Highly Phosphorescent Perfect Green Emitting Iridium III Complex for OLED Application. Supporting information

Henk J. Bolink*[a], Eugenio Coronado[a], Sonsoles Garcia Santamaria[a], Michele Sessolo[a], N. Evans,[b] Cedric Klein,[b] E. Baranoff[b], K. Kalyanasundaram,[b] Michael Graetzel[b] and Md. K. Nazeeruddin*[b]

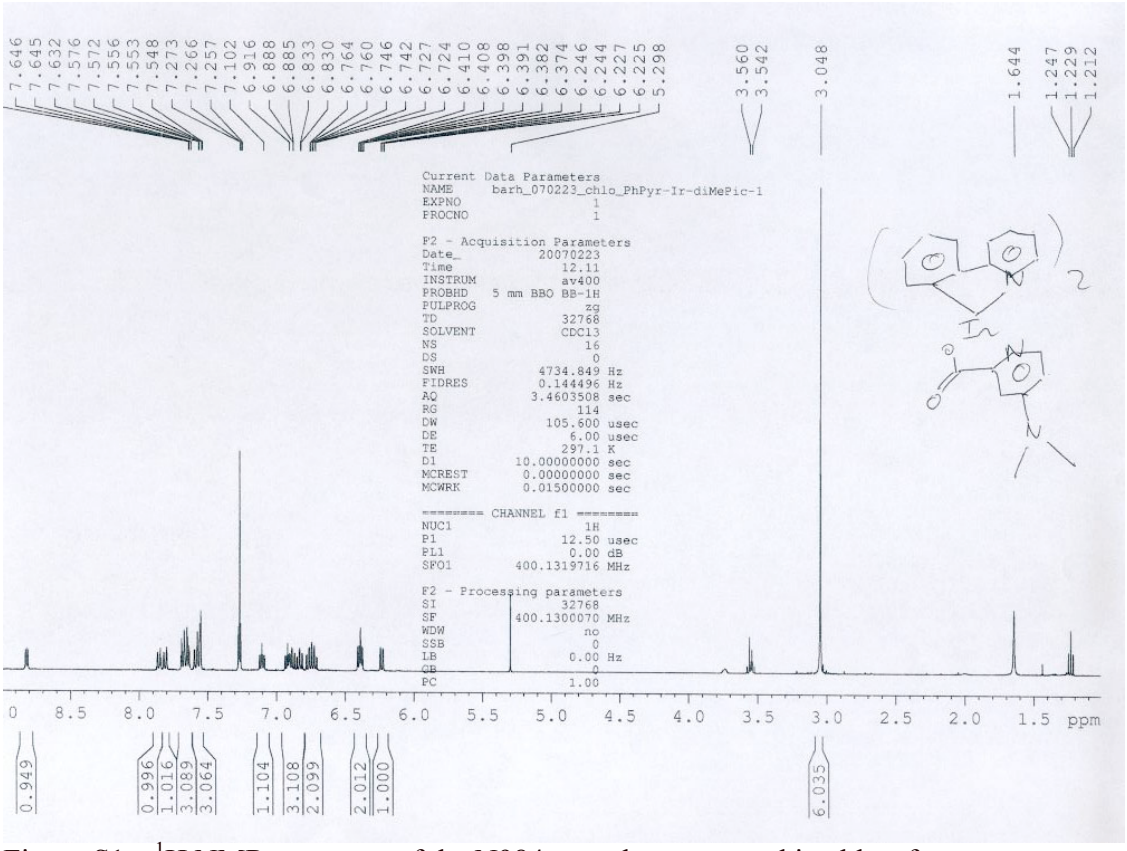

Figure S1a. ^{1}H NMR spectrum of the N984 complex measured in chloroform.

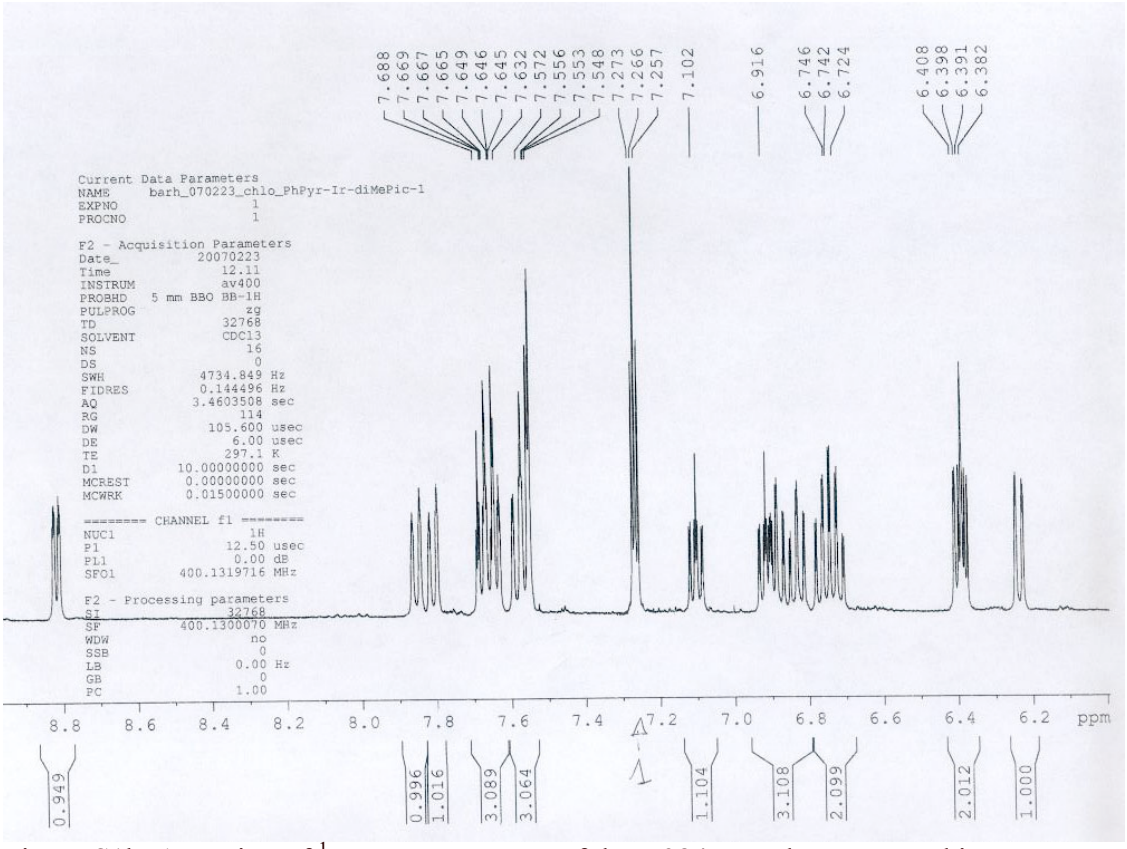

Figure S1b. A portion of ^{1}H NMR spectrum of the N984 complex measured in chloroform.

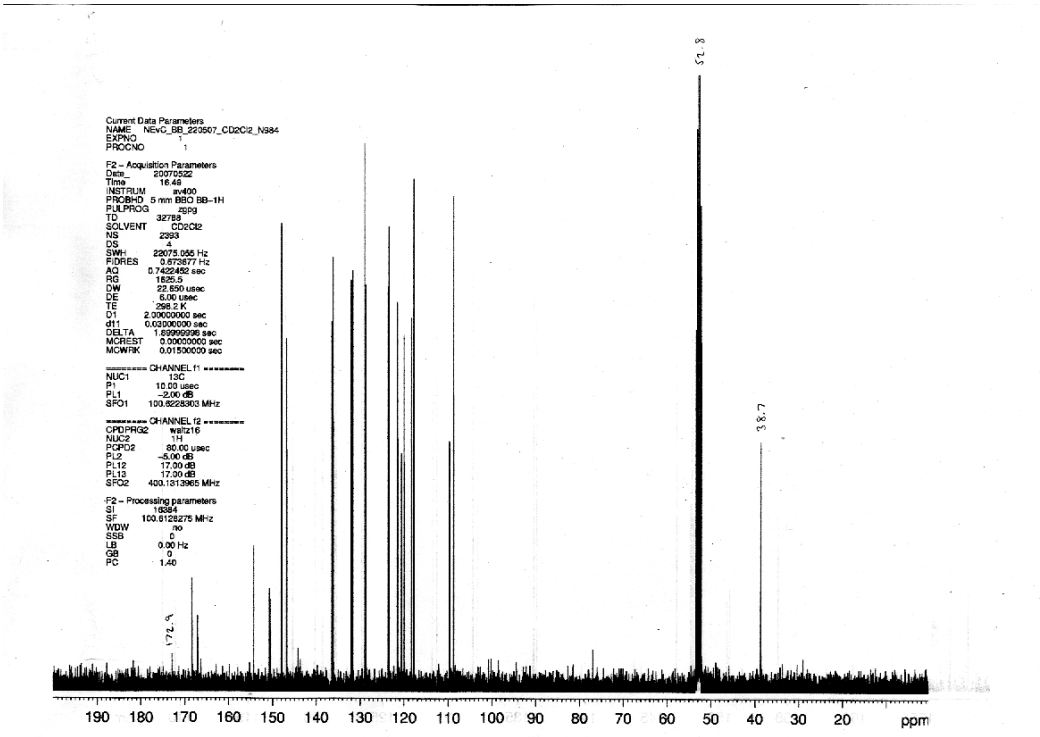

Figure S2a. ^{13}C NMR spectrum of the N984 complex measured in dichloromethane.

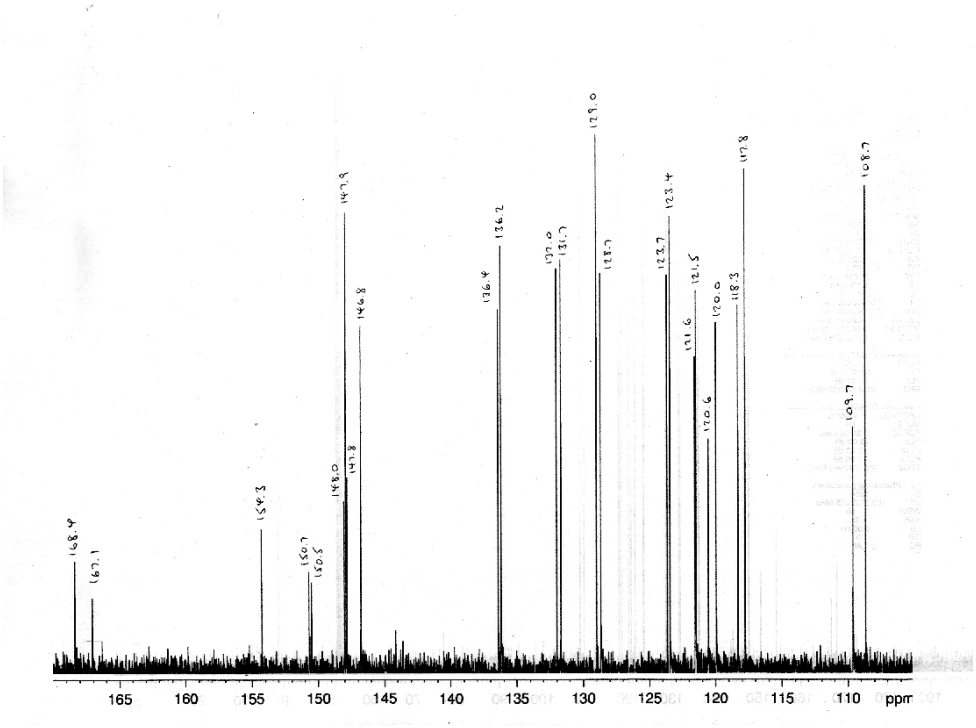

Figure S2b. A portion of ^{13}C NMR spectrum of the N984 complex measured in dichloromethane.

Elemental analysis:

Calculated for C30H25IrN4O2: C, 54.12; H, 3.78; N, 8.42; O, 4.81

Found: C, 54.1; H, 3.99; N, 7.8; O, 4.9

MS (ESI), m/z 667 (M^+), see Figure 3.

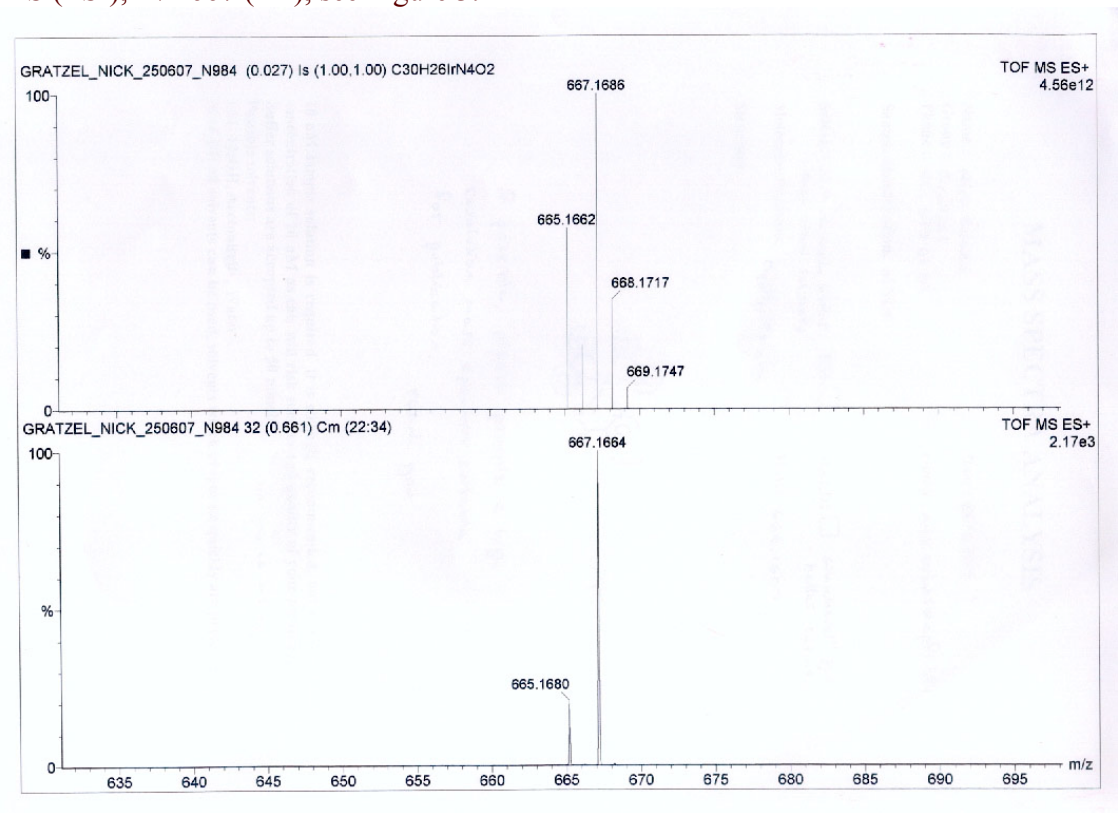

Figure S3. Mass spectra analysis of N984.