

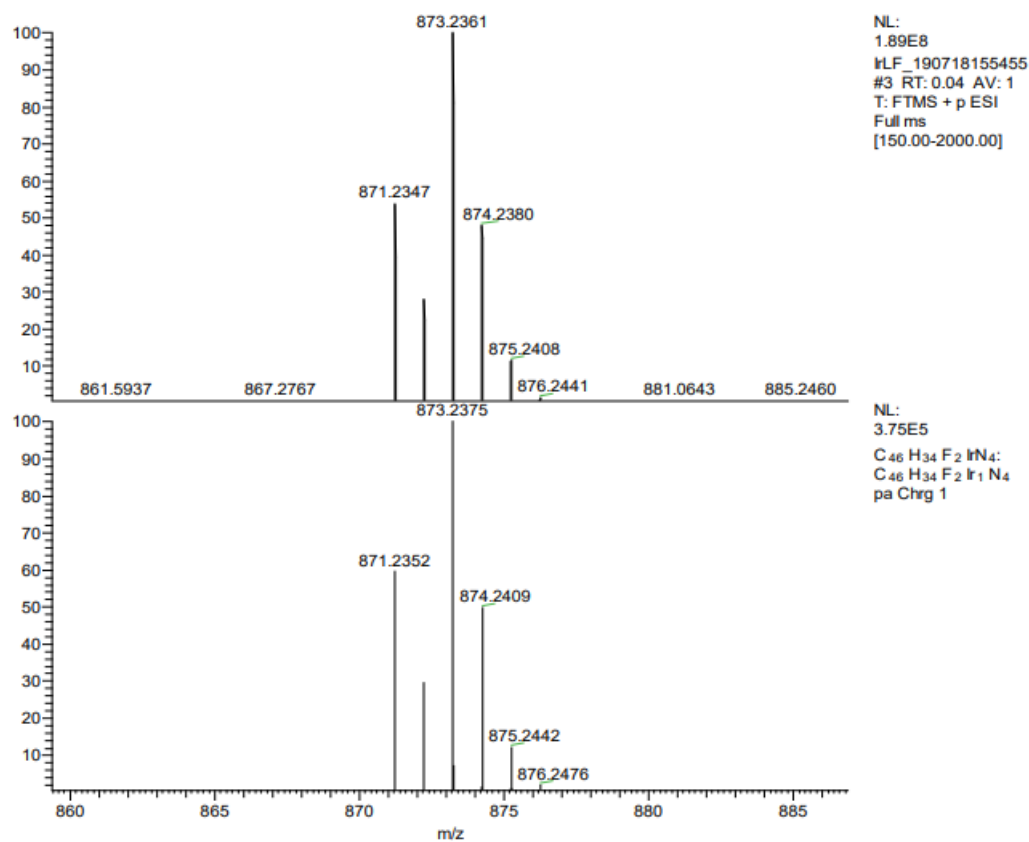
# Bis(2-phenylpyridinato-C<sup>2'</sup>,N)[4,4'-bis(4-fluorophenyl)-6,6'-dimethyl-2,2'-bipyridine] iridium(III) hexafluorophosphate

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**Figure S1.** HR ESI-MS spectrum of the complex in acetone (top) and theoretical spectrum for the fragment [Ir(ppy)<sub>2</sub>L]<sup>+</sup> (C<sub>46</sub>H<sub>34</sub>F<sub>2</sub>N<sub>4</sub>Ir<sup>+</sup>).

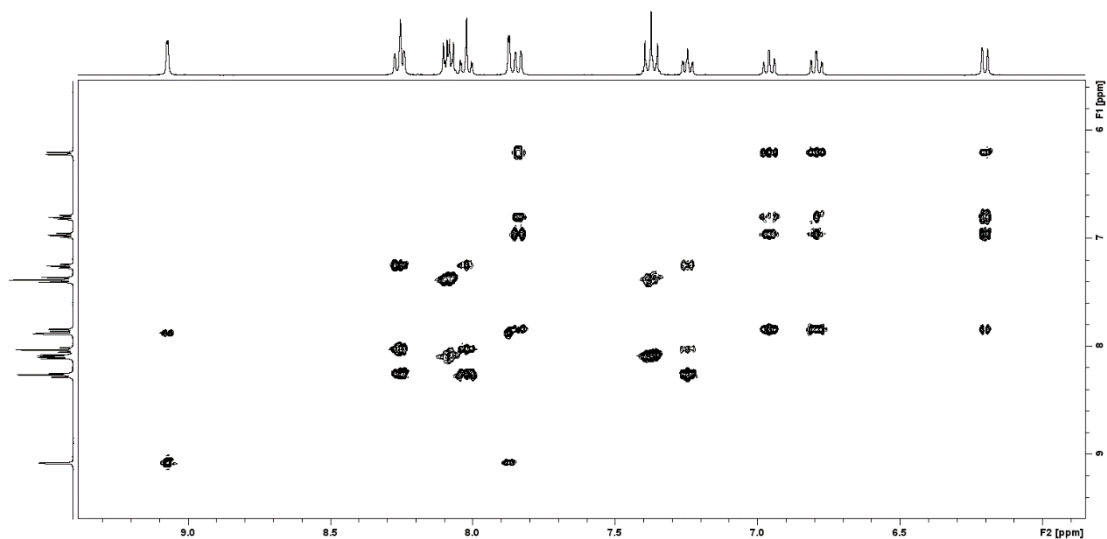


Figure S2.  $^1\text{H}$ - $^1\text{H}$ -TOCSY NMR spectrum of the complex.

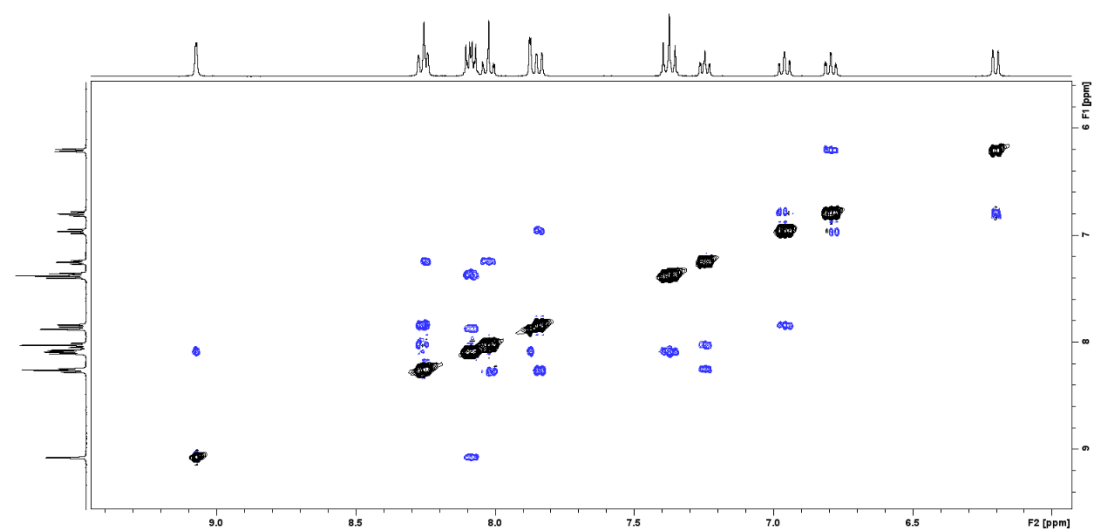


Figure S3.  $^1\text{H}$ - $^1\text{H}$ -NOESY NMR spectrum of the complex.

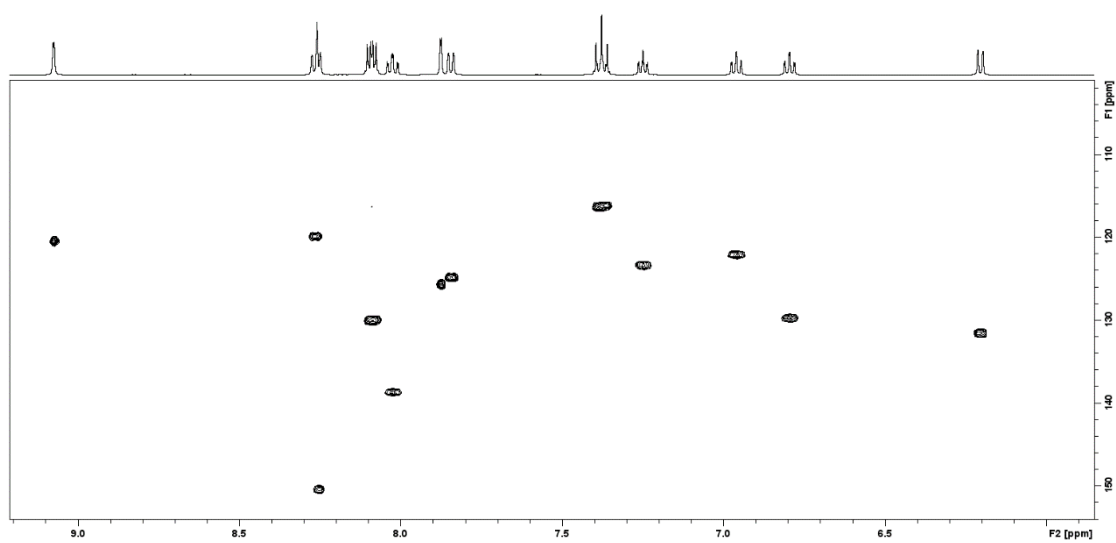
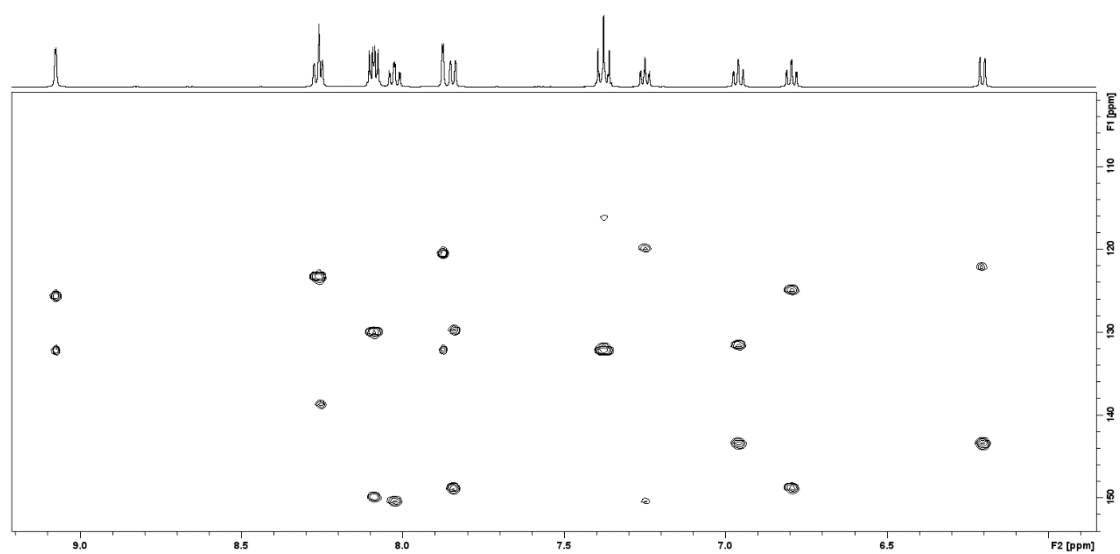


Figure S4.  $^1\text{H}$ - $^{13}\text{C}$ -HSQC NMR spectrum of the complex.



**Figure S5.**  $^1\text{H}$ - $^{13}\text{C}$ -HMBC NMR spectrum of the complex.