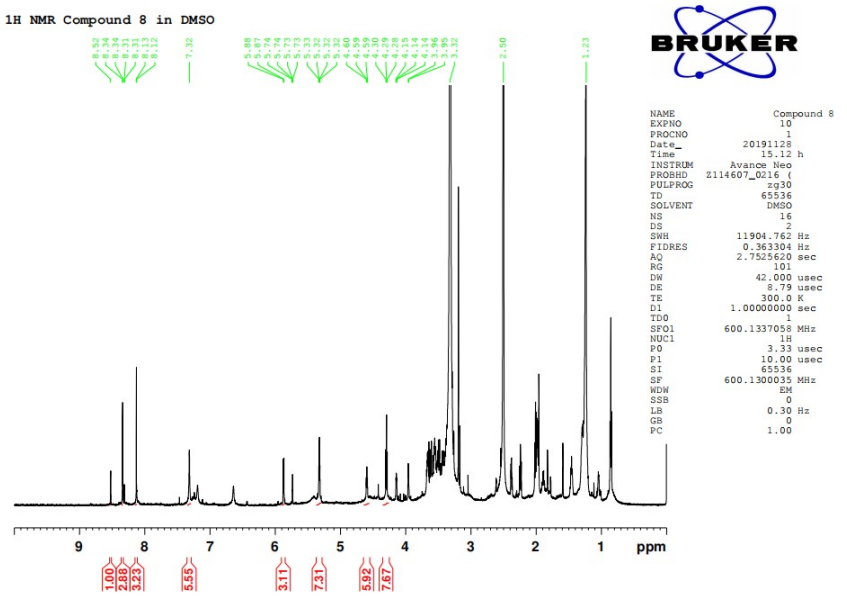


Figure S 9-2 The ^{13}C NMR (100 MHz, DMSO-d_6) spectrum of compound 8.

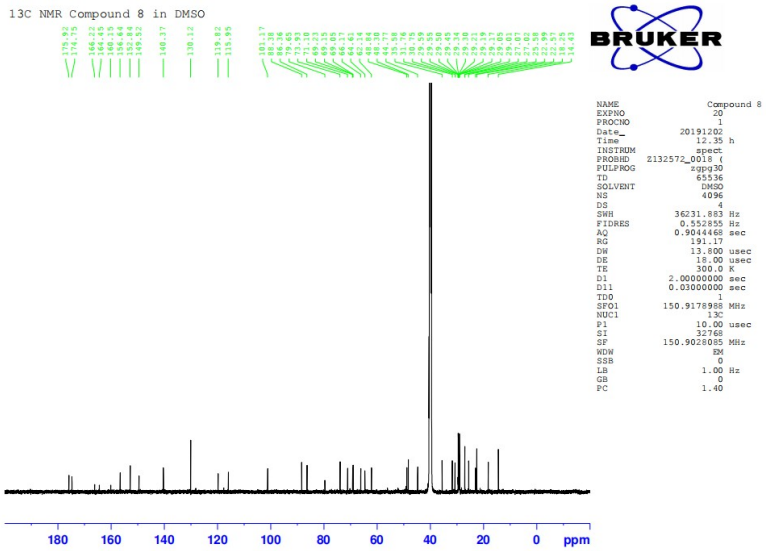


Figure S 10-1 The ^{1}H NMR (400 MHz, DMSO-d_6) spectrum of compound 9.

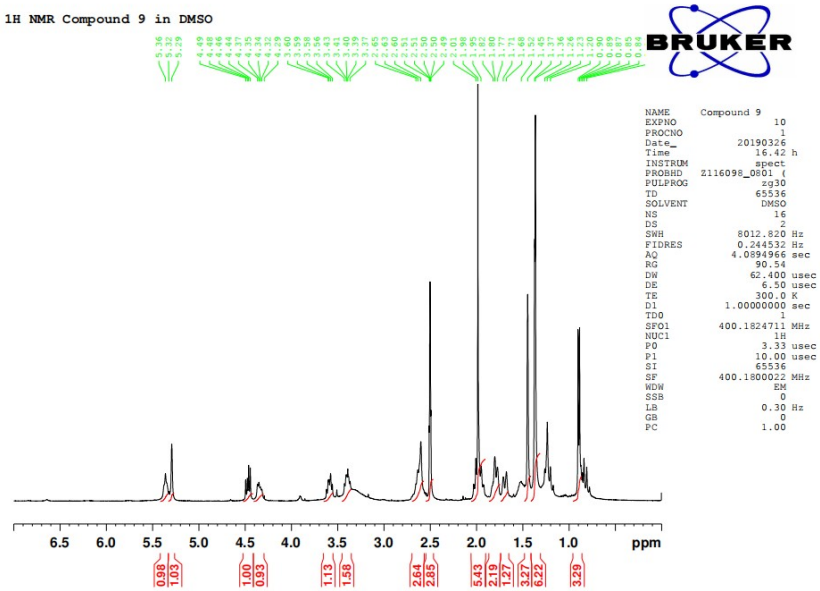


Figure S 10-2 The ^{13}C NMR (100 MHz, DMSO-d_6) spectrum of compound 9.

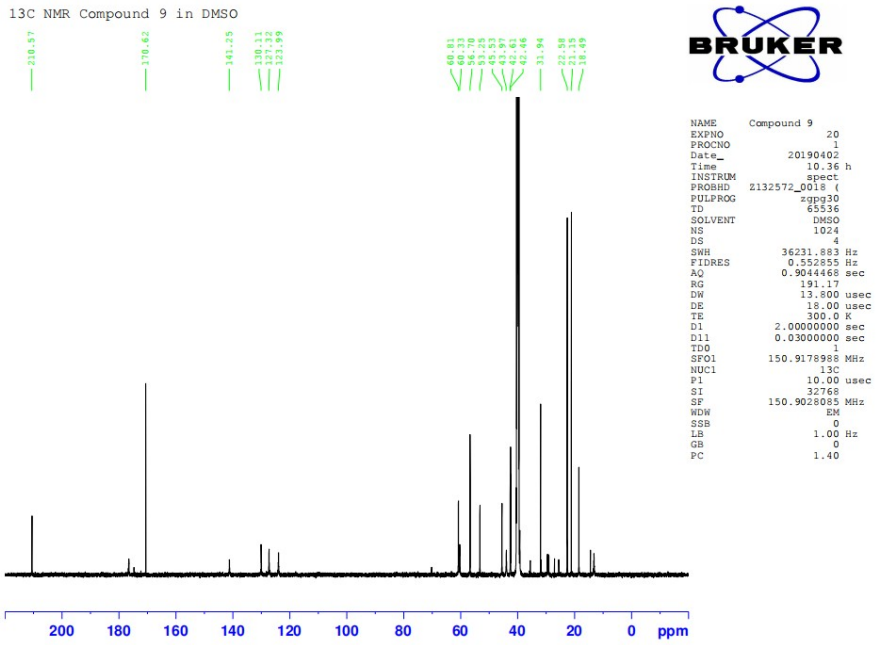


Figure S 11-1 (+)-HRESIMS of Compound 10.

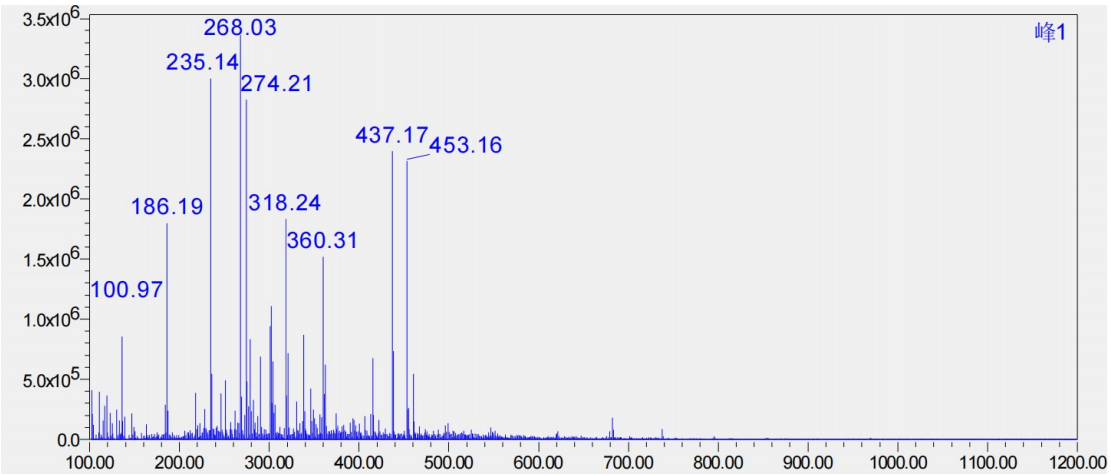


Figure S11-2 The ^{1}H NMR (400 MHz, DMSO-d_6) spectrum of compound 10.

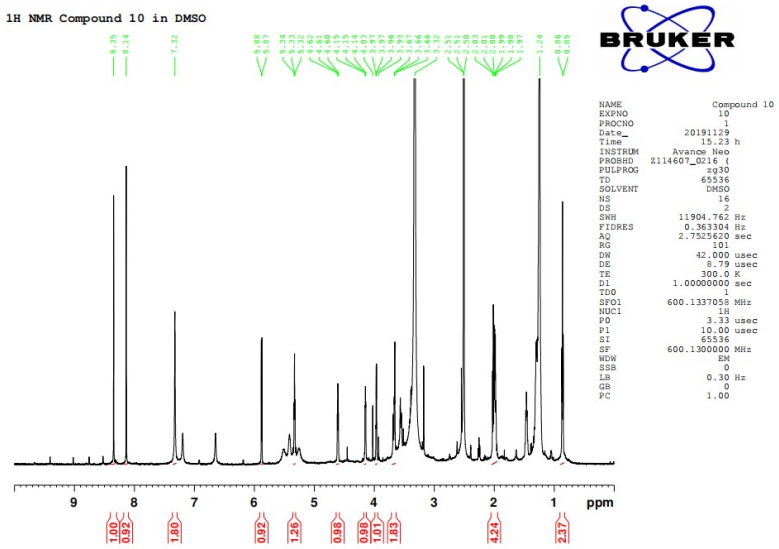
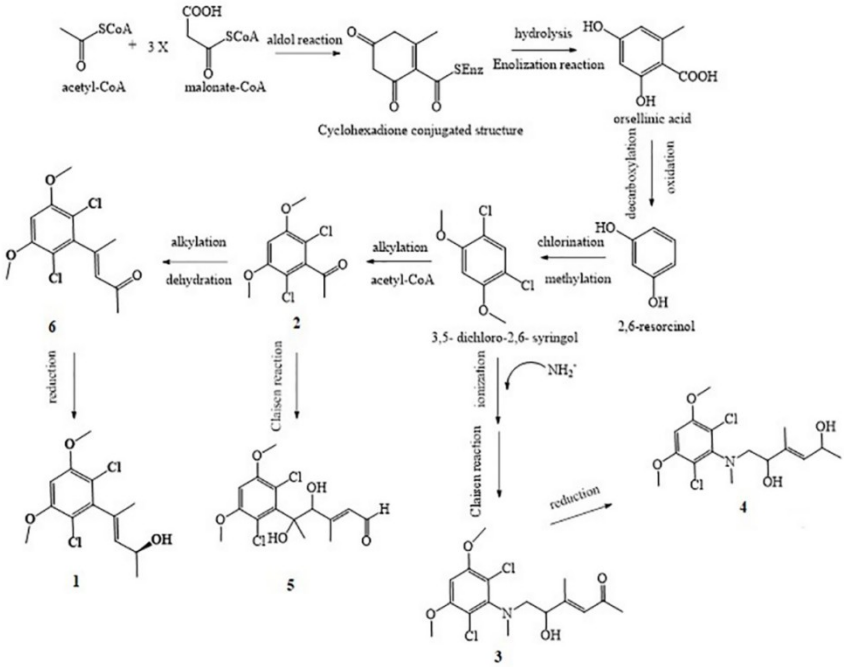



Figure S 12. The Hypothesis of biosynthetic pathway of compounds **1-6**