New Red-orange Phosphorescent/Electroluminescent Cycloplatinated Complexes of 2,6-Bis(2'-indolyl)pyridine

Qinde Liu,^a Lisa Thorne^a, Igor Kozin,^a Datong Song,^a Corey Seward,^a Marie D'Iorio,^b

Ye Tao^b,* Suning Wang^a*

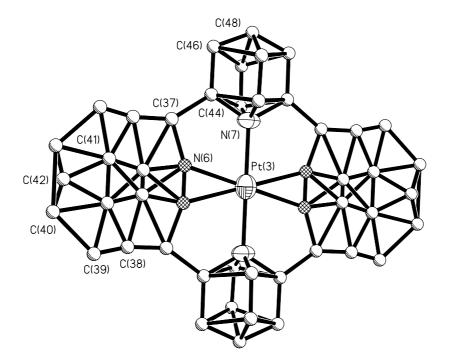
^aDepartment of Chemistry, Queen's University, Kingston, Ontario, K7L 3N6, Canada

^bInstitute for Microstructural Science, National Research Council, Ottawa, K1A 0R6,

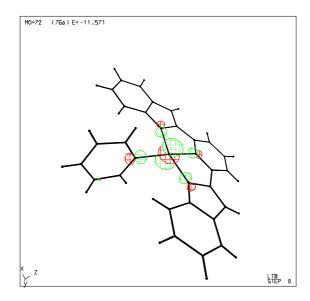
Canada

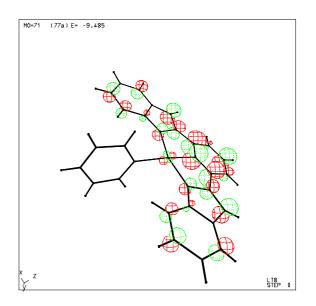
- A diagram showing the structure of the third independent molecule in the crystal lattice of 3.
- 2. Molecular orbital diagrams for compounds 1-3.

The structure of the third independent molecule of compound **3** in the crystal lattice.

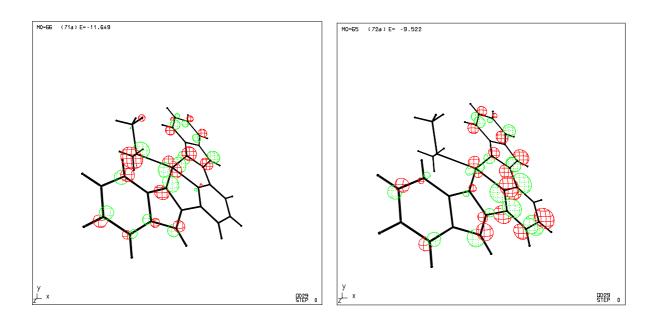


HOMO (left) and LUMO (right) orbitals of compound 1





HOMO (left) and LUMO (right) orbitals of compound 2



LUMO (left) and HOMO (right) orbitals of compound 3

