

Supporting Information

Penicichrysol A, an unprecedented polyketide produced by *Penicillium chrysogenum*

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Figure S1. ^1H NMR spectrum of compound **1** (Recorded in $\text{DMSO}-d_6$)

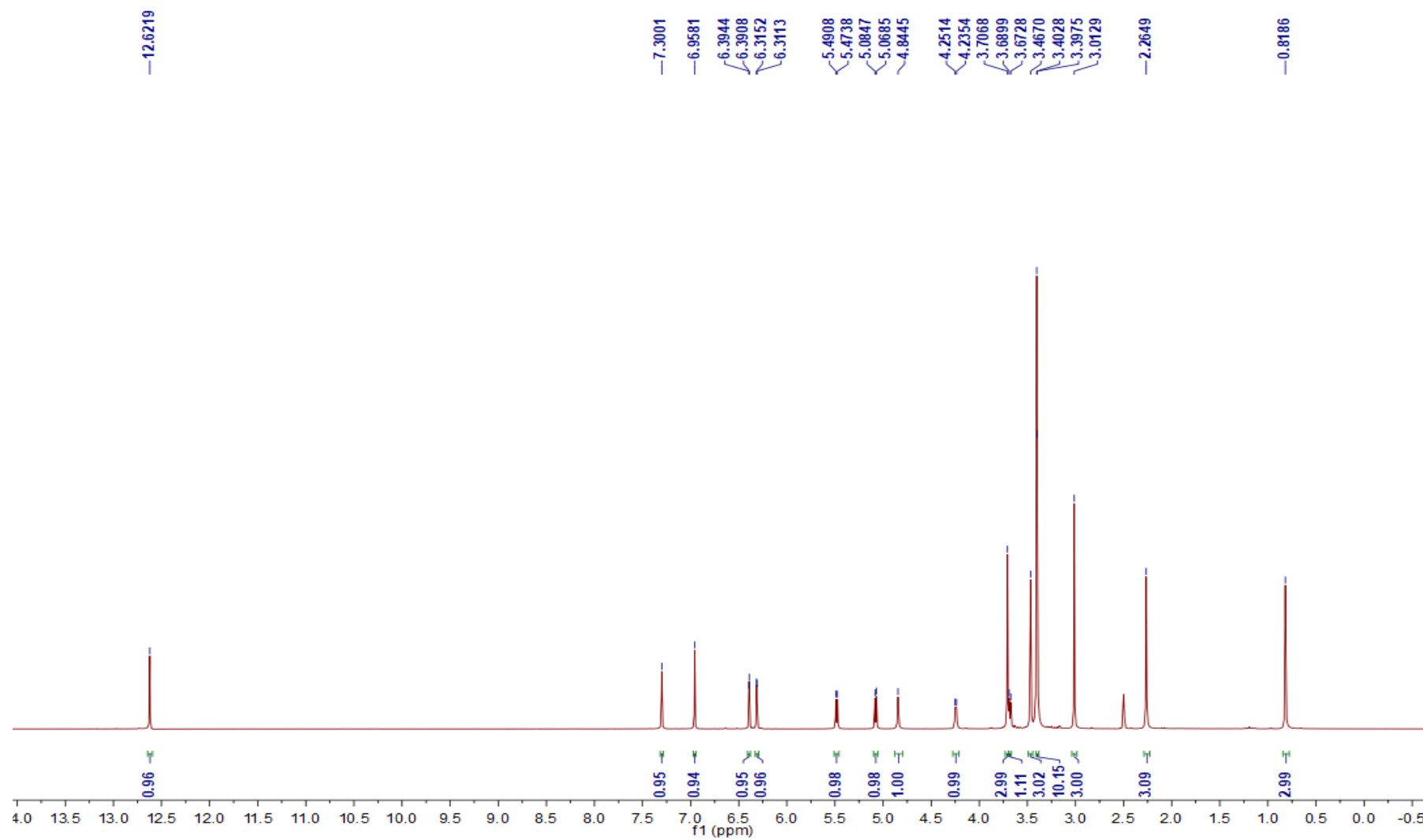


Figure S2. ^{13}C NMR and DEPT spectra of compound **1** (Recorded in $\text{DMSO-}d_6$)

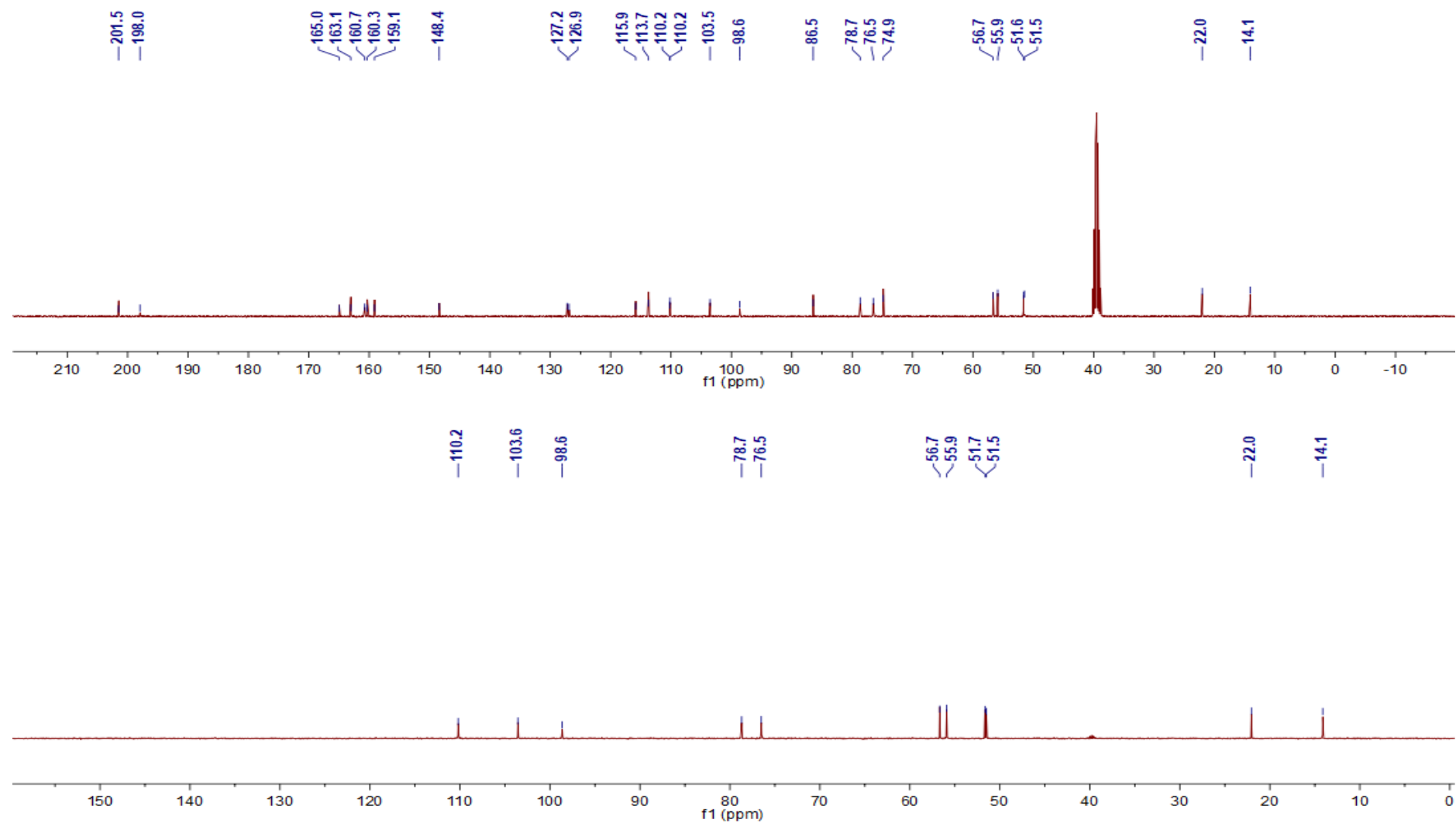


Figure S3. HSQC spectrum of compound **1** (Recorded in DMSO- d_6)

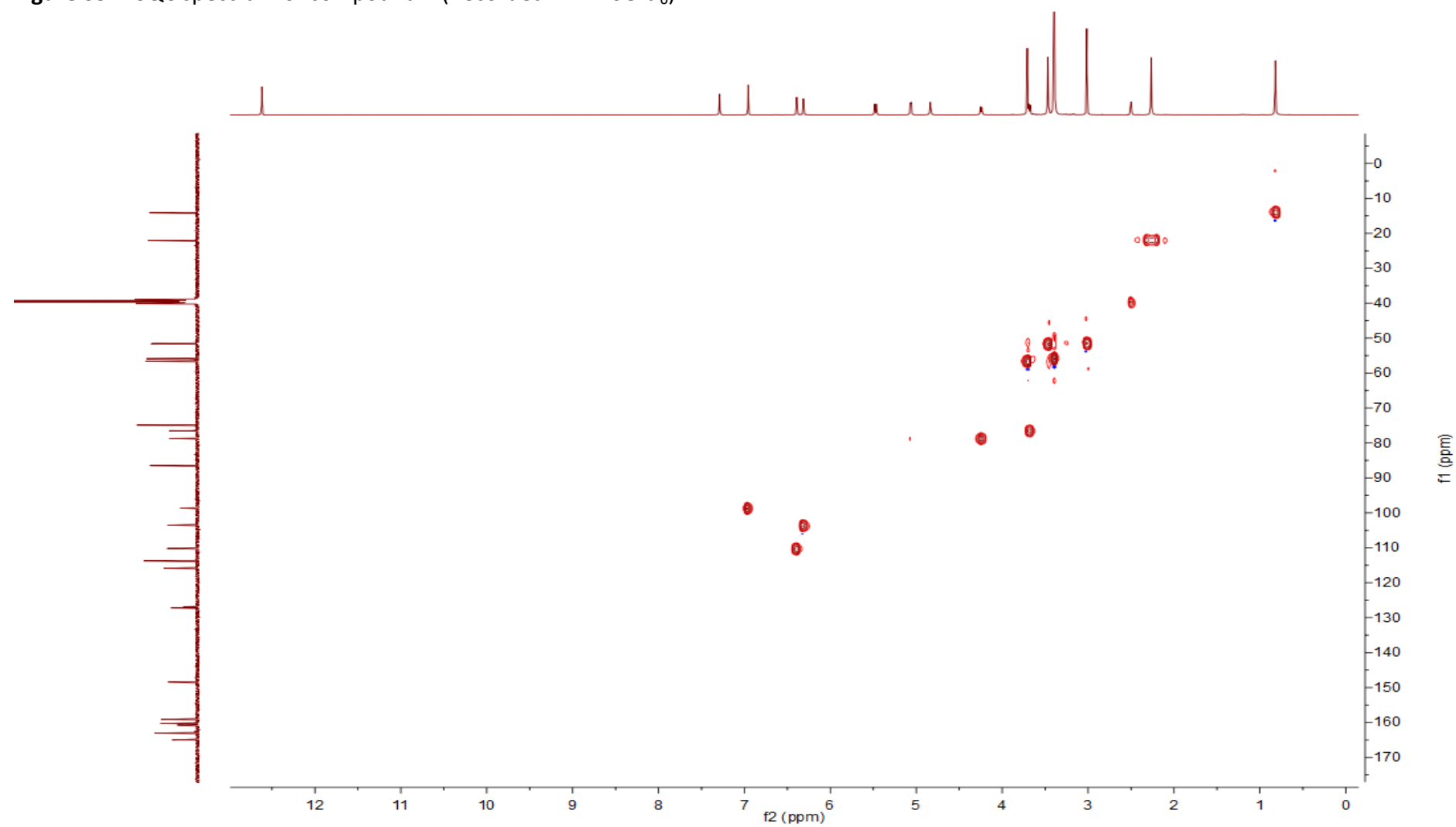


Figure S4. ^1H - ^1H COSY spectrum of compound **1** (Recorded in $\text{DMSO}-d_6$)

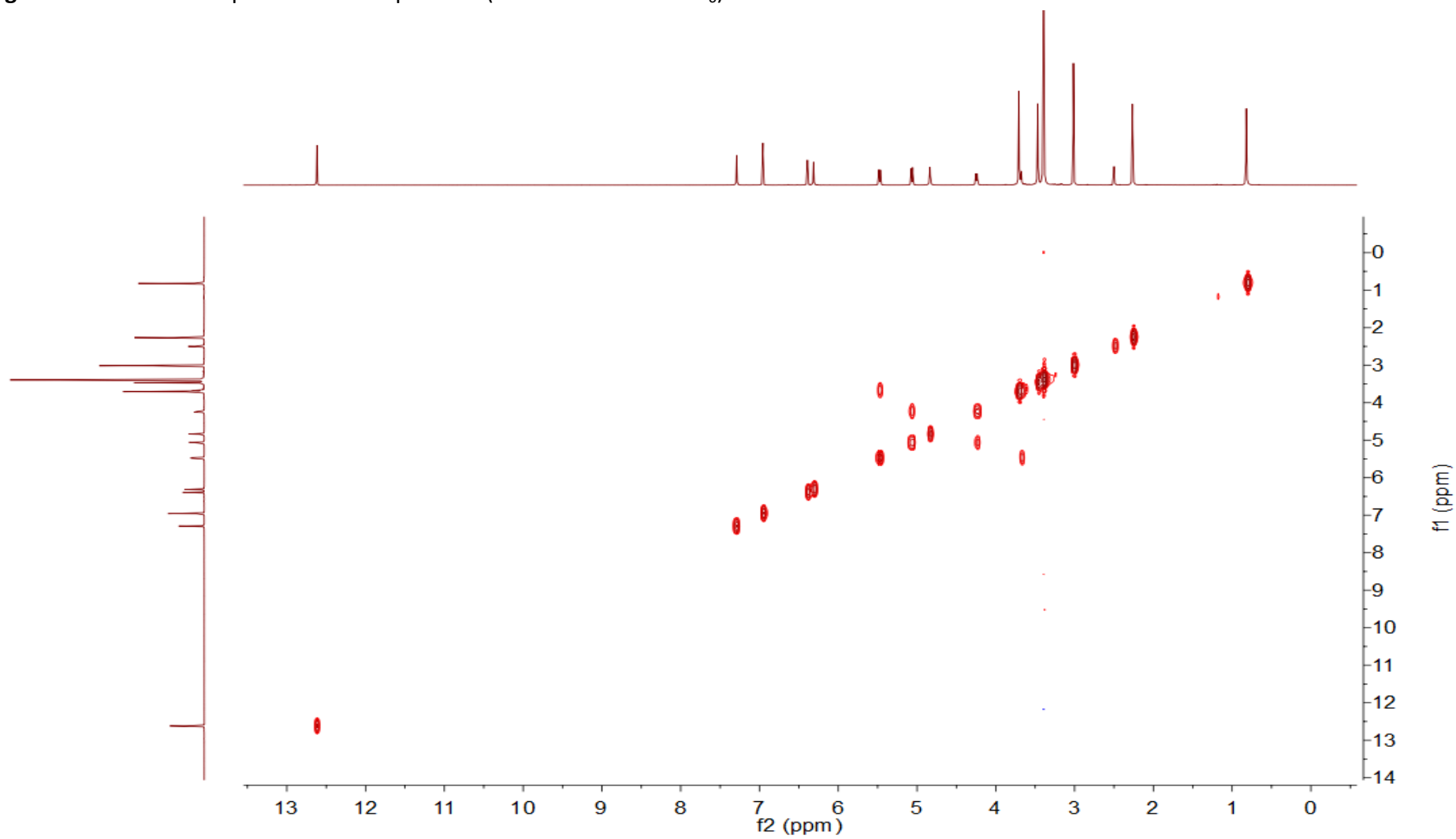


Figure S5. HMBC spectrum of compound **1** (Recorded in DMSO- d_6)

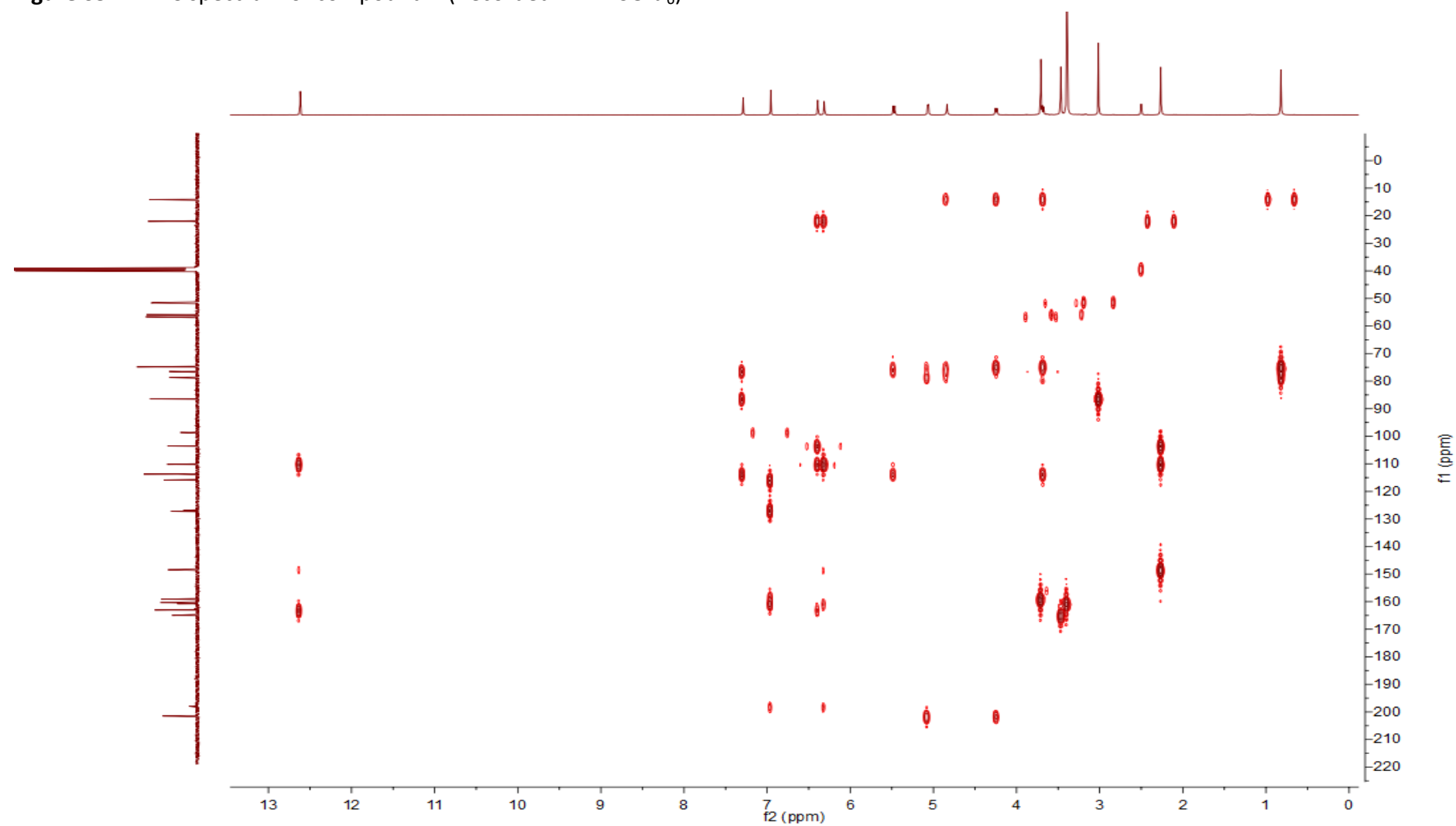


Figure S6. NOESY spectrum of compound **1** (Recorded in DMSO- d_6)

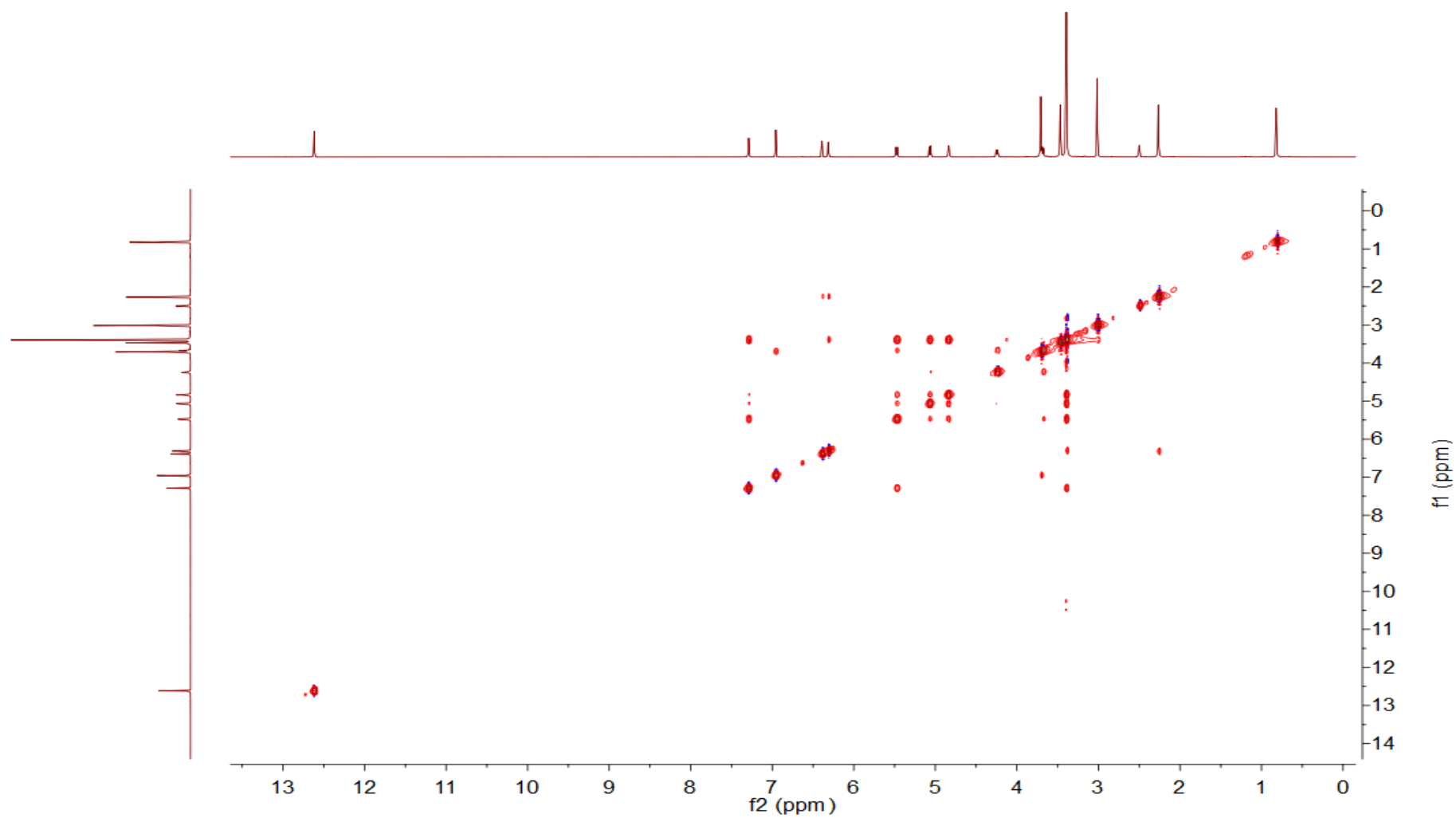


Figure S7. HRESIMS spectrum of compound **1**

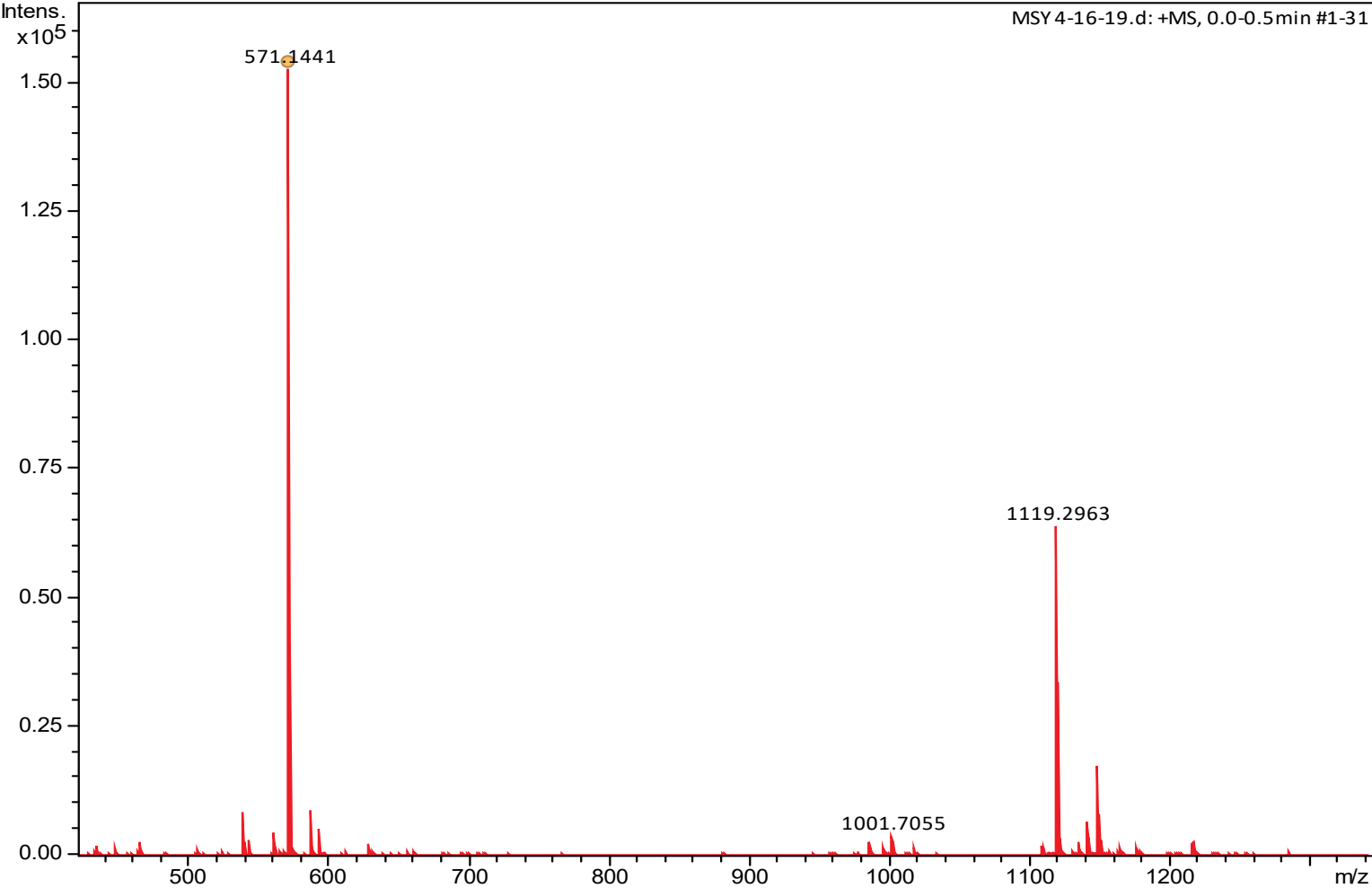


Figure S8. IR spectrum of compound **1**

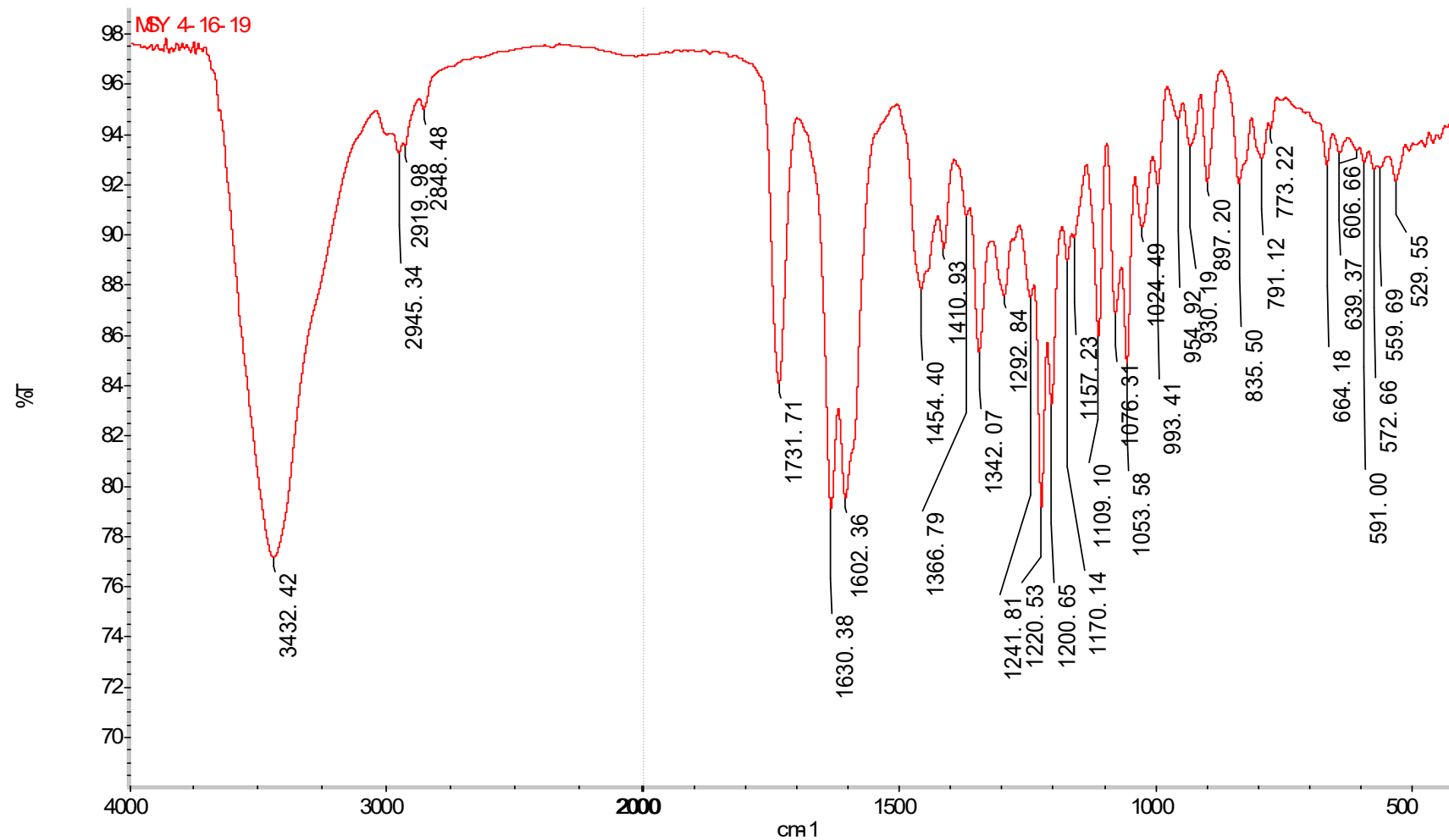


Figure S9. UV spectrum of compound **1**

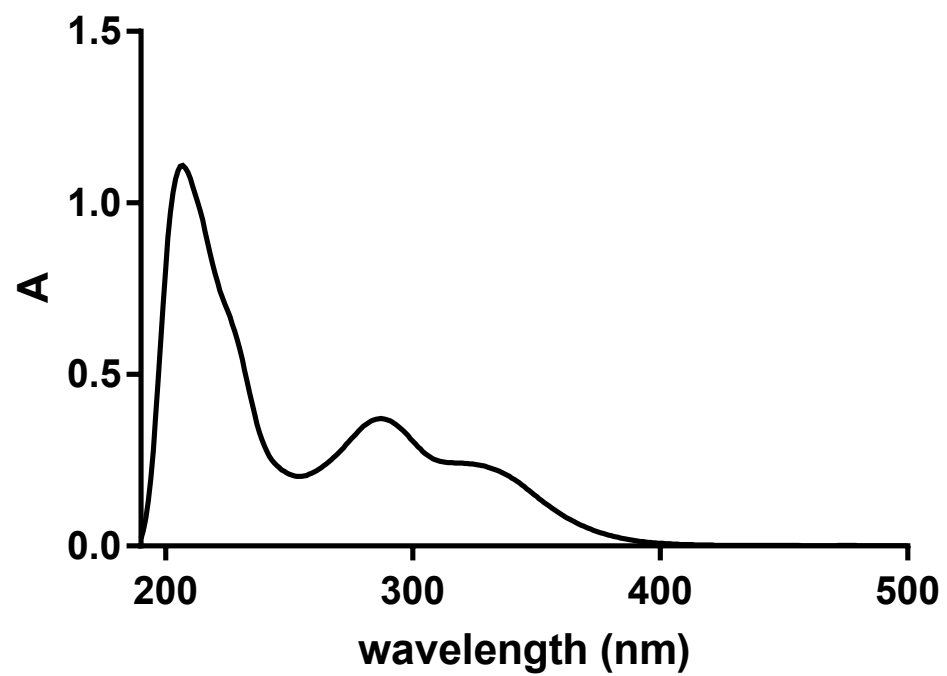


Figure S10. X-Ray crystallographic structure of compound **1**

