

# DOWNLOAD LUMINESCENT ORGANOPLATINUM CHEMISTRY PHOTOPHYSICAL AND SUPRAMOLECULAR PROPERTIES OF METALLACYCLIC AND POLYPYRIDINE PLATINUM II COMPLEXES

## **luminescent organoplatinum chemistry photophysical pdf**

7 Naveen Kumar Allampally, Constantin-Gabriel Daniliuc, Cristian A. Strassert, Luisa De Cola, Tuning the Structural and Photophysical Properties of Cationic Pt(II) Complexes Bearing Neutral Bis(triazolyl)pyridine Ligands, *Inorganic Chemistry*, 2015, 54, 4, 1588 CrossRef

## **Luminescent Organoplatinum(II) Complexes with**

Luminescent organoplatinum chemistry: photophysical and supramolecular properties of metallacyclic and polypyridine platinum(II) complexes

## **Luminescent organoplatinum chemistry: photophysical and**

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## **Photophysical characterization of a highly luminescent**

Synopsis. Mononuclear and polynuclear organoplatinum(II) complexes based on new linear and star-shaped 2-(2- $\pi$ -pyridyl)benzimidazole derivative ligands have been found to display orange MLCT emission, and some of the complexes have been found to exist in isomeric forms in solution and in the solid state.

## **Blue Luminescent 2-(2- $\pi$ -Pyridyl)benzimidazole Derivative**

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## **Luminescent Organoplatinum(II) Complexes with**

Cyclometalated N  $\hat{\text{C}}$  C  $\hat{\text{N}}$  N-coordinated platinum(II) complexes are shown to be intensely luminescent in dilute solution at room temperature, with unusually high (0.58 $\hat{\sim}$ 0.68) emission quantum yields. The highly structured green-yellow emission is accompanied, at elevated concentrations, by a broad excimer band centered at 700 nm.

## **Facile Synthesis and Characterization of Phosphorescent Pt**

A number of luminescent iridium(III) polypyridine complexes have been designed as molecular sensors owing to their rich photophysical properties such as intense, long-lived and environment ...

## **Luminescent Organoplatinum(II) Complexes with**

The fluorene units are incorporated into the cyclometalated ligands by a Suzuki coupling reaction. An increase in the  $\hat{\text{C}}$ -conjugation of the cyclometalated ligands confers favourable photophysical properties compared to the 6 $\hat{\text{C}}$ -phenyl $\hat{\text{C}}$ -2,2' $\hat{\text{C}}$ -bipyridine analogues.

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