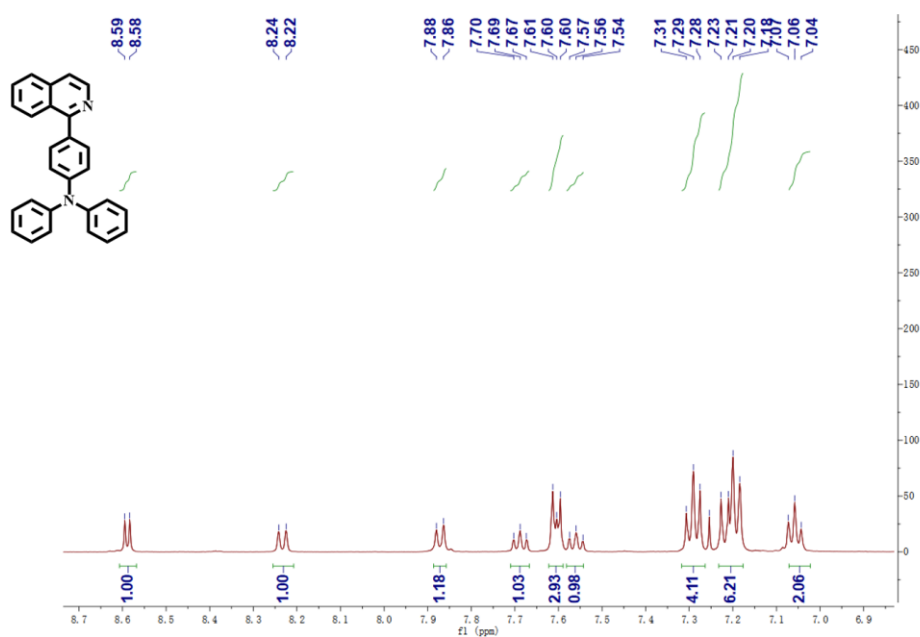
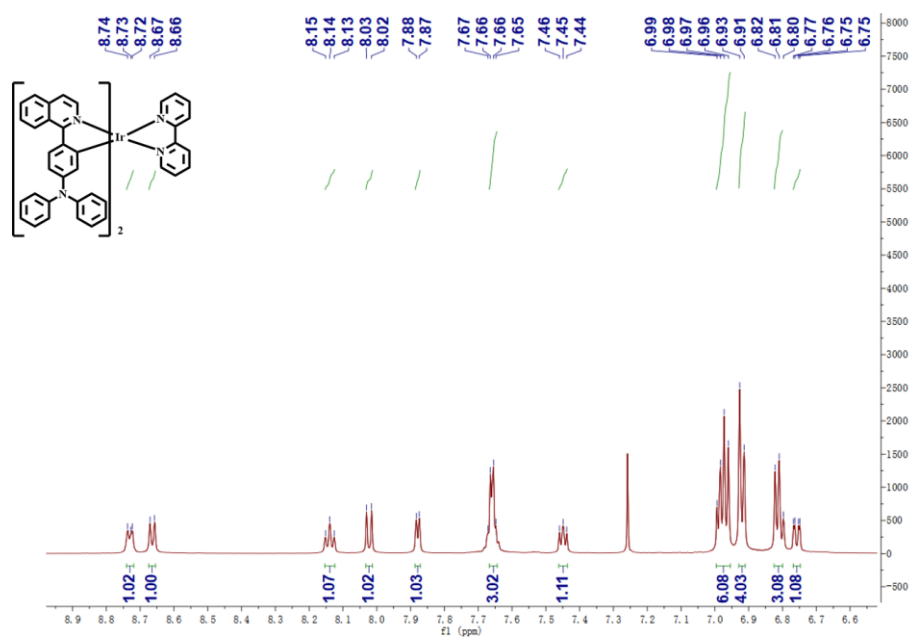


## Supporting information

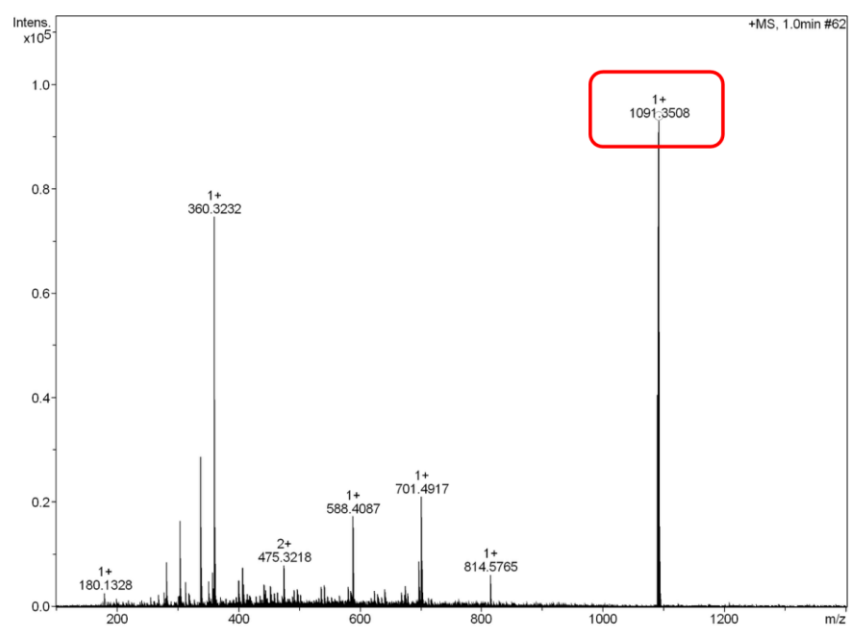
# An AIE Metal Iridium Complex: Photophysical Properties and Singlet Oxygen Generation Capacity



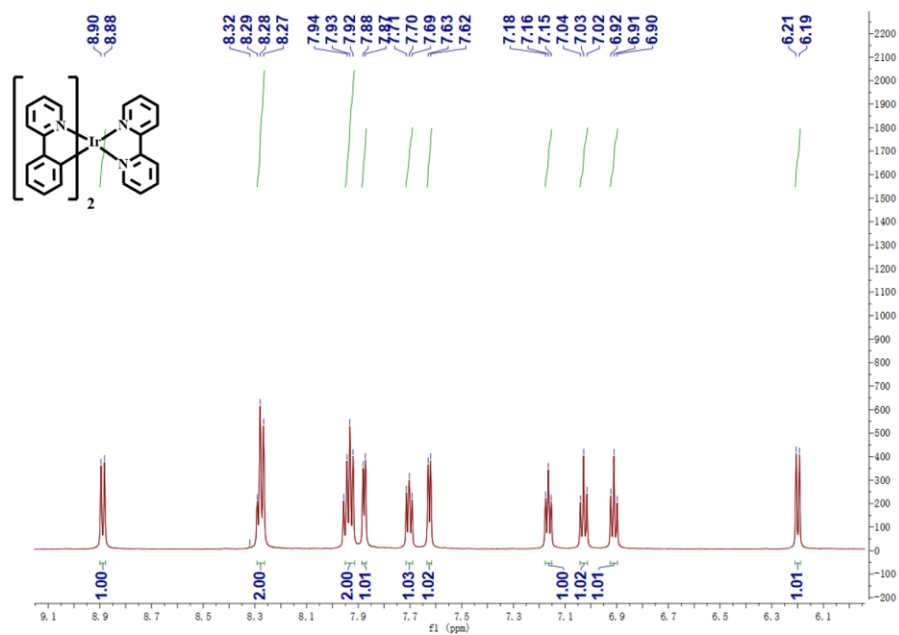
**Figure S1.**  $^1\text{H}$  NMR nuclear magnetic spectrum of TPA in  $\text{CDCl}_3$



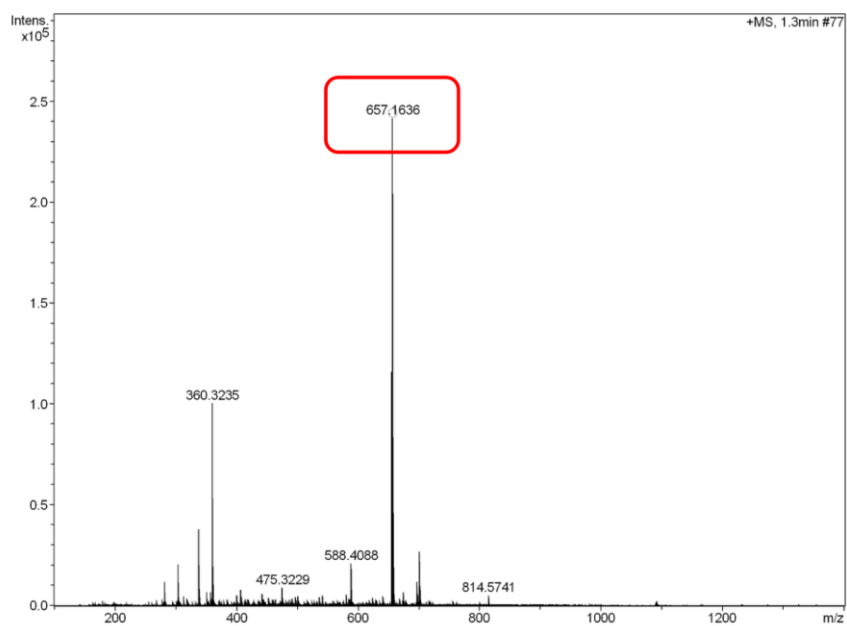
**Figure S2.**  $^1\text{H}$  NMR nuclear magnetic spectrum of **Ir-TPA** in  $\text{CDCl}_3$



**Figure S3.** Mass spectrum of the complex **Ir-TPA**



**Figure S4.** <sup>1</sup>H NMR nuclear magnetic spectrum of **Ir-py** in DMSO



**Figure S5.** Mass spectrum of the complex **Ir-py**