

Glochodpurnoid B from *Glochidion puberum* induces endoplasmic reticulum stress-mediated apoptosis in colorectal cancer cells

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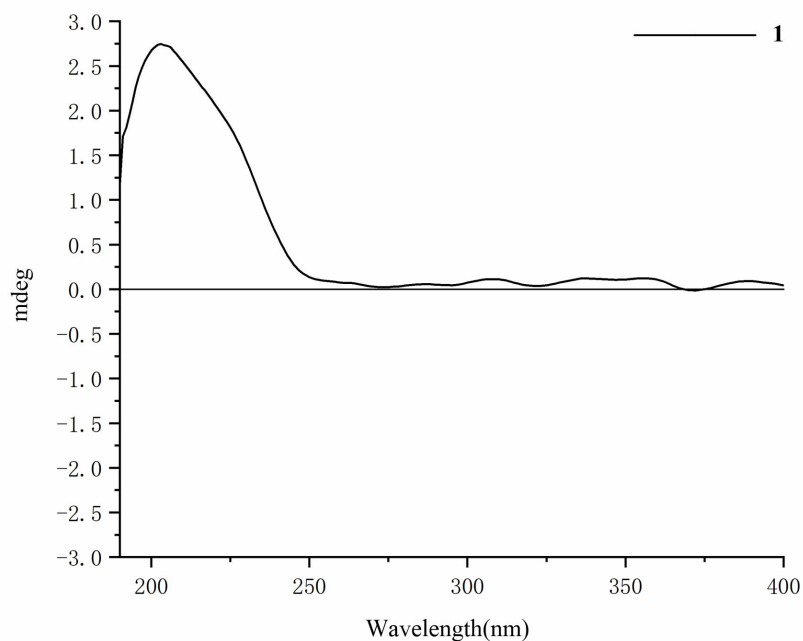
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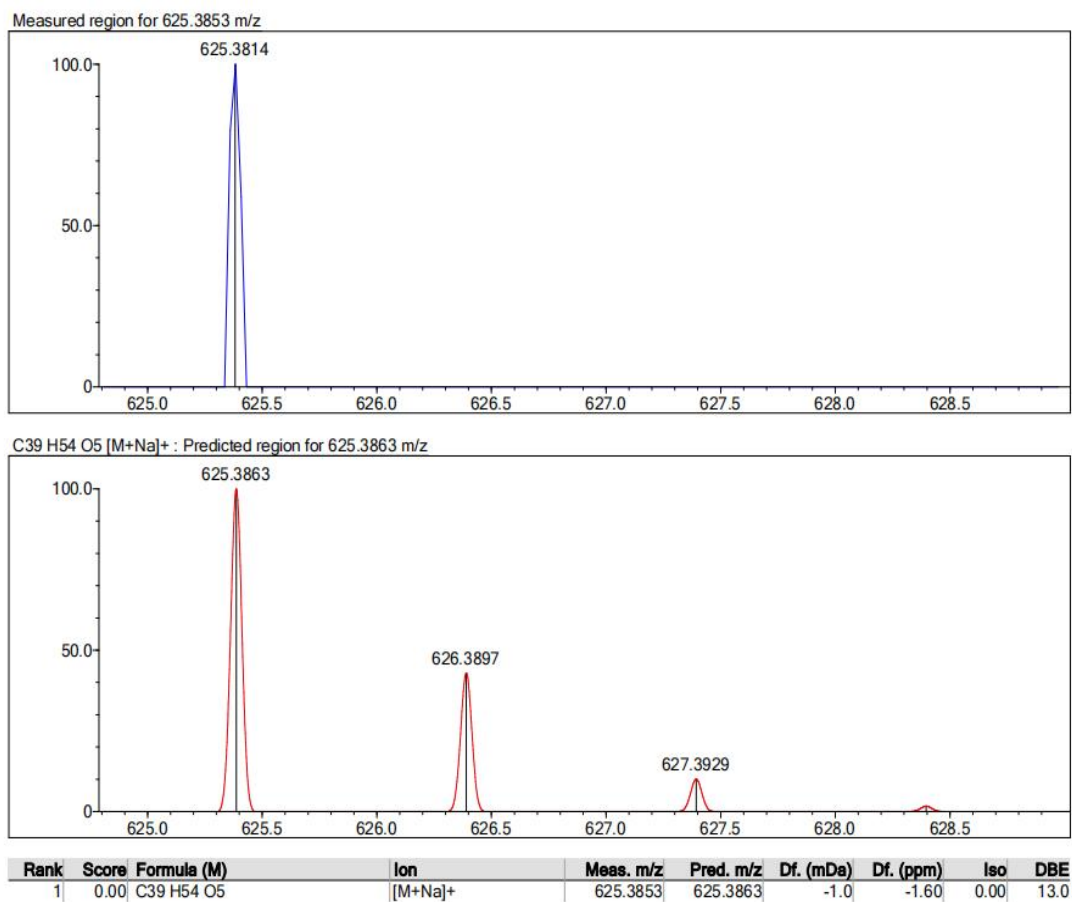
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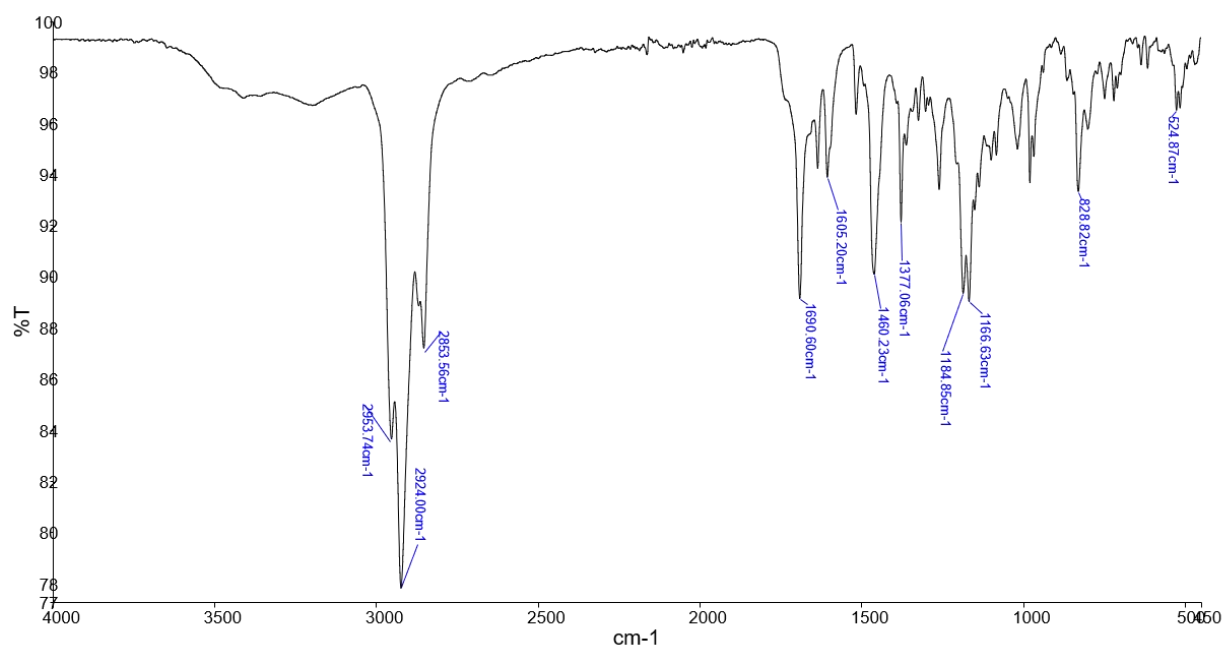
S1.1. CD data of compound 1



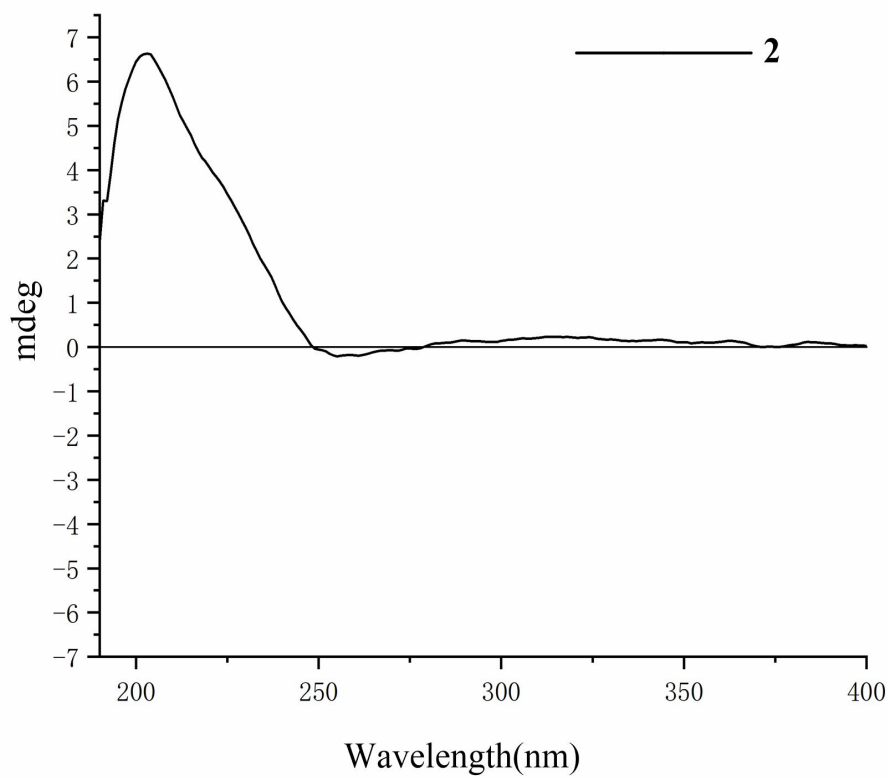
S1.2. HRESIMS data of compound 1



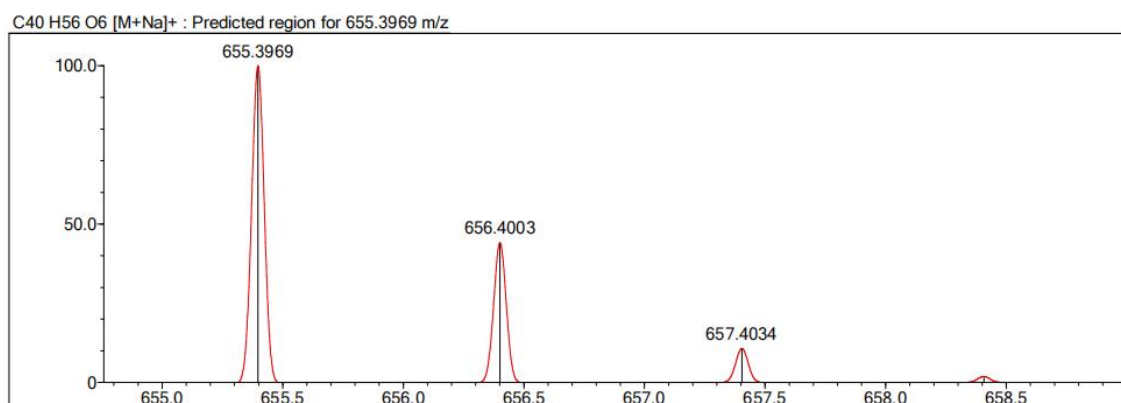
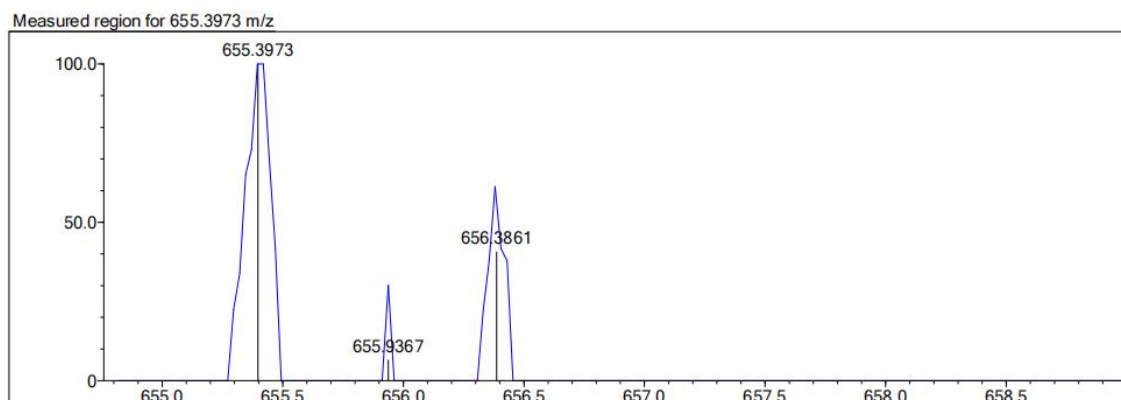
S1.3. IR data of compound 1



S1.4. CD data of compound 2

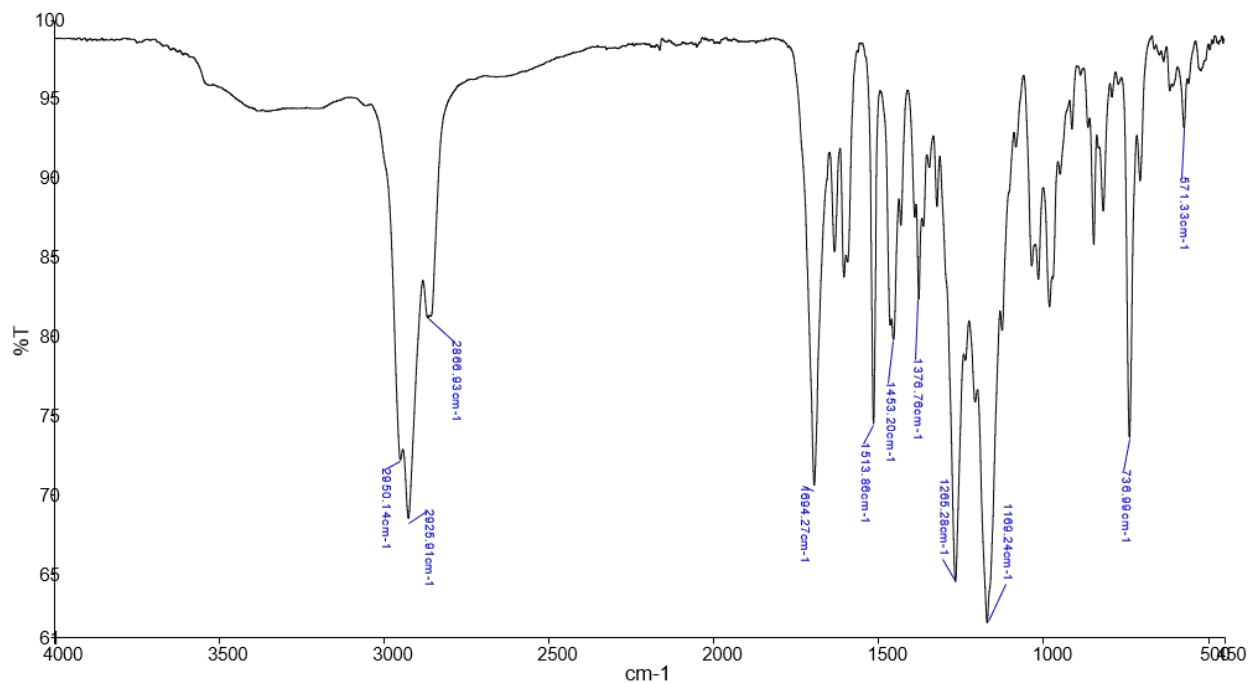


S1.5. HRESIMS data of compound 2

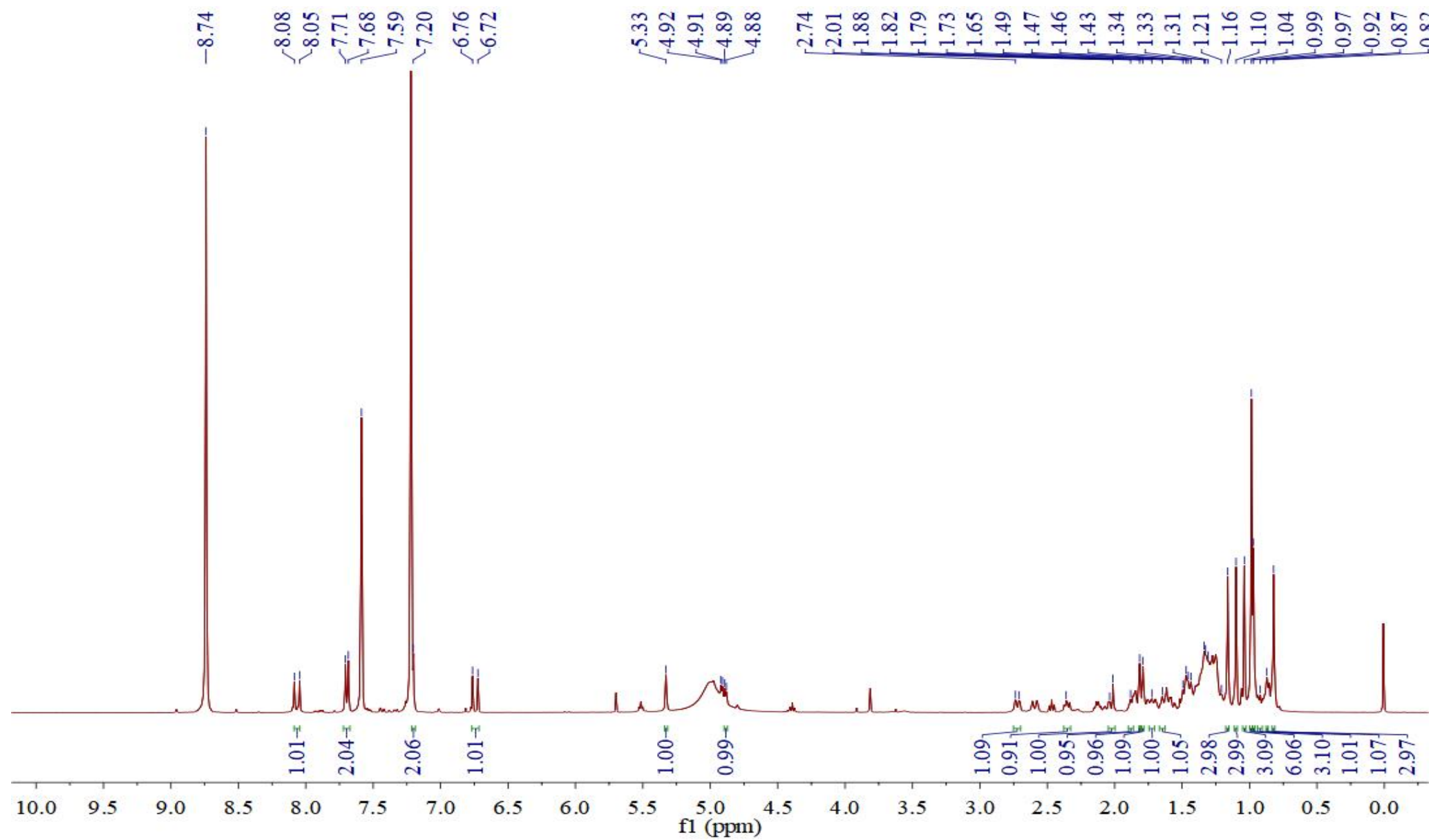


Rank	Score	Formula (M)	Ion	Meas. m/z	Pred. m/z	Df. (mDa)	Df. (ppm)	Iso	DBE
1	0.00	C40 H56 O6	[M+Na] ⁺	655.3973	655.3969	0.4	0.61	0.00	13.0

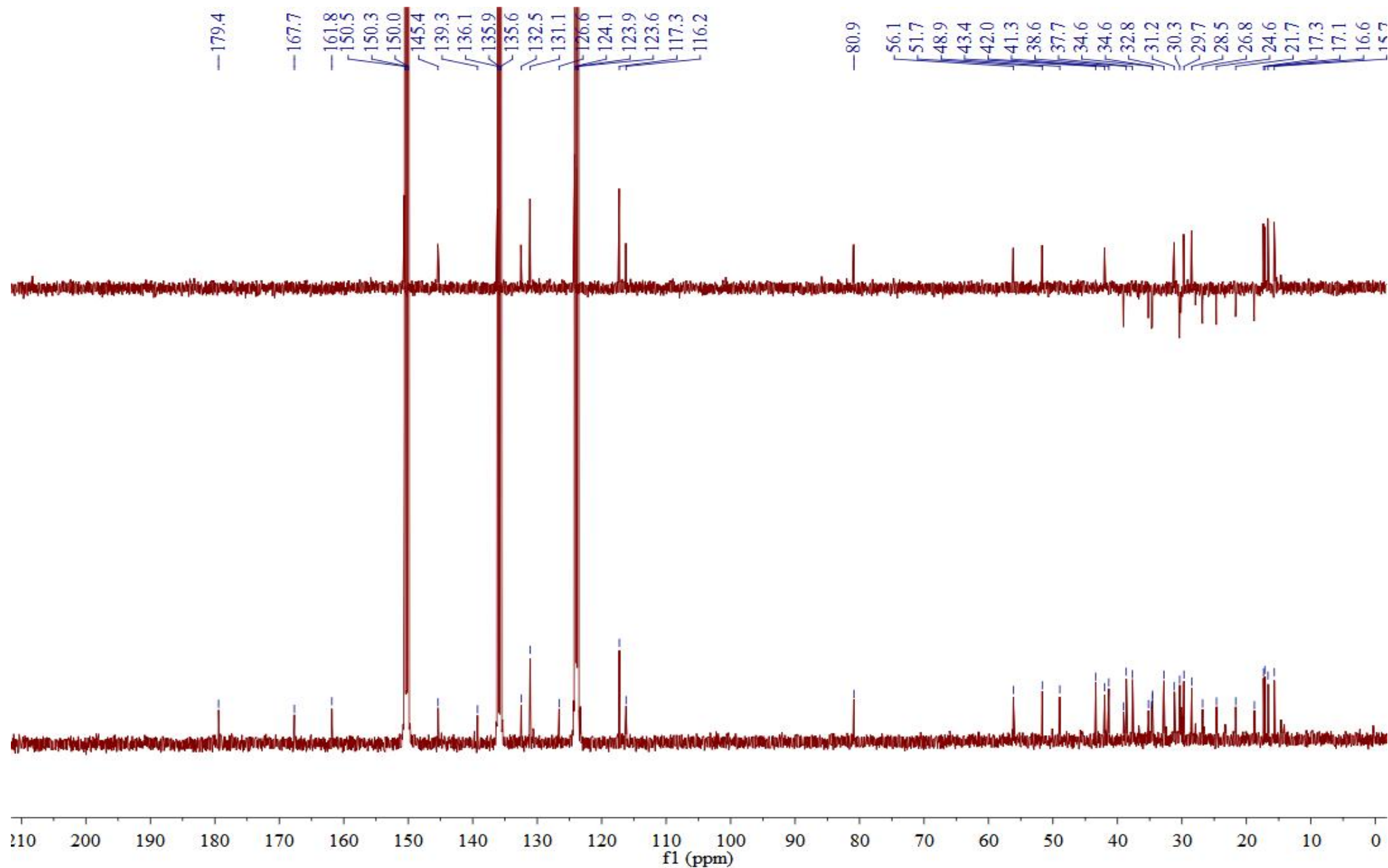
S1.6. IR data of compound 2



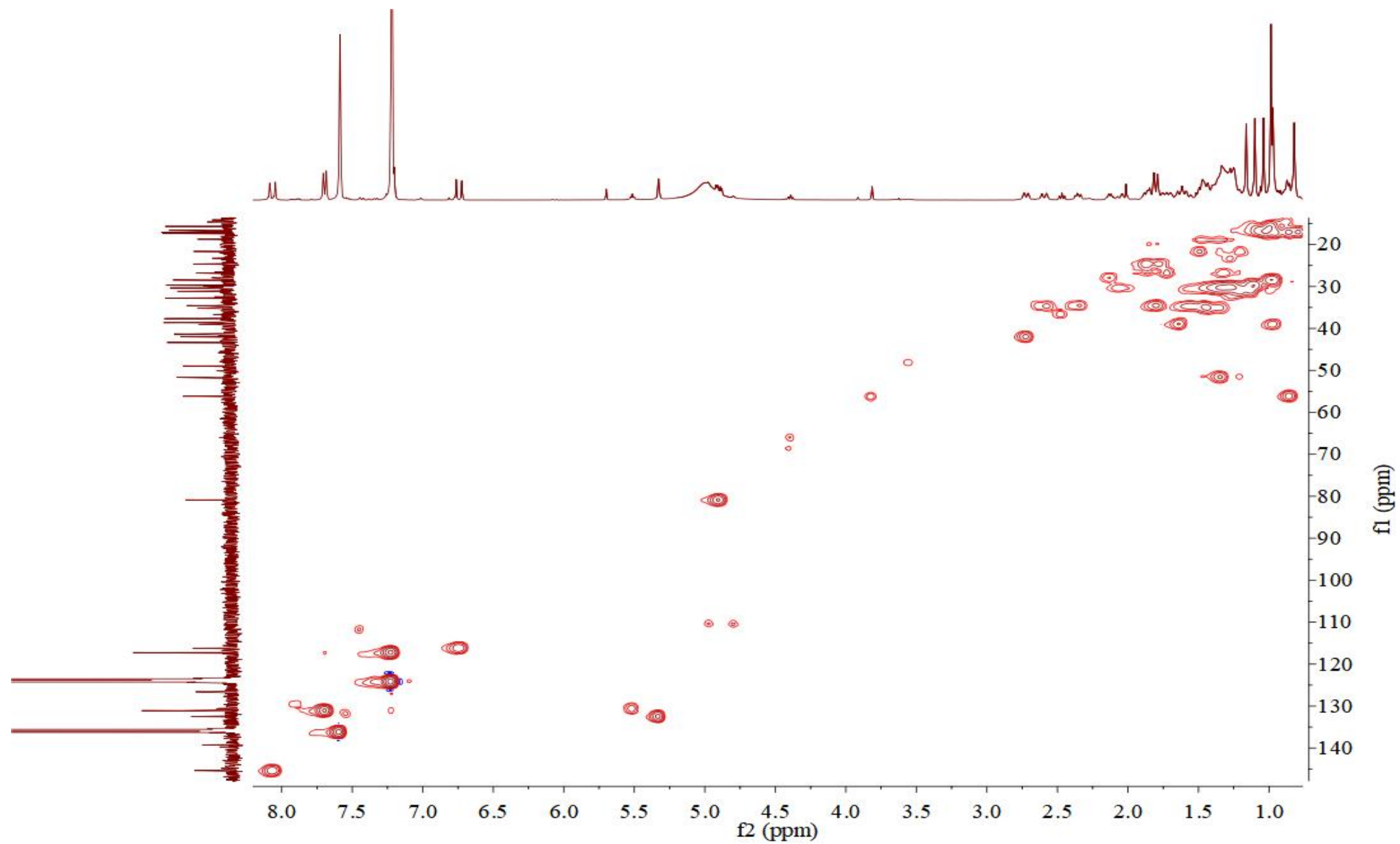
S2.1. ^1H NMR spectrum of compound 1



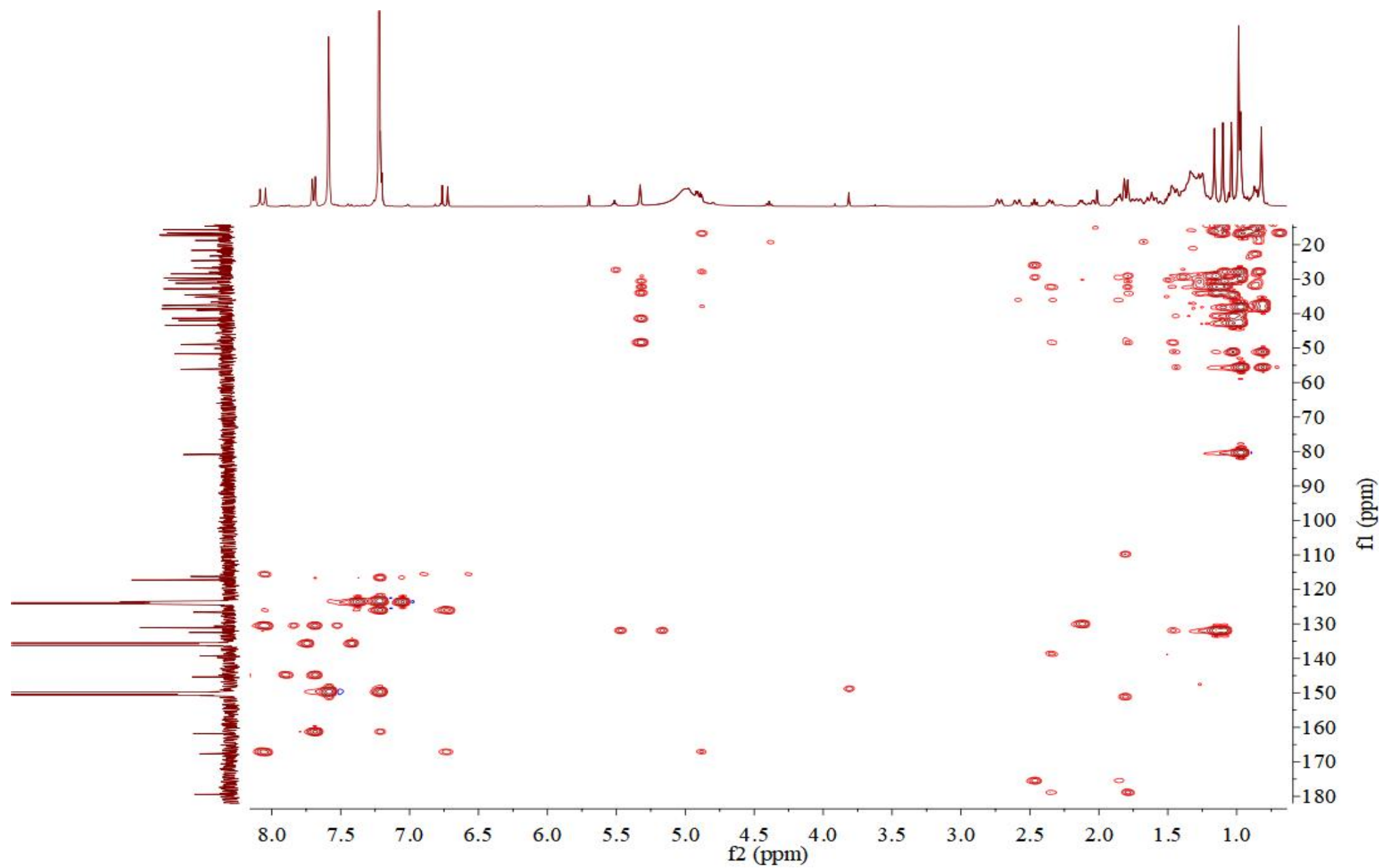
S2.2. ^{13}C and DEPT 135 NMR spectrum of compound 1



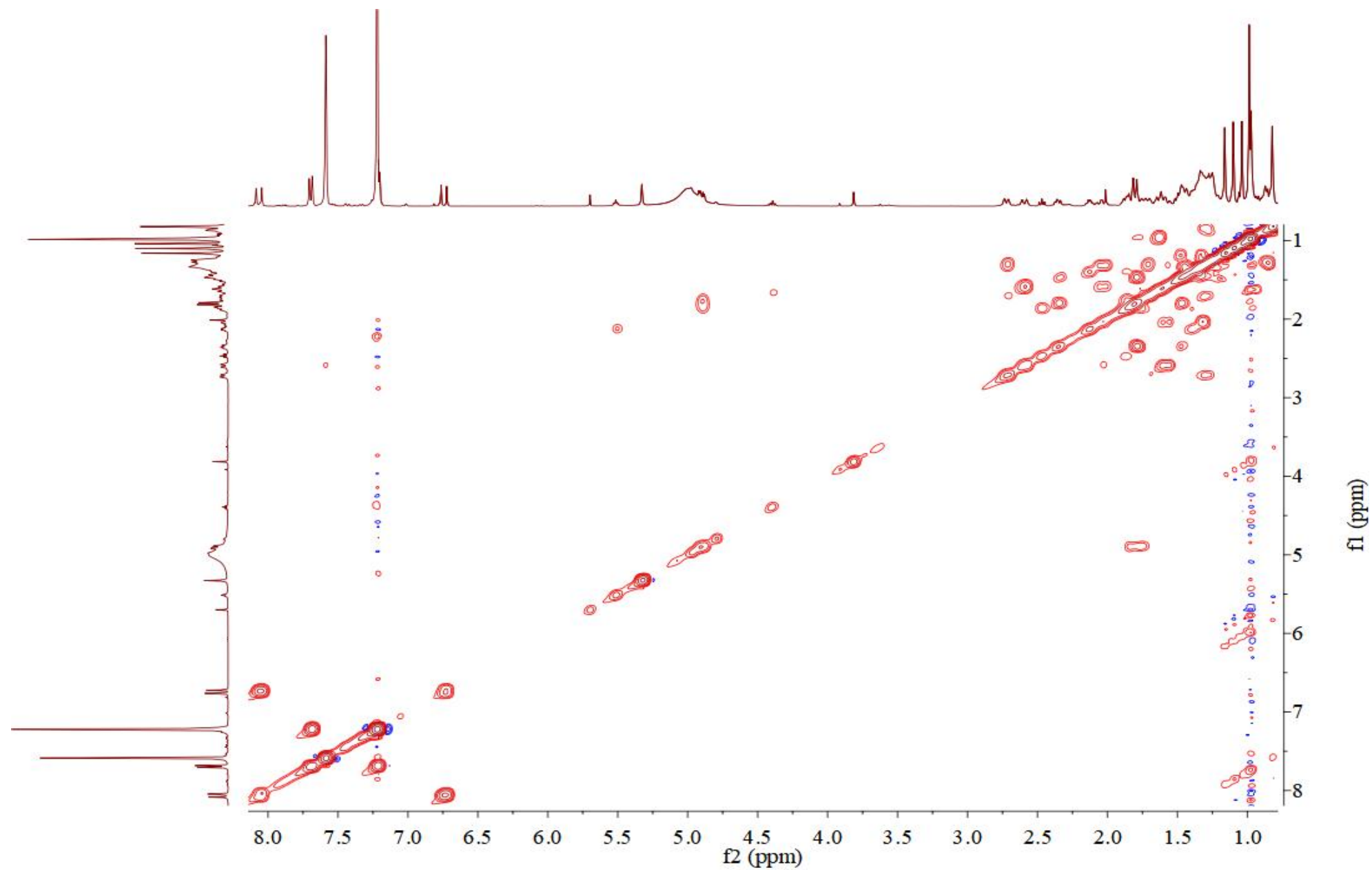
S2.3. HSQC spectrum of compound 1



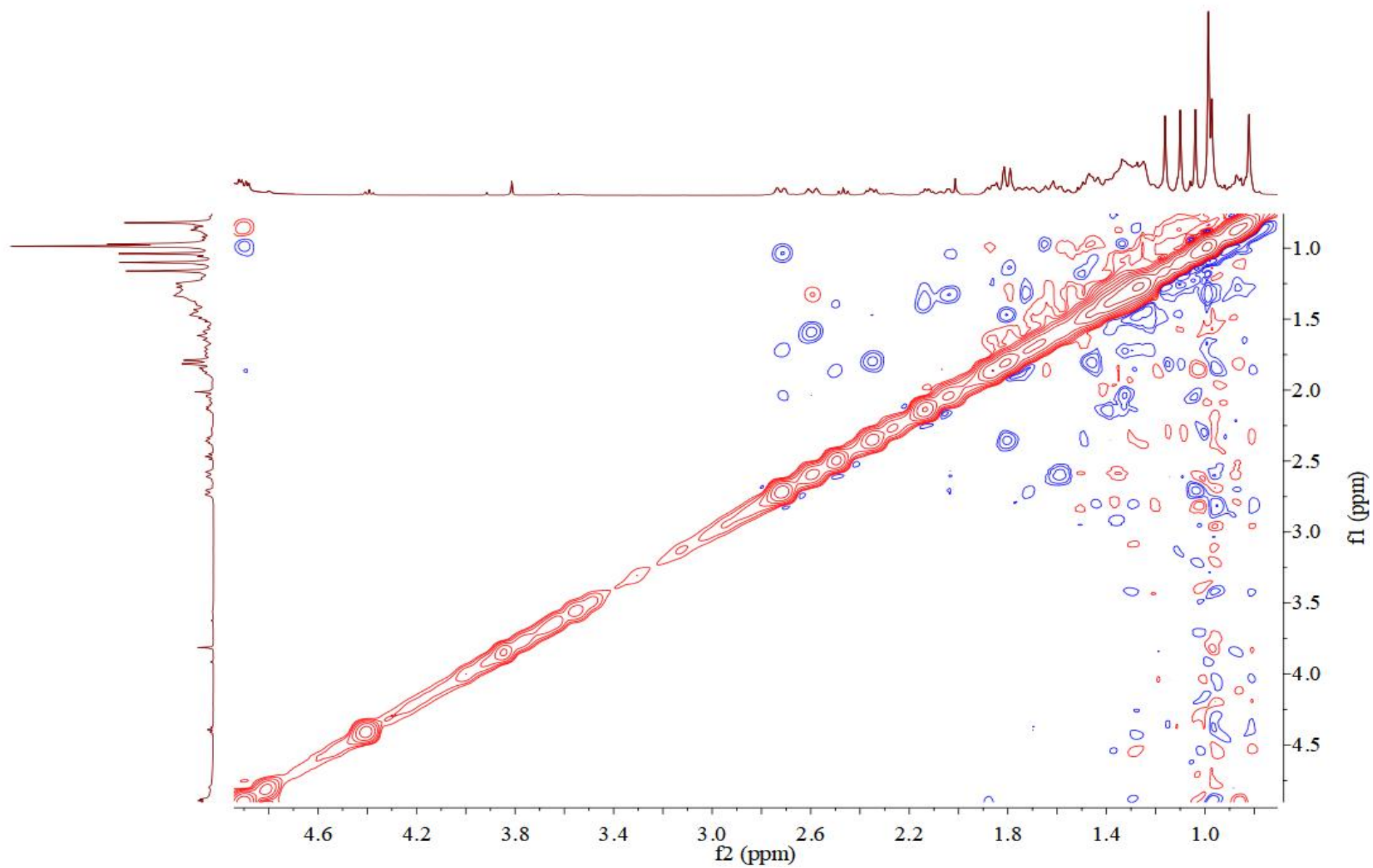
S2.4. HMBC spectrum of compound 1



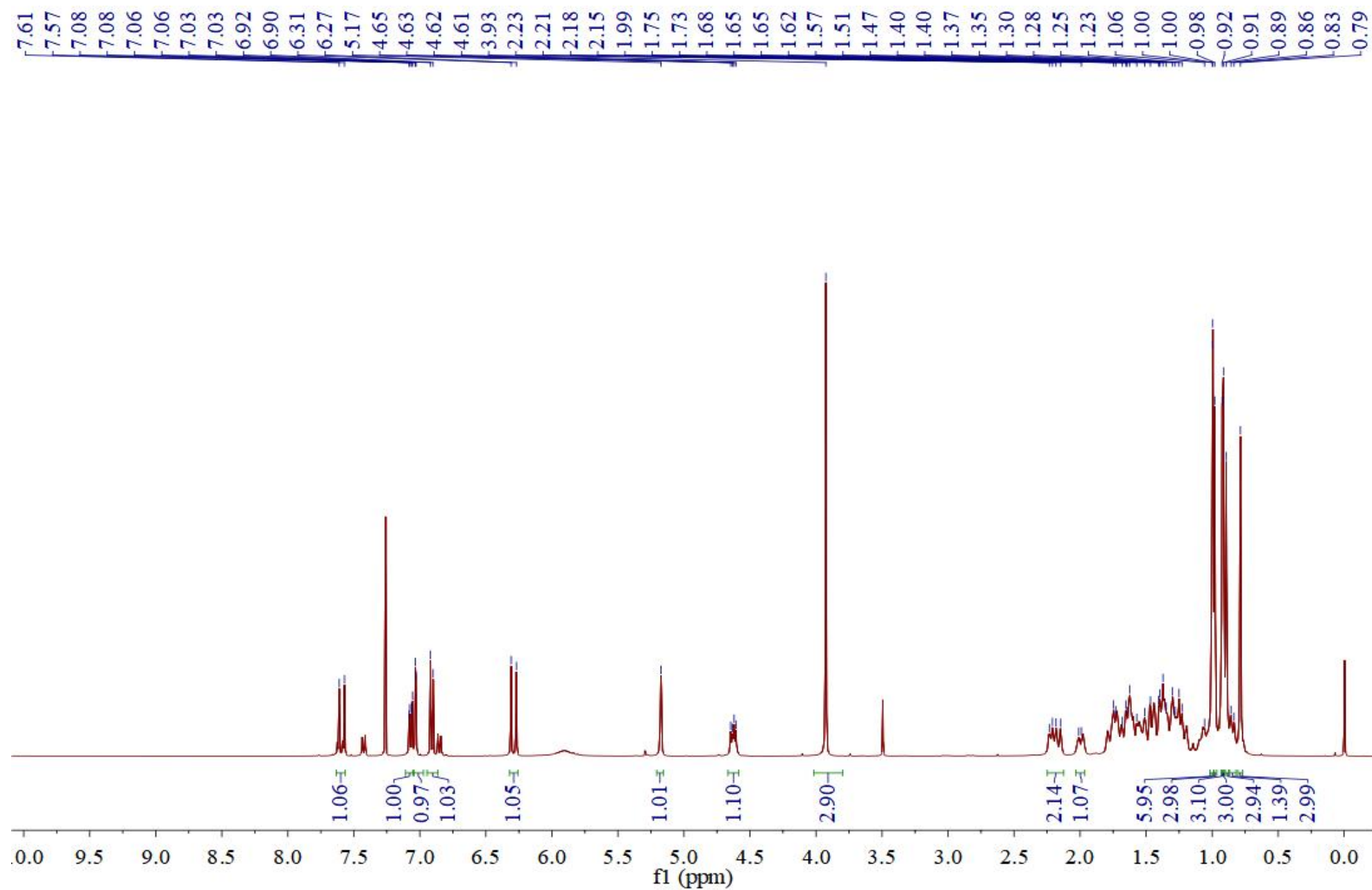
S2.5. ^1H - ^1H COSY spectrum of compound 1



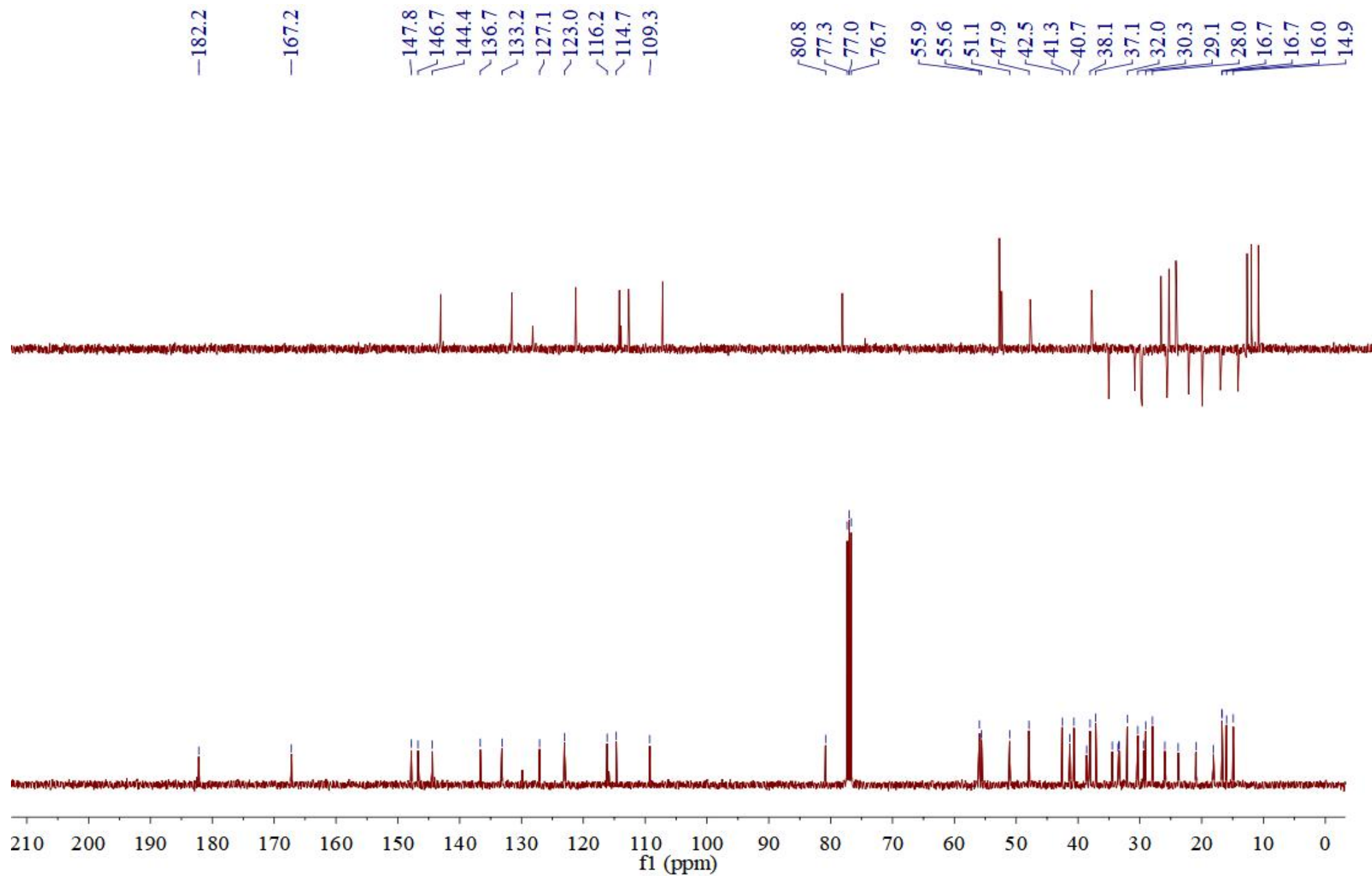
S2.6. NOESY spectrum of compound 1



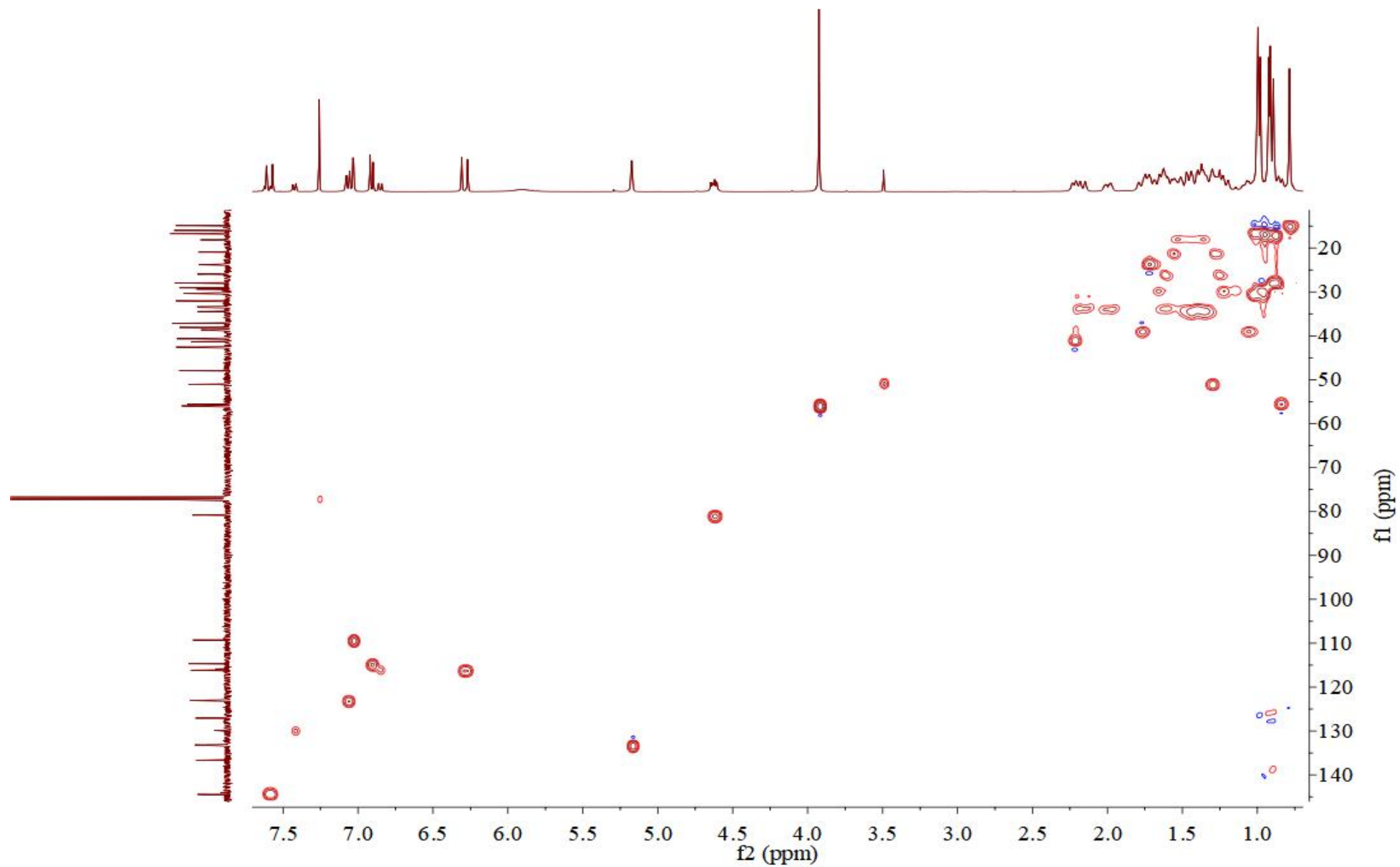
S2.7. ^1H NMR spectrum of compound 2



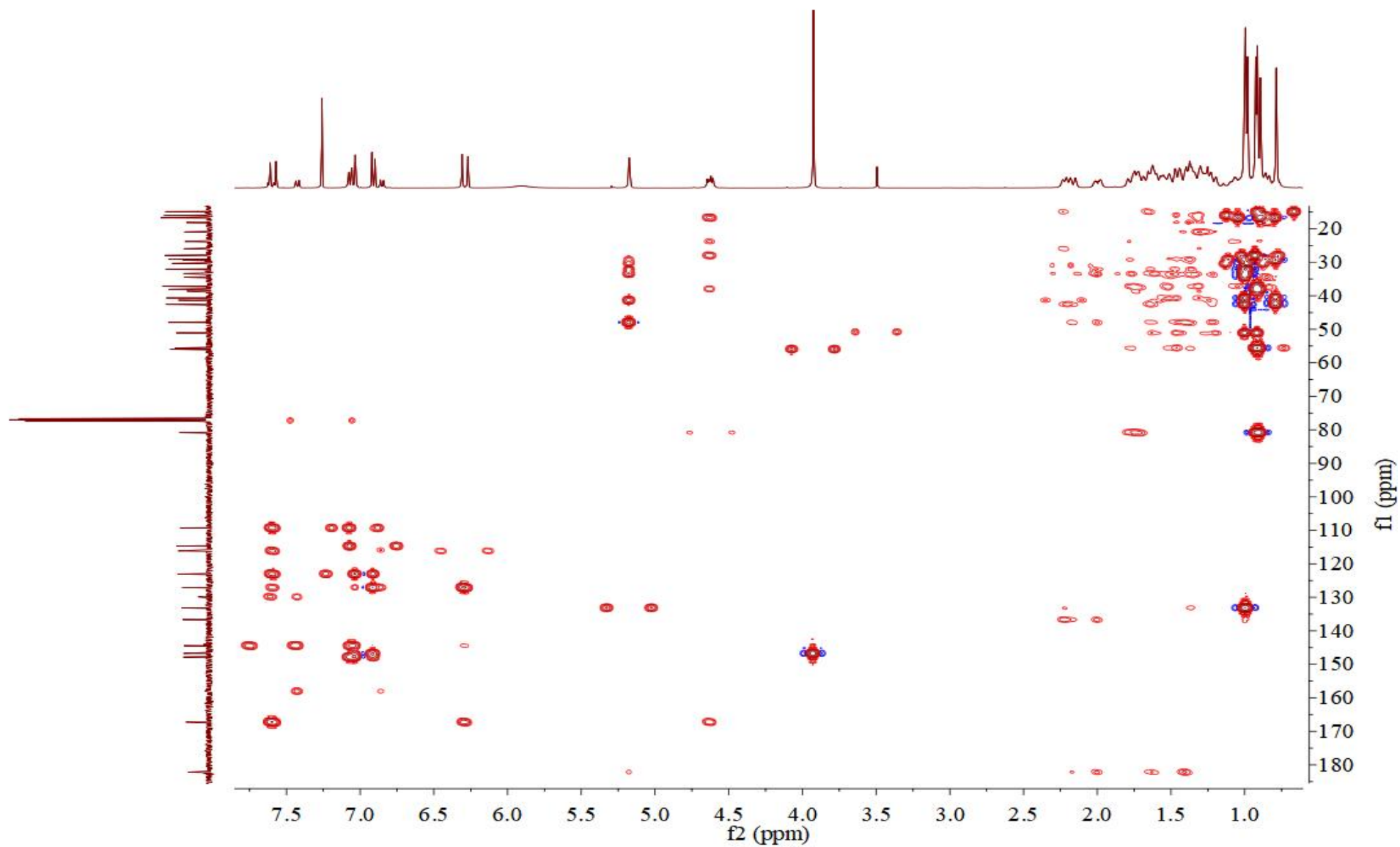
S2.8. ^{13}C and DEPT 135 NMR spectrum of compound **2**



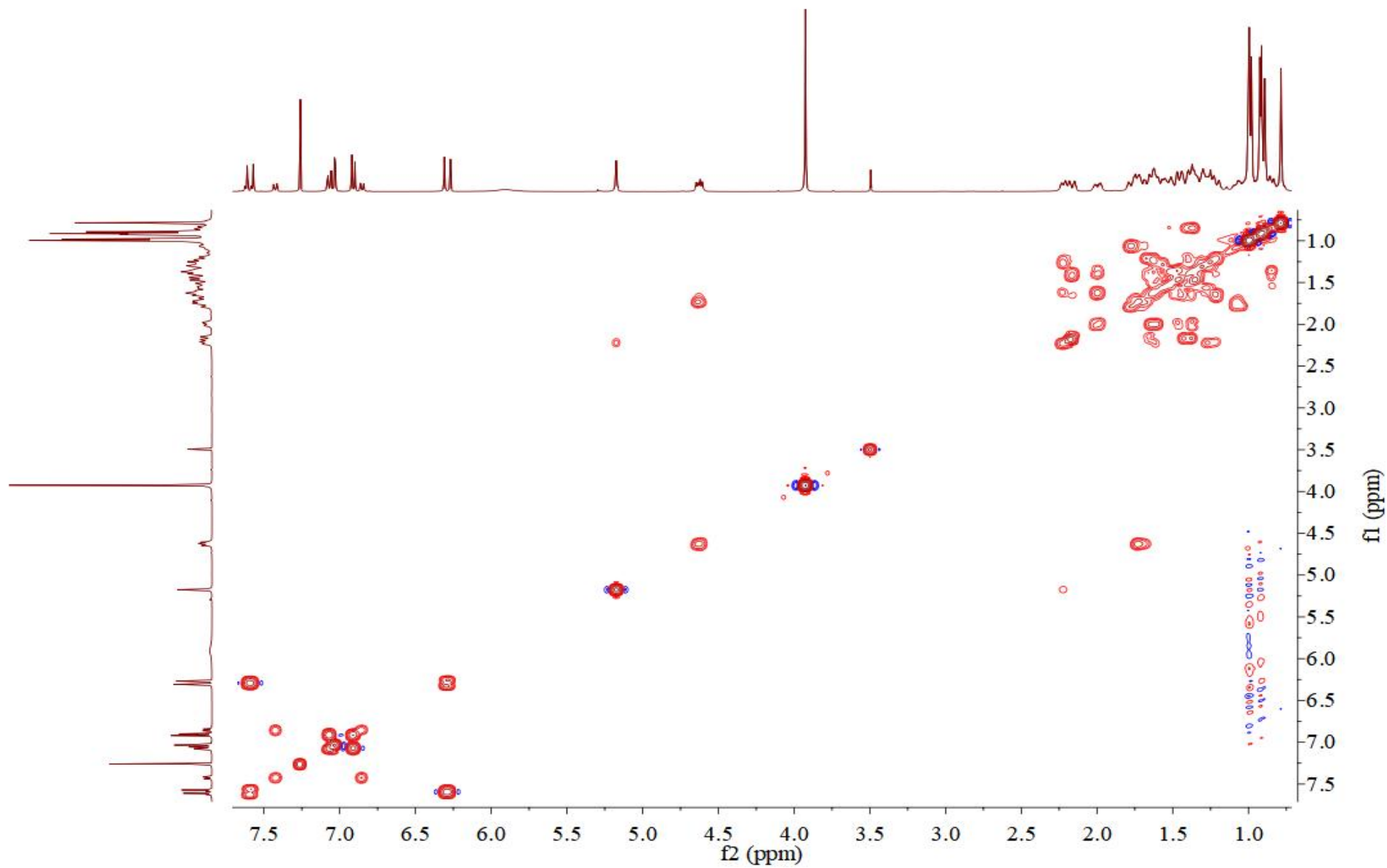
S2.9. HSQC spectrum of compound 2



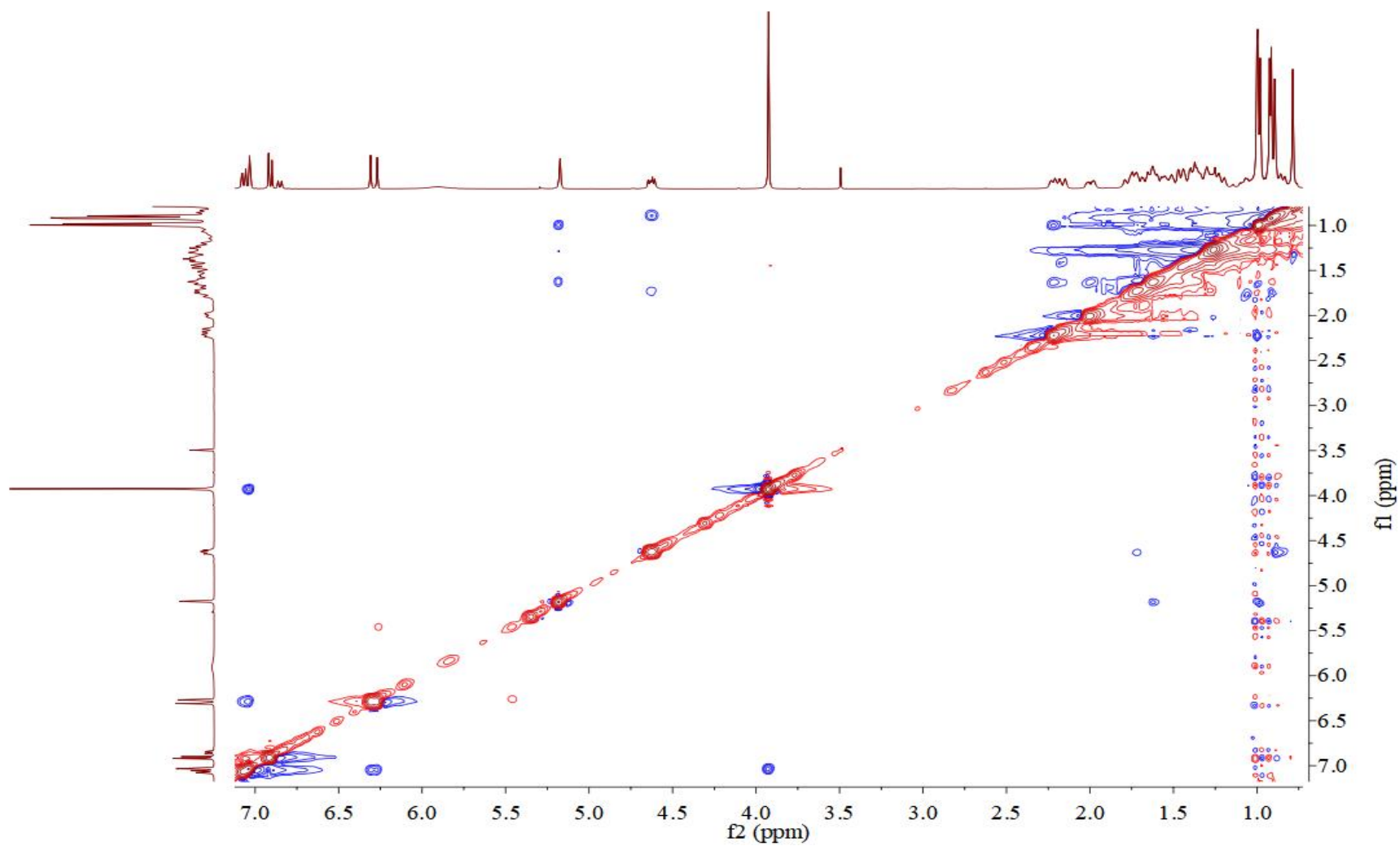
S2.10. HMBC spectrum of compound 2



S2.11. ^1H - ^1H COSY spectrum of compound **2**



S2.12. NOESY spectrum of compound **2**



S3. Details of chemical procedures and instruments

Optical rotations were measured using a PekinElmer 341 polarimeter. HRESIMS were carried out on a Finnigan LCQ Deca instrument. ECD and UV spectra were recorded by an Applied Photophysics Chirascan spectrometer. IR spectra were measured on a Bruker Tensor 37 infrared spectrophotometer with KBr disks. X-ray data were determined by an Agilent Xcalibur Nova X-ray diffractometer. NMR data were determined by a Bruker AM-400 spectrometer at 25 °C. HPLC was used by a Shimadzu LC-20 AT equipped with an SPD-M20A PDA detector, and a YMC-pack ODS-A column ($250 \times 10 \text{ mm}^2$, S-5 μm , 12 nm) was used for semi-preparative HPLC separation. Silica gel (300–400 mesh, Qingdao Haiyang Chemical Co., Ltd.), reversed-phase C₁₈ (Rp-C₁₈) silica gel (12 nm, S-50 μm , YMC Co., Ltd.), and Sephadex LH-20 gel (Amersham Biosciences) were used for column chromatography (CC). All solvents were of analytical grade (Guangzhou Chemical Reagents Company, Ltd.).