

## **Electronic Supplementary Information**

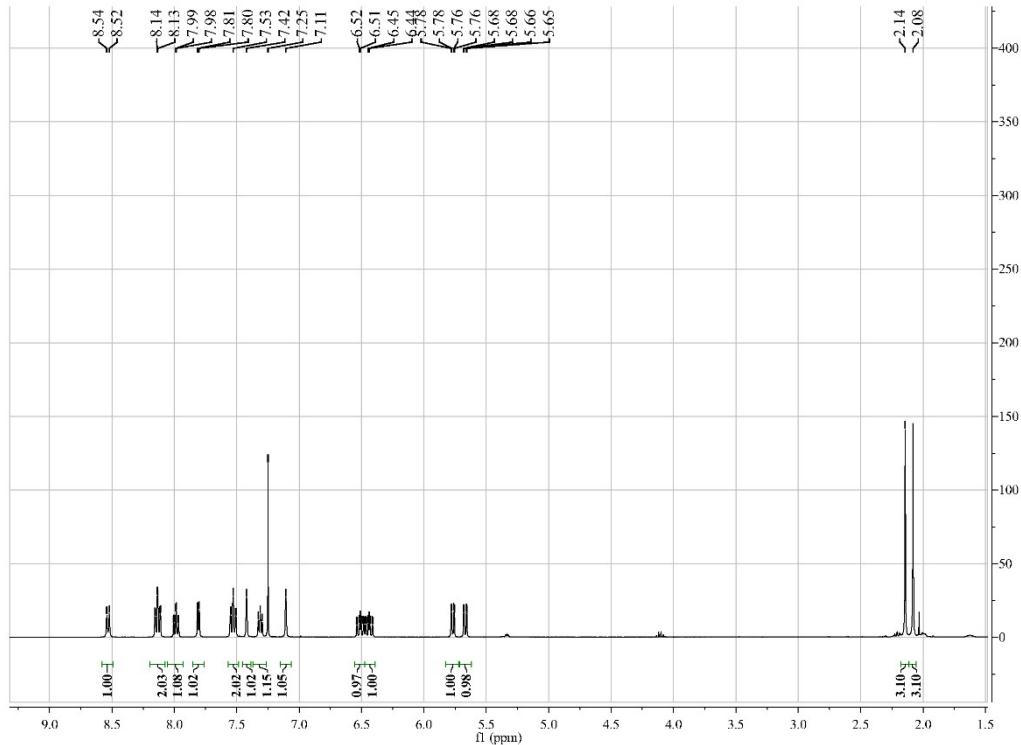


Fig. S1.  $^1\text{H}$  NMR spectra of Ir-CH<sub>3</sub>TAZ in CDCl<sub>3</sub>.

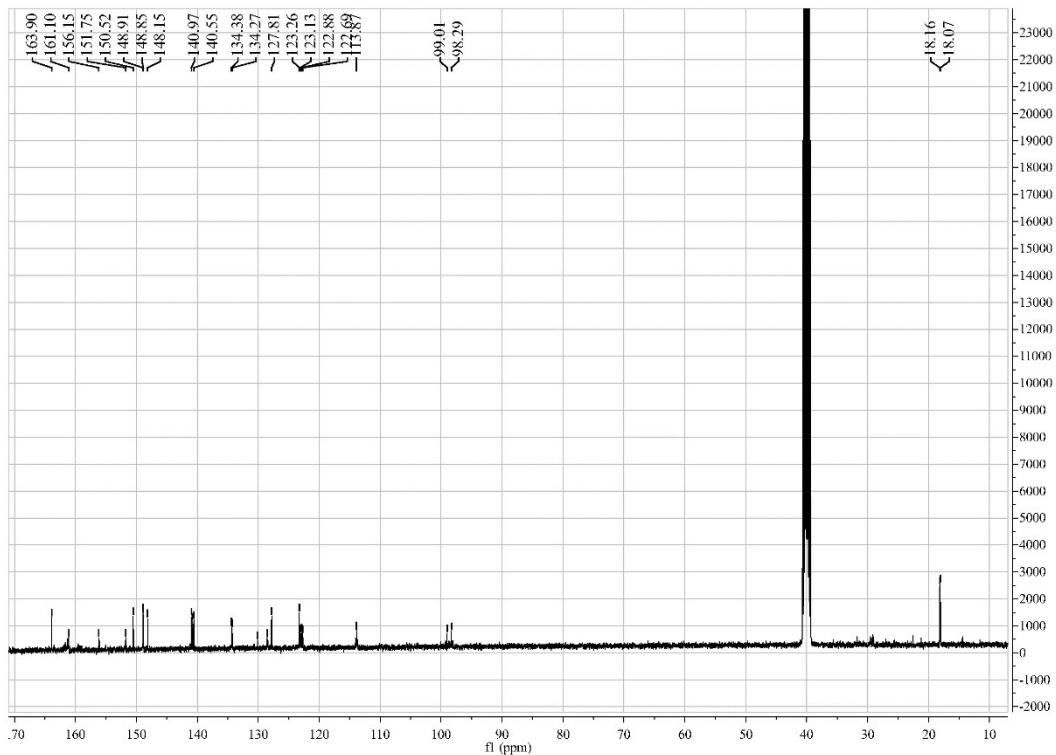


Fig. S2.  $^{13}\text{C}$  NMR spectra of Ir-CH<sub>3</sub>TAZ in DMSO-d<sub>6</sub>.

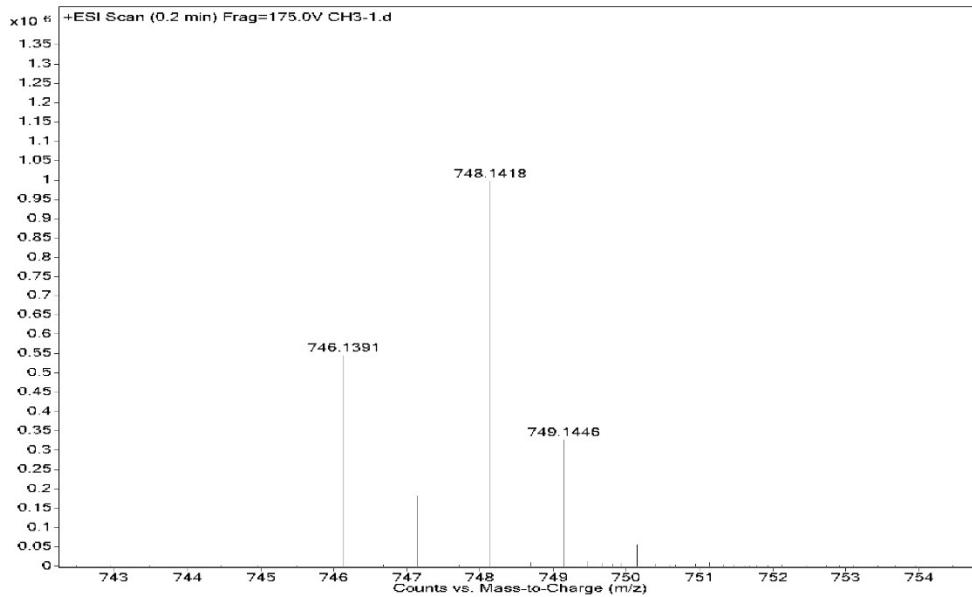


Fig. S3. Mass spectra of Ir-CH<sub>3</sub>TAZ.

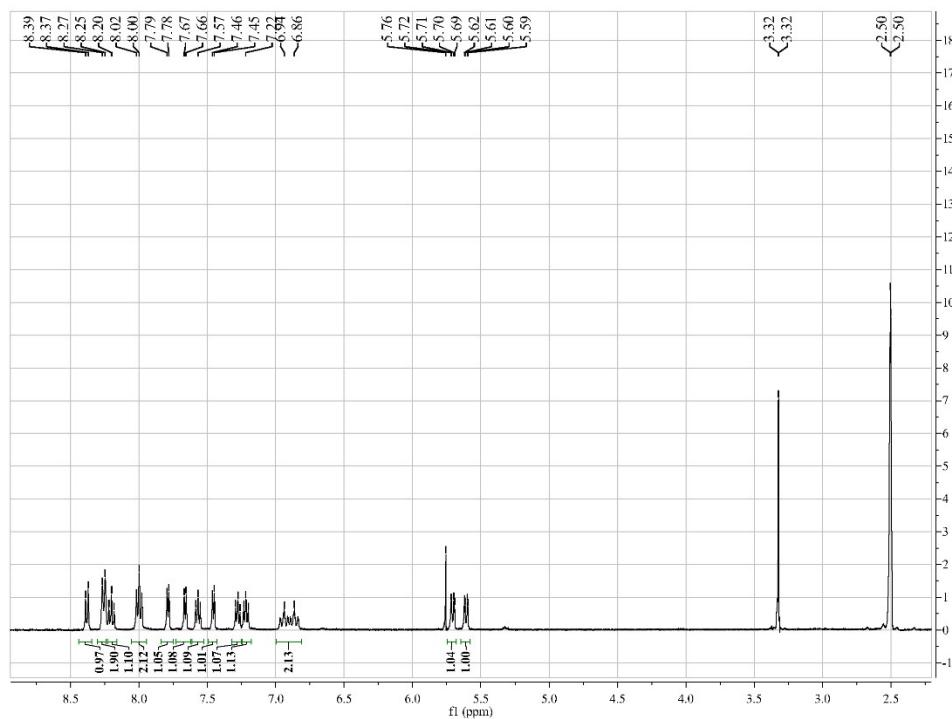


Fig. S4. <sup>1</sup>H NMR spectra of IrTAZ in DMSO-d<sub>6</sub>.

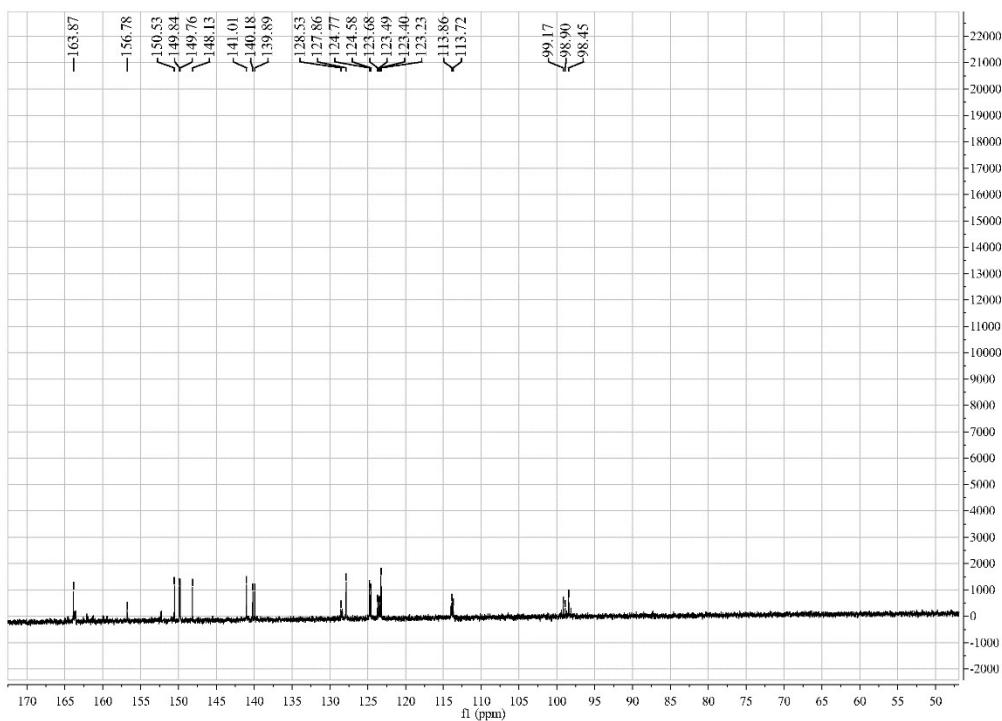


Fig. S5.  $^{13}\text{C}$  NMR spectra of IrTAZ in  $\text{DMSO-d}_6$ .

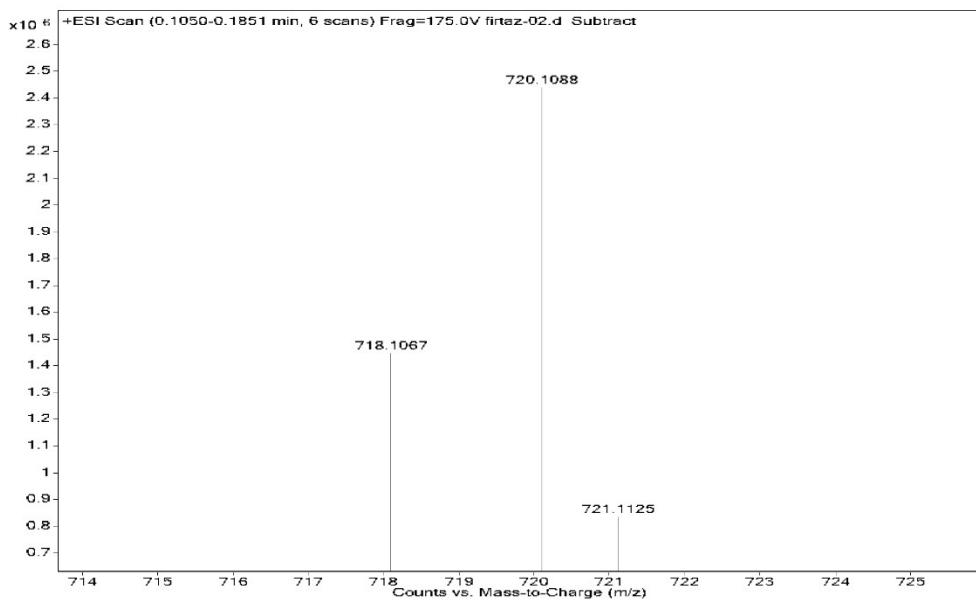


Fig. S6. Mass spectra of IrTAZ.

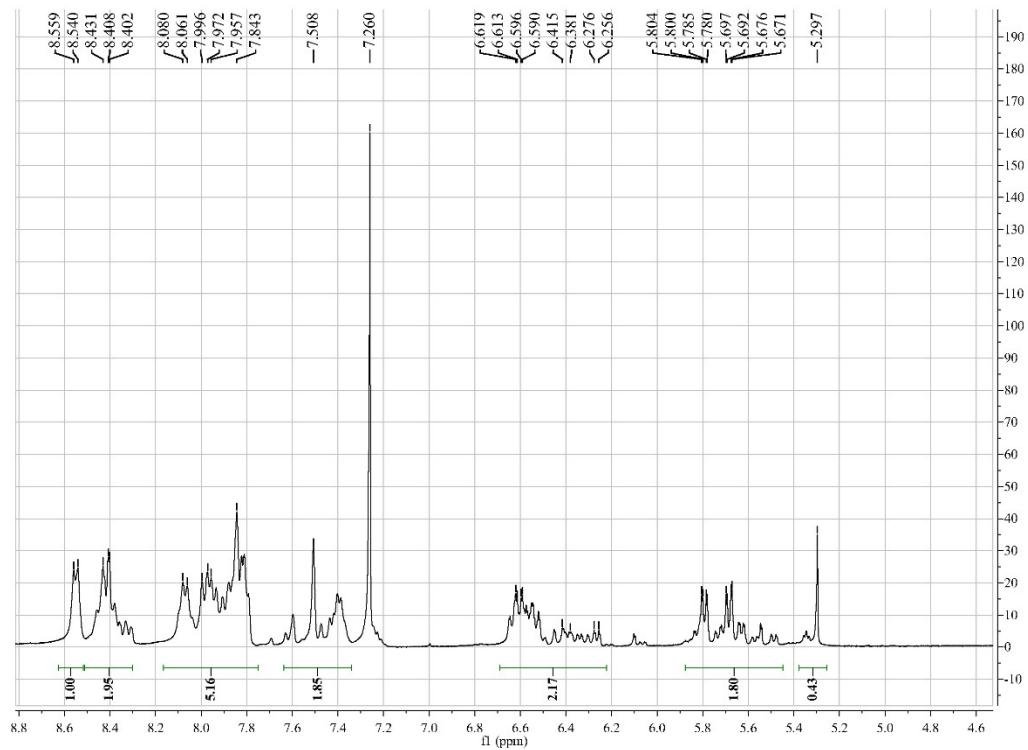


Fig. S7.  $^1\text{H}$  NMR spectra of Ir-CF<sub>3</sub>TAZ in CDCl<sub>3</sub>.

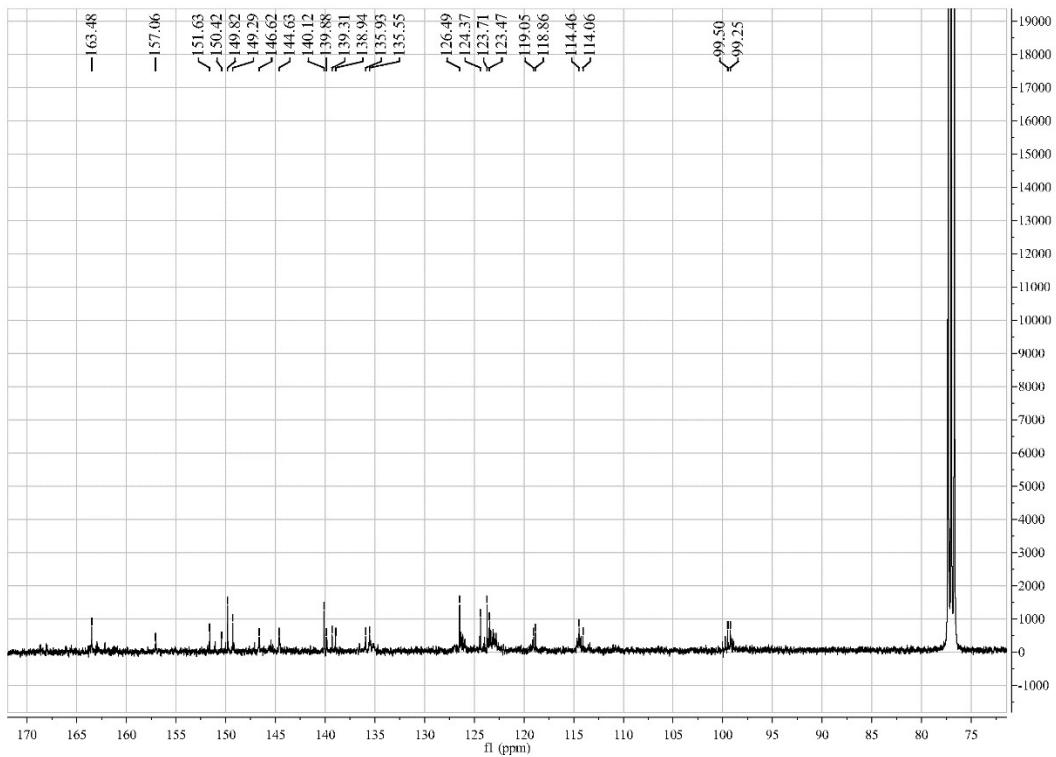


Fig. S8.  $^{13}\text{C}$  NMR spectra of Ir-CF<sub>3</sub>TAZ in CDCl<sub>3</sub>.

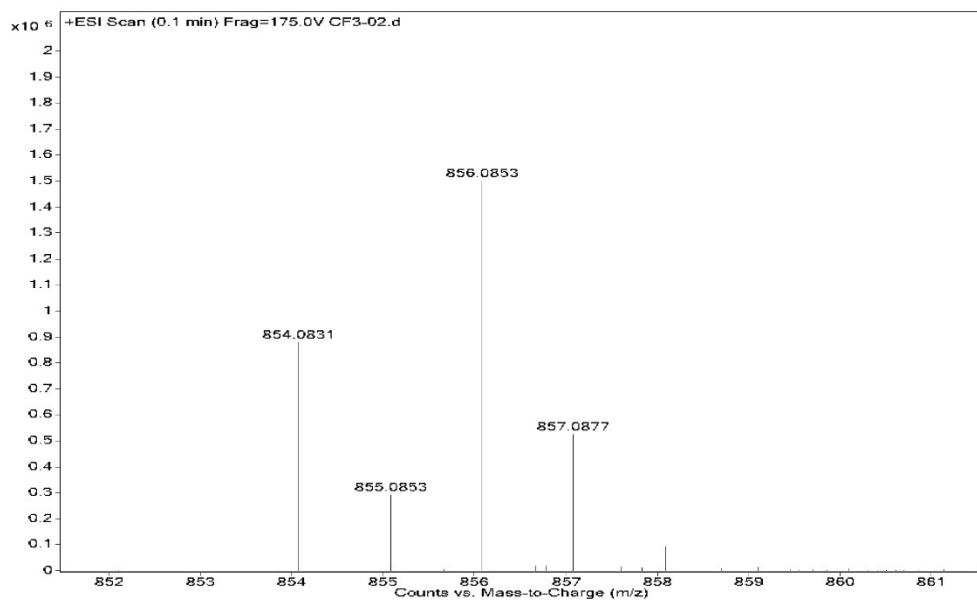


Fig. S9. Mass spectra of Ir-CF3TAZ.