

Figure S1.  $^1\text{H}$  NMR spectrum in  $\text{DMSO-d}_6$  of H HMeATSM.

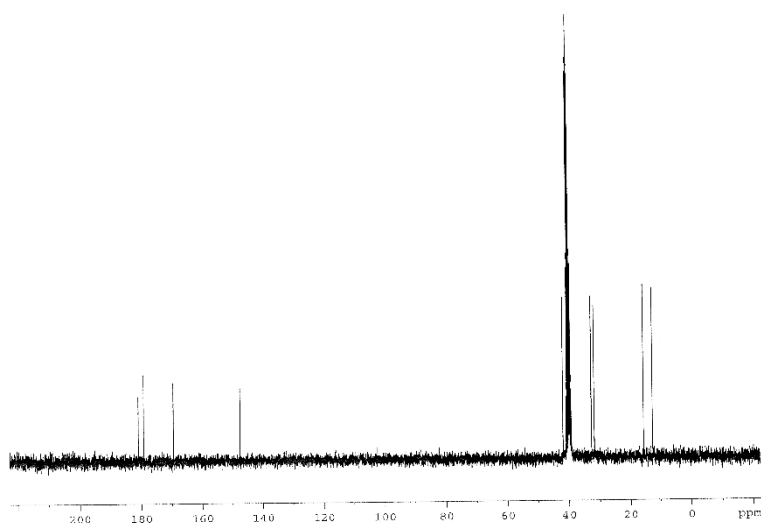


Figure S2.  $^{13}\text{C}$  NMR spectrum in  $\text{DMSO-d}_6$  of HMeATSM.

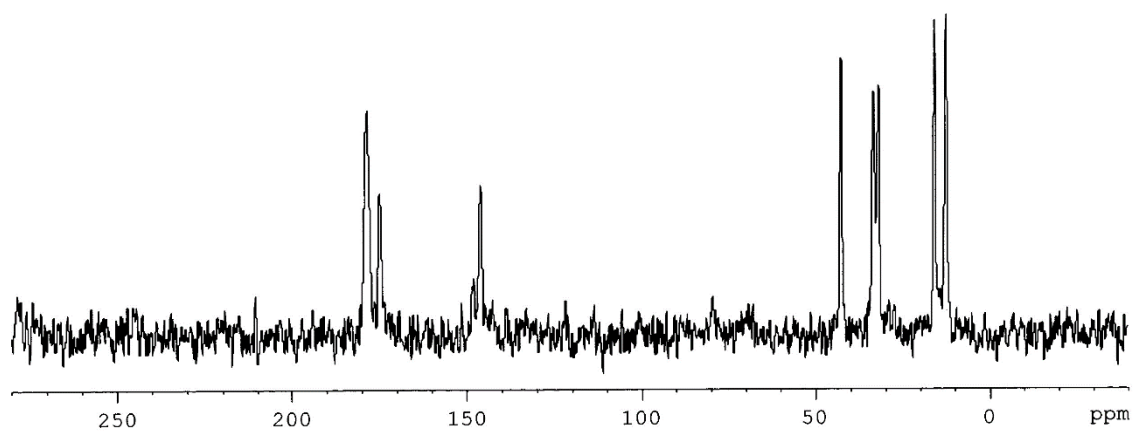


Figure S3.  $^{13}\text{C}$  CP/MAS NMR spectrum of HMeATSM.

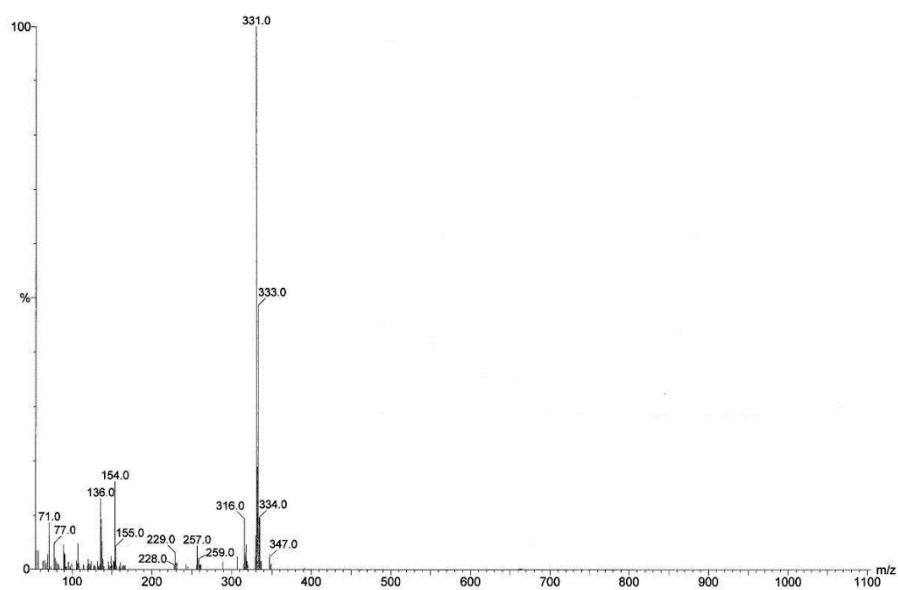


Figure S4. ESI<sup>+</sup> spectrum of complex 1.

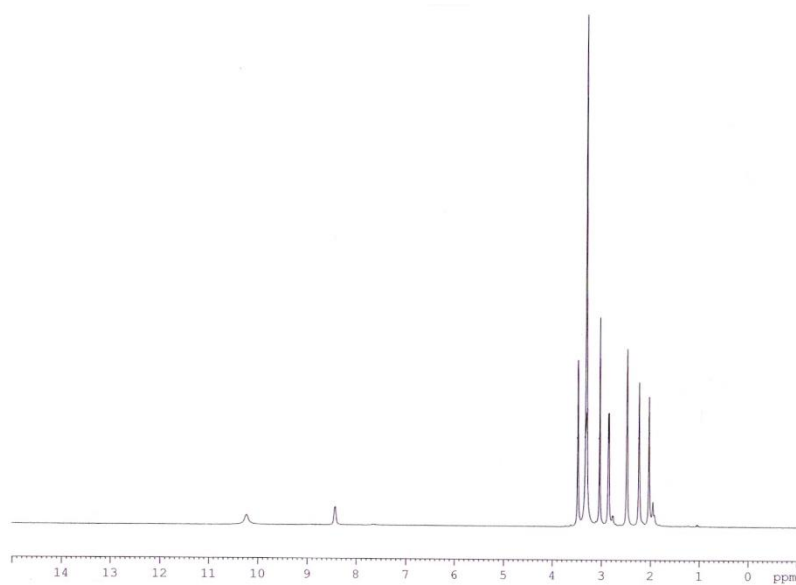


Figure S5. <sup>1</sup>H NMR spectrum in DMSO-d<sub>6</sub> of complex 1.

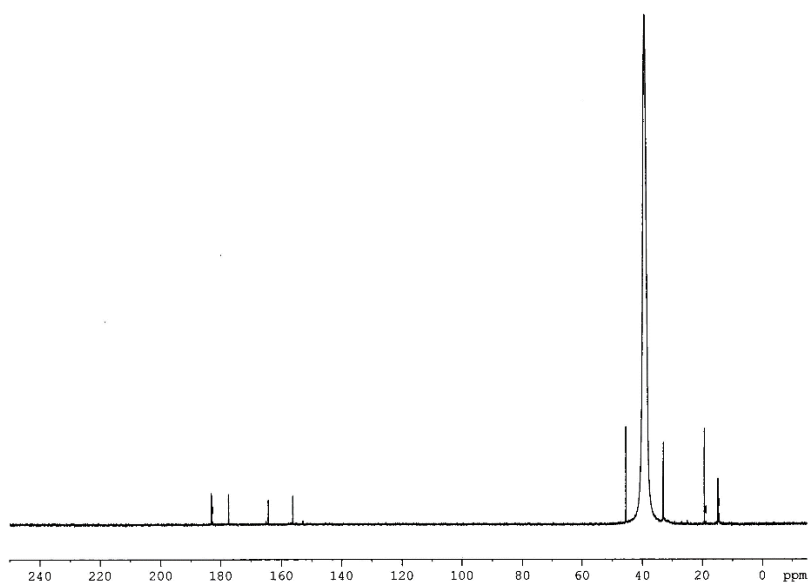


Figure S6.  $^{13}\text{C}$  NMR spectrum in  $\text{DMSO-d}_6$  of complex 1.

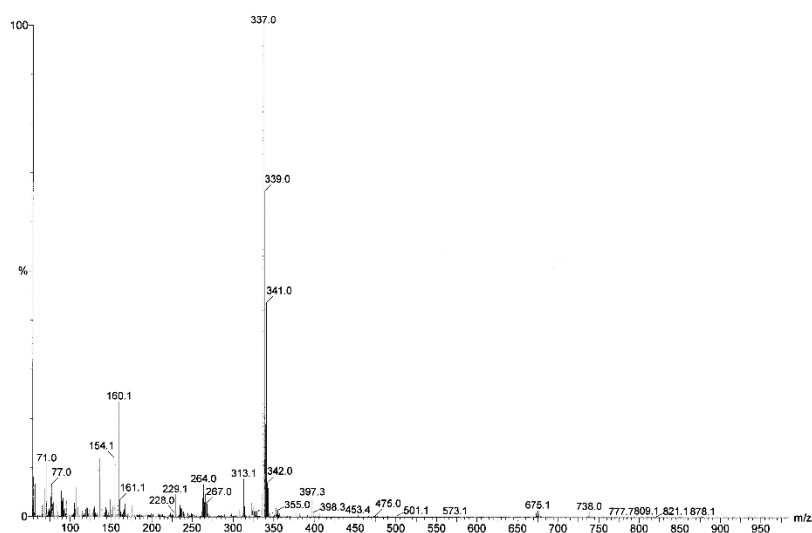


Figure S7.  $\text{ESI}^+$  spectrum of complex 2.

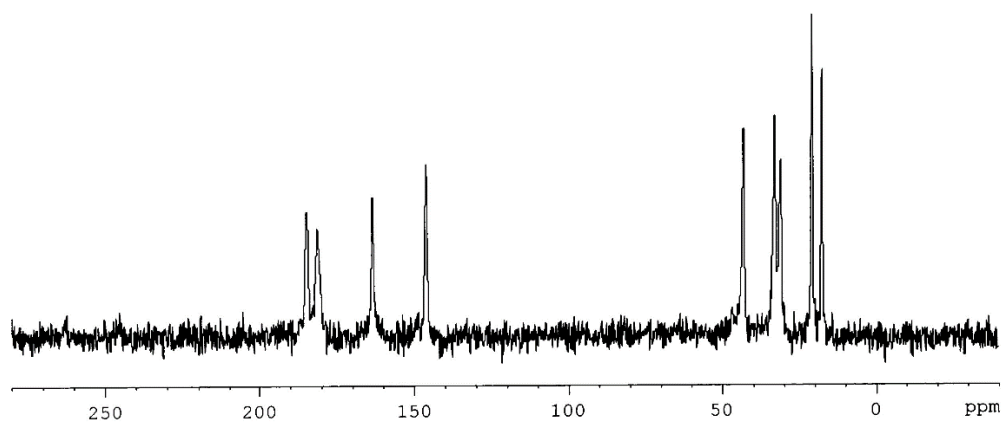


Figure S8.  $^{13}\text{C}$  CP/MAS NMR spectrum of complex 2.

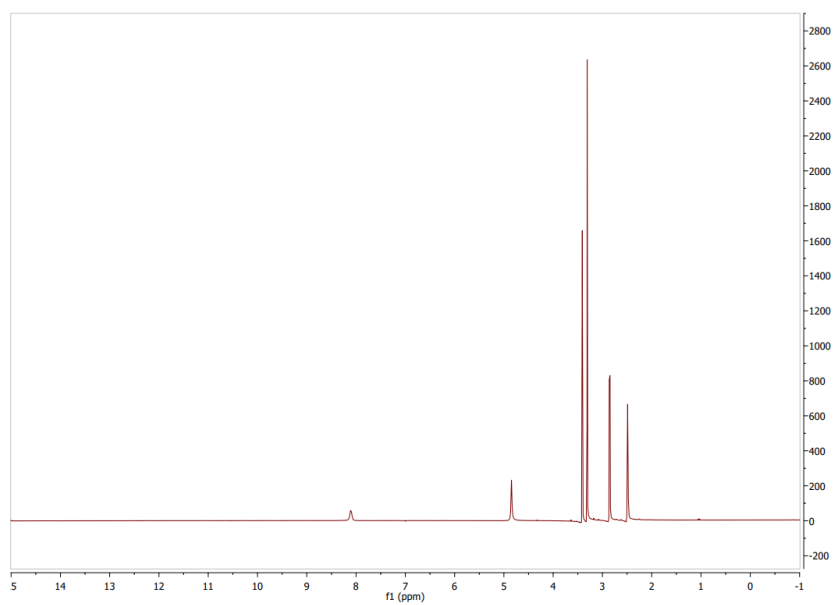


Figure S9.  $^1\text{H}$  NMR spectrum in  $\text{DMSO-d}_6$  of complex 3.

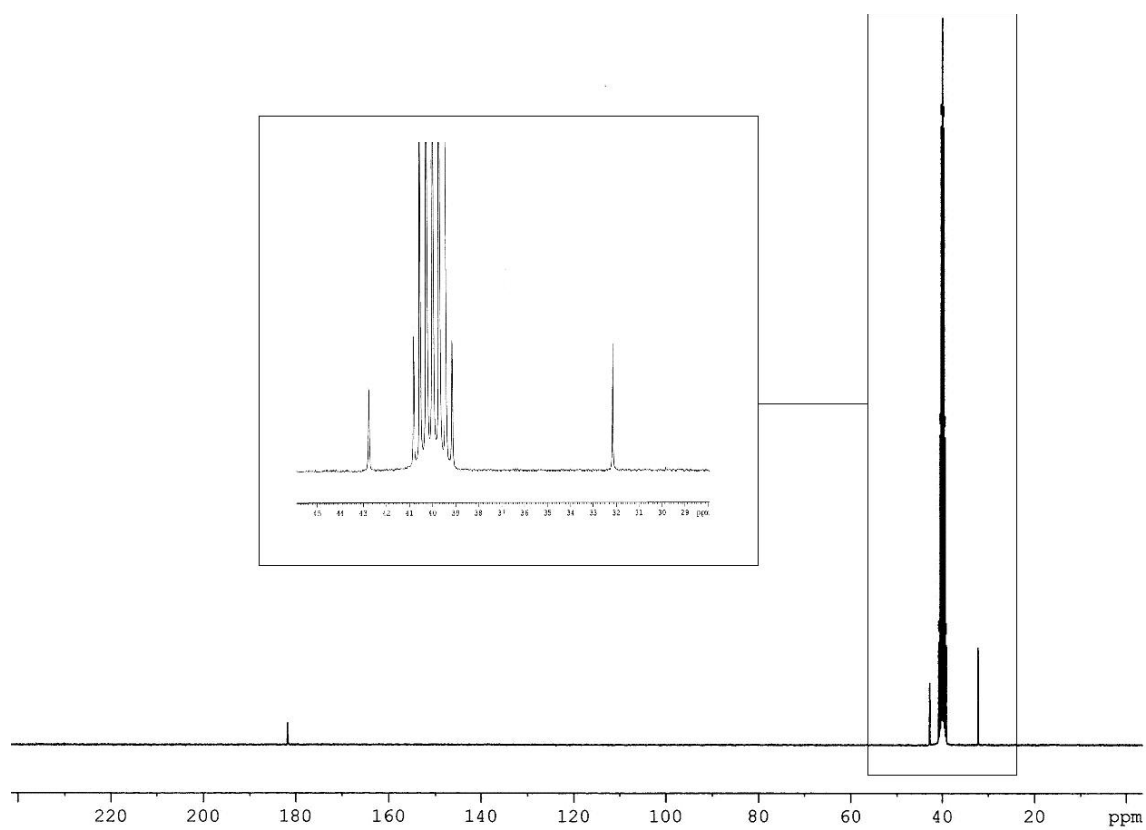


Figure S10.  $^{13}\text{C}$  NMR spectrum in  $\text{DMSO-d}_6$  of complex 3.