

# Supplementary Materials

Figure S1.  $^1\text{H-NMR}$  spectrum of compound **1** at 600 MHz in  $\text{DMSO-}d_6$ .

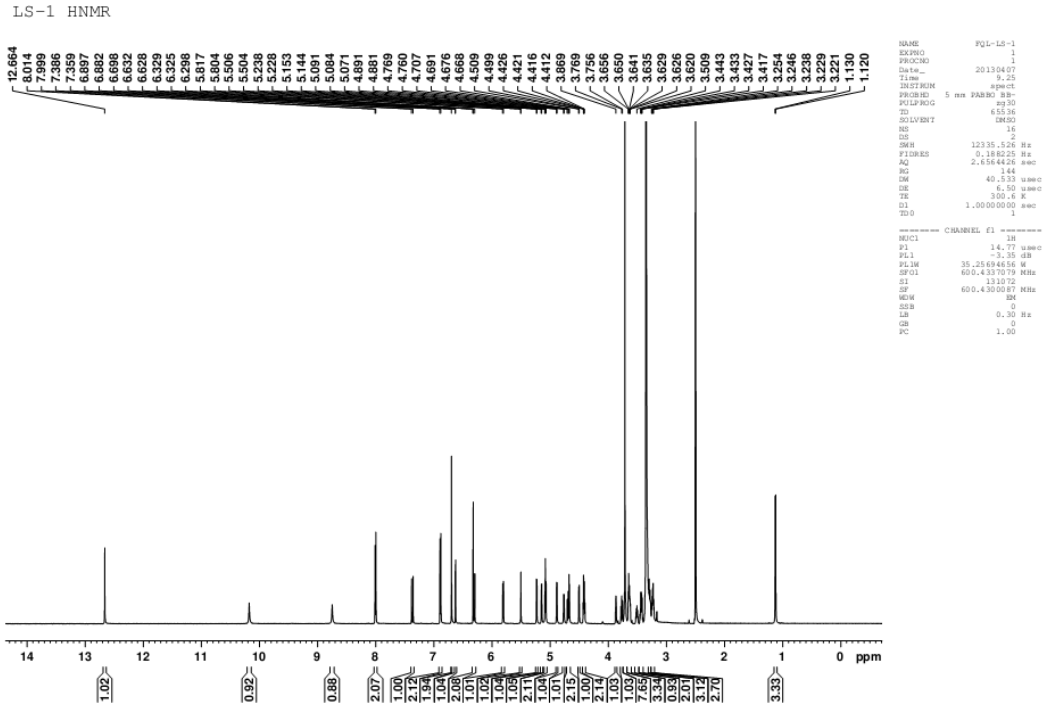


Figure S2.  $^{13}\text{C-APT}$  spectrum of compound **1** at 150 MHz in  $\text{DMSO-}d_6$ .

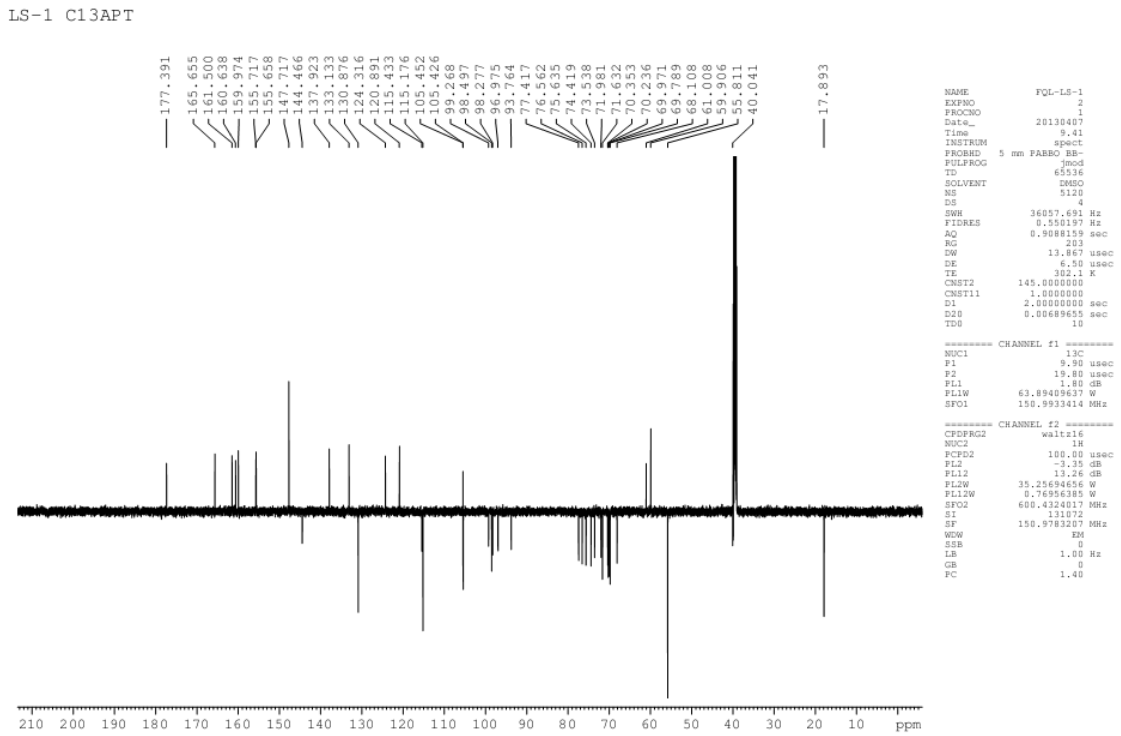


Figure S3. HSQC spectrum of compound 1 at 600 MHz in DMSO-d<sub>6</sub>.

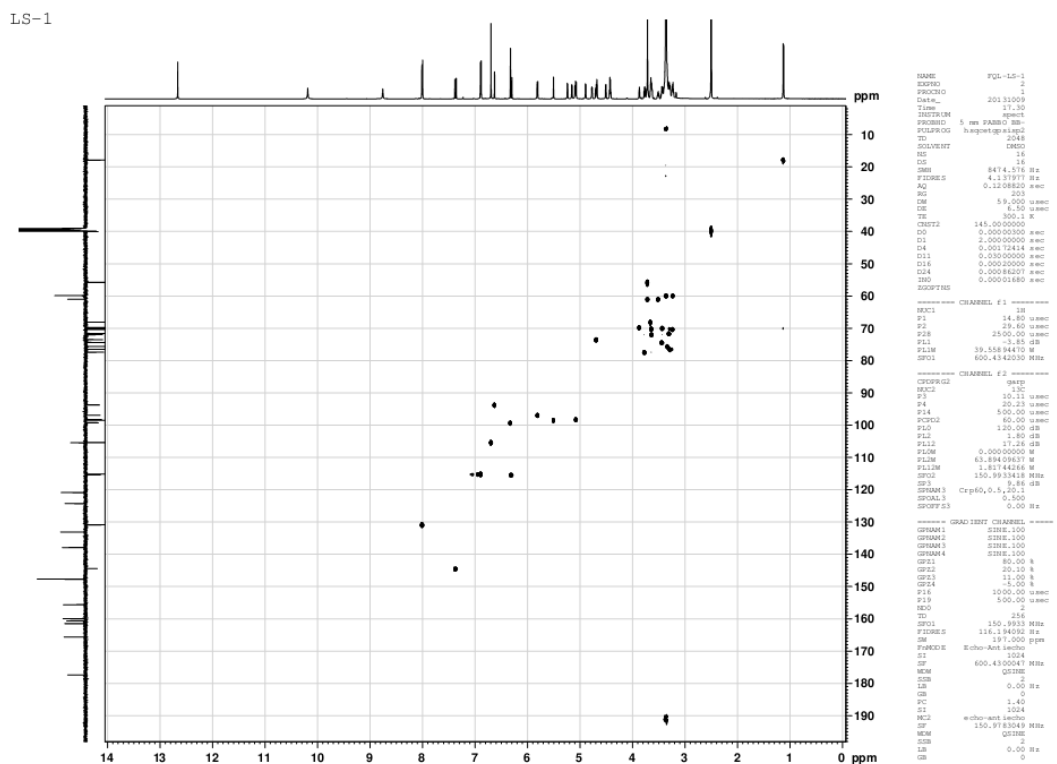
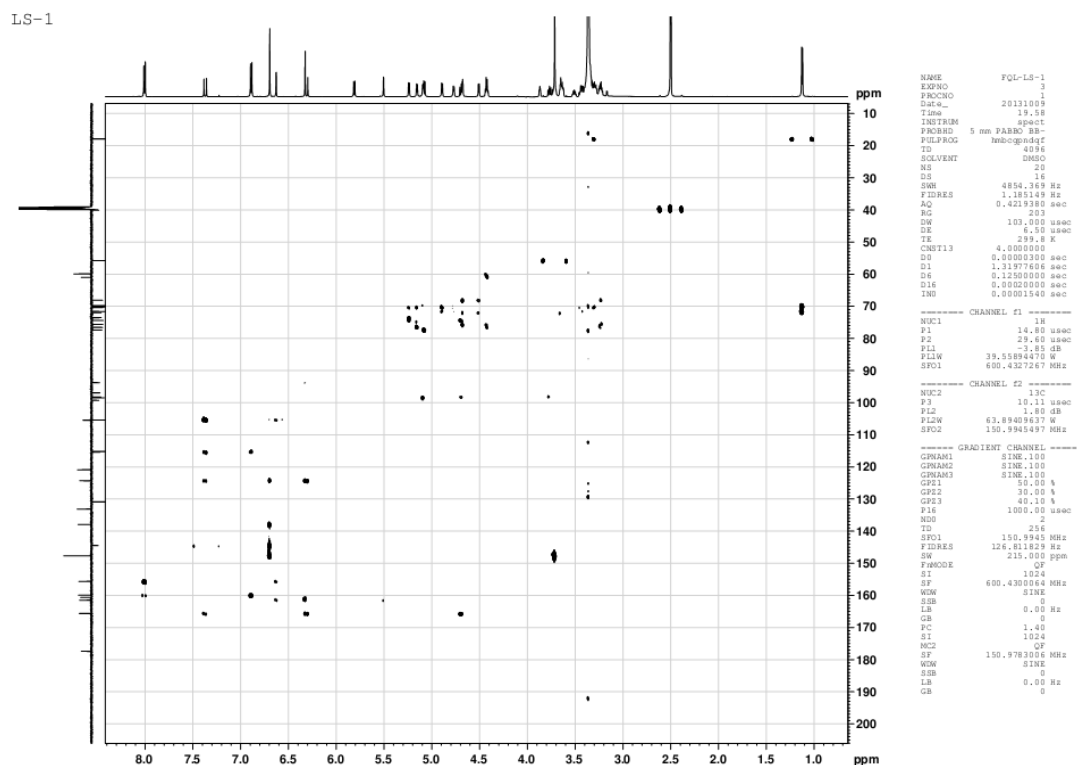


Figure S4. HMBC spectrum of compound 1 at 600 MHz in DMSO-d<sub>6</sub>.



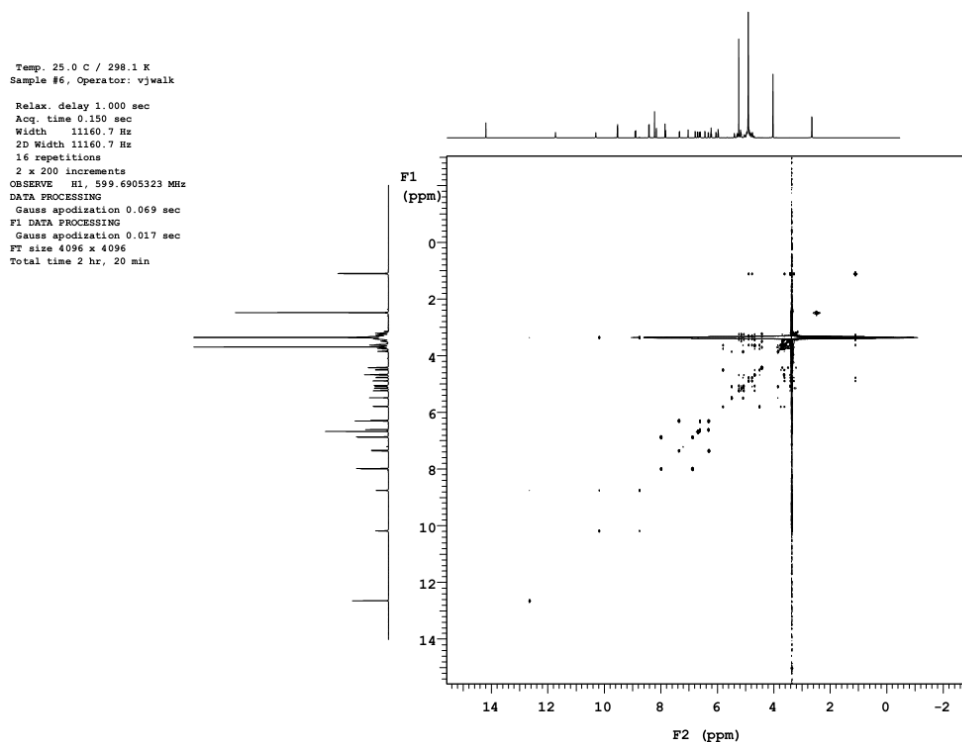
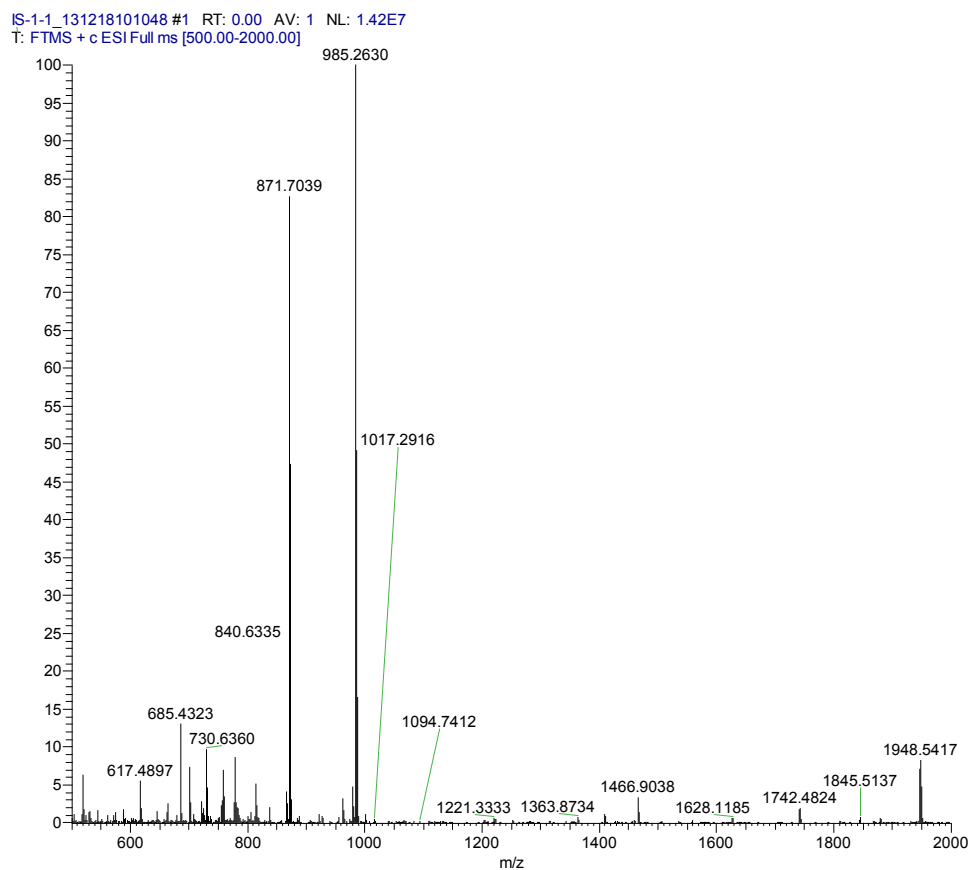
**Figure S5.** TOCSY spectrum of compound **1** at 600 MHz in DMSO-*d*<sub>6</sub>.**Figure S6.** The HR-MS of compound **1**.

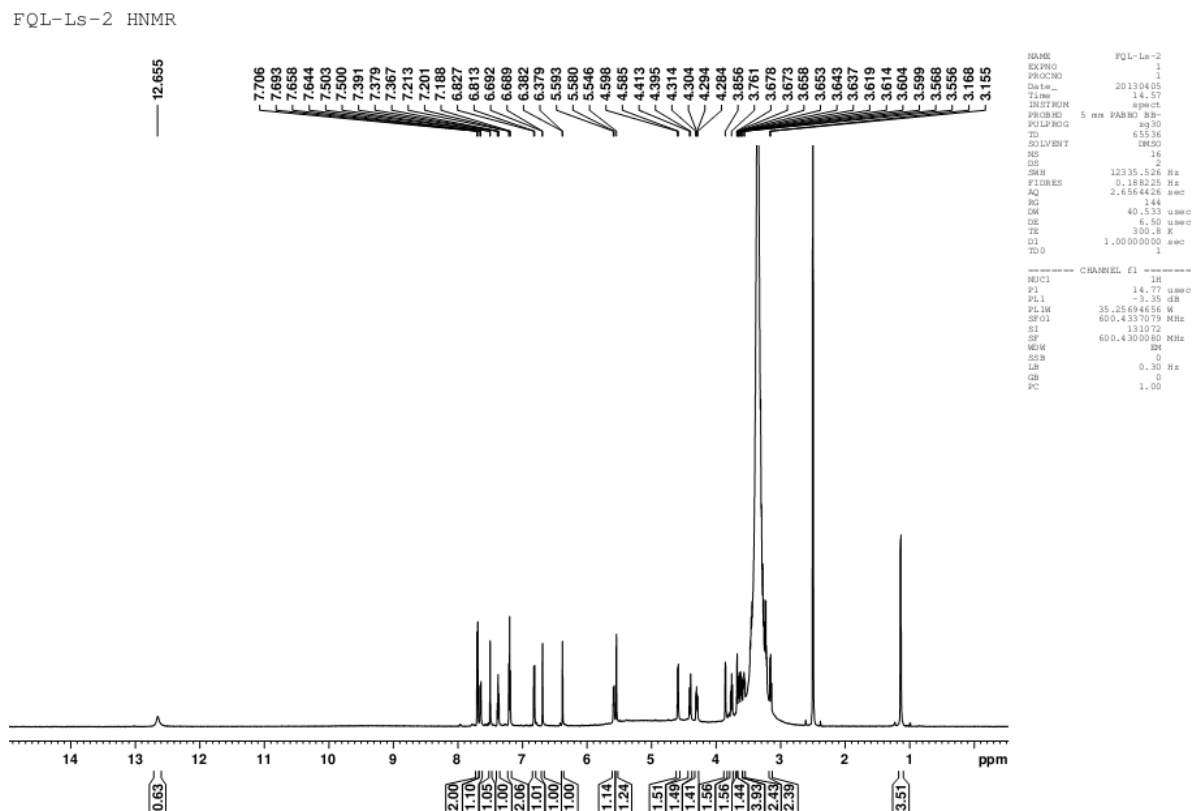
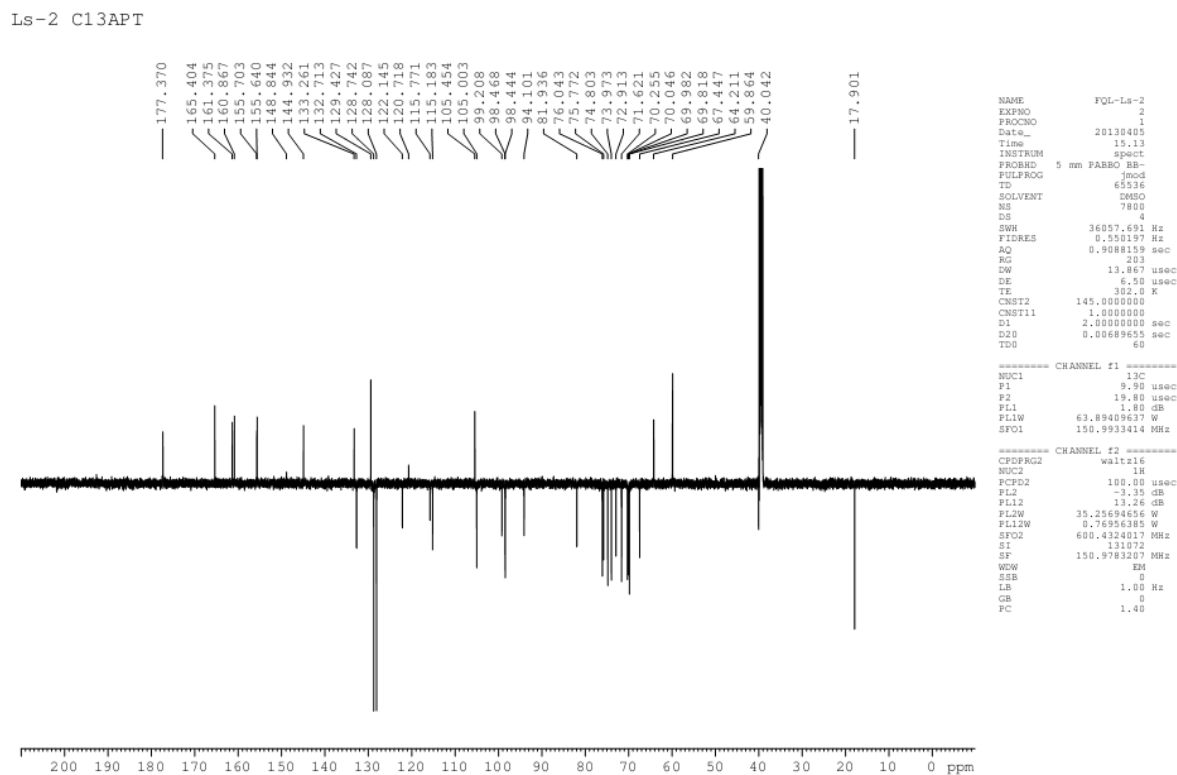
Figure S7.  $^1\text{H-NMR}$  spectrum of compound **2** at 600 MHz in  $\text{DMSO-}d_6$ .Figure S8.  $^{13}\text{C-APT}$  spectrum of compound **2** at 150 MHz in  $\text{DMSO-}d_6$ .

Figure S9. HSQC spectrum of compound 2 at 600 MHz in DMSO-d<sub>6</sub>.

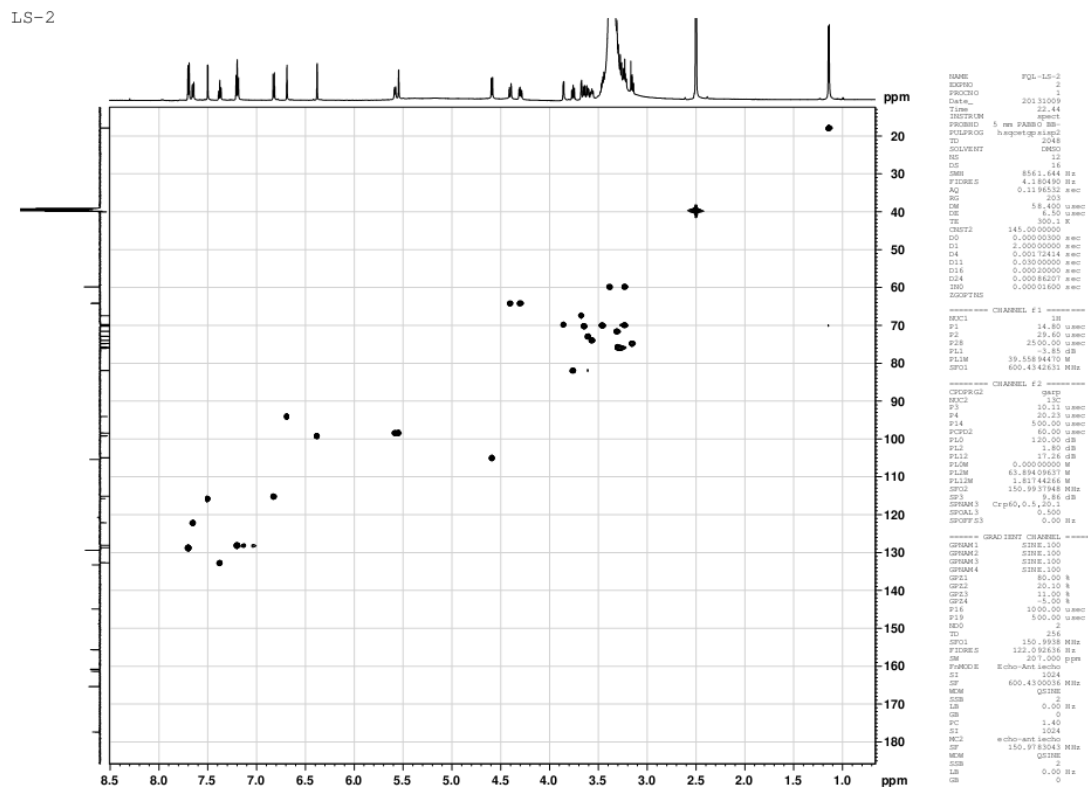
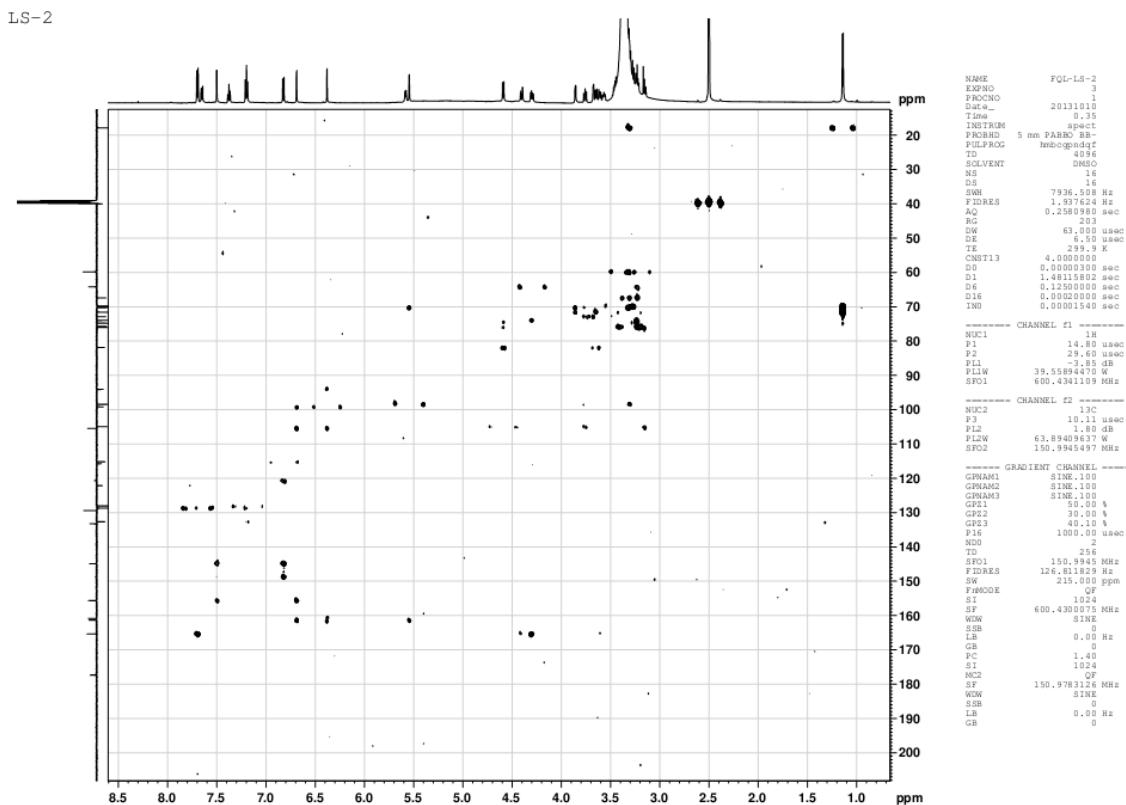
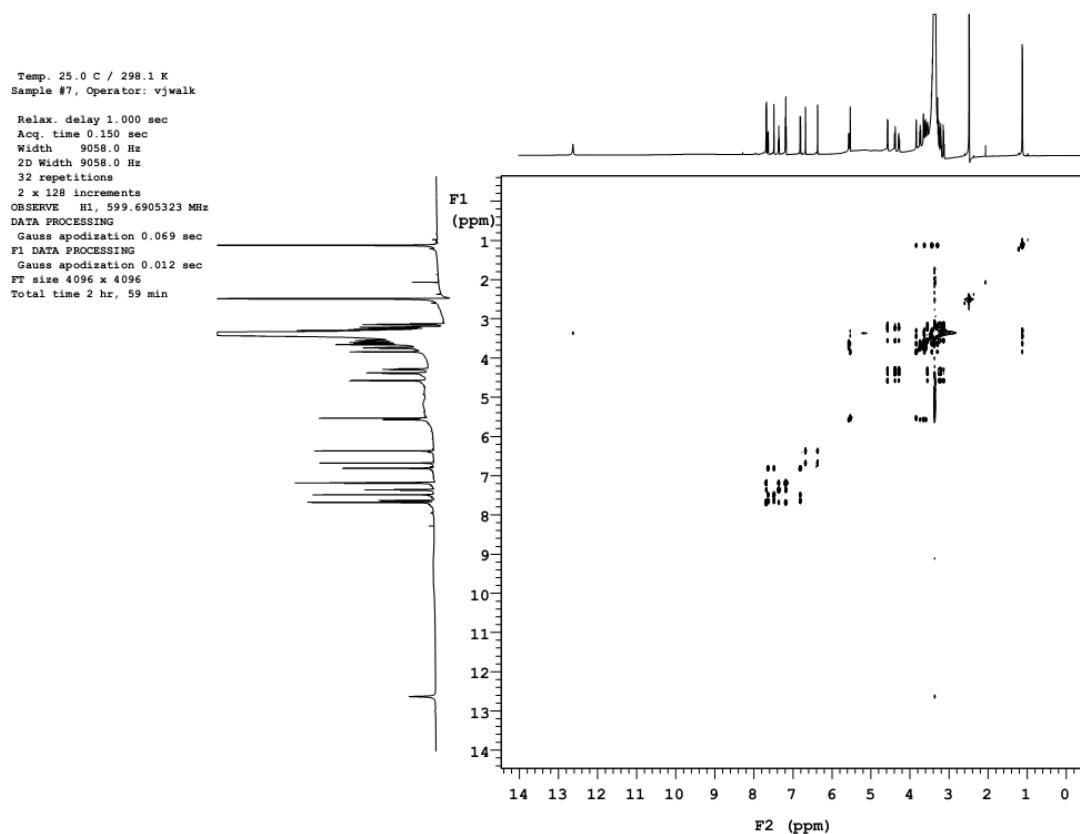


Figure S10. HMBC spectrum of compound 2 at 600 MHz in DMSO-d<sub>6</sub>.



**Figure S11.** TOCSY spectrum of compound **2** at 600 MHz in DMSO-*d*<sub>6</sub>.**Figure S12.** The HR-MS of compound **2**.