

Accepted Manuscript

Title: Tuning the photophysical properties of heteroleptic Ir(III) complexes through ancillary ligand substitution: Experimental and theoretical investigation

Authors: Aravind Babu Kajjam, V. Sivakumar



PII: S1010-6030(17)31208-X
DOI: <https://doi.org/10.1016/j.jphotochem.2017.09.054>
Reference: JPC 10901

To appear in: *Journal of Photochemistry and Photobiology A: Chemistry*

Received date: 17-8-2017
Revised date: 21-9-2017
Accepted date: 23-9-2017

Please cite this article as: Aravind Babu Kajjam, V.Sivakumar, Tuning the photophysical properties of heteroleptic Ir(III) complexes through ancillary ligand substitution: Experimental and theoretical investigation, *Journal of Photochemistry and Photobiology A: Chemistry* <https://doi.org/10.1016/j.jphotochem.2017.09.054>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Tuning the photophysical properties of heteroleptic Ir(III) complexes through ancillary ligand substitution: Experimental and theoretical investigation.

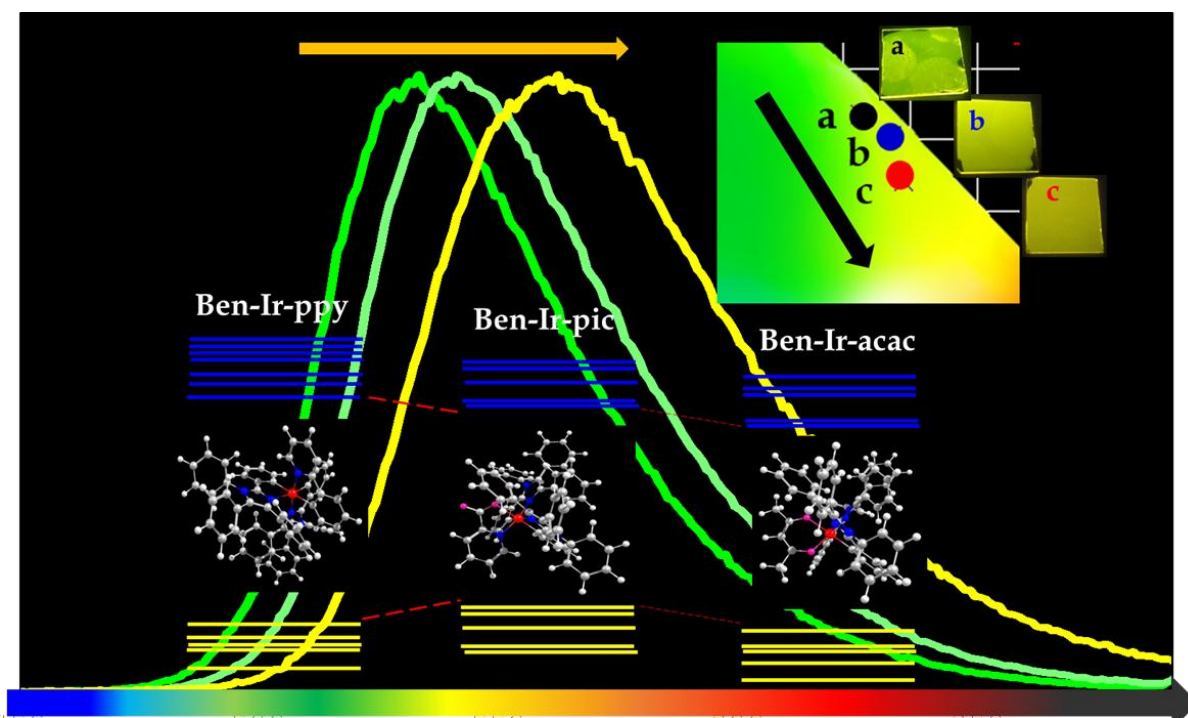
Aravind Babu Kajjam, and V. Sivakumar*

Optoelectronics laboratory, Department of Chemistry, National Institute of Technology, Rourkela, India.

* To whom correspondence should be addressed. Email: vsiva@nitrkl.ac.in (V. Sivakumar)

Tel: +91-661-2462654;

Graphical abstract



Highlights:

- Successfully synthesised three phosphorescent heteroleptic Ir(III) complexes with three different auxiliary ligands.

Download English Version:

<https://daneshyari.com/en/article/4753757>

Download Persian Version:

<https://daneshyari.com/article/4753757>

[Daneshyari.com](https://daneshyari.com)