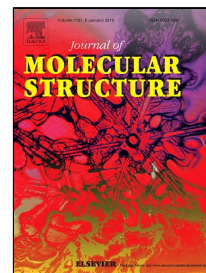


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Photophysical and Electrochemical investigation of Highly Conjugated Pyridine based diphenylamine materials



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Highlights:

- Three diphenylamine and pyridine based conjugated moieties are synthesized from easiest Knoevenagel condensation route
- Excellence greenish to yellow fluorescence shift was noted from solution state to thin film state
- Low electrochemical band gap (1.9 and 1.8 eV) was observed which is suitable for photovoltaic applications.

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