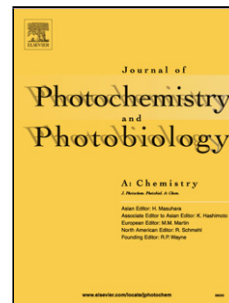


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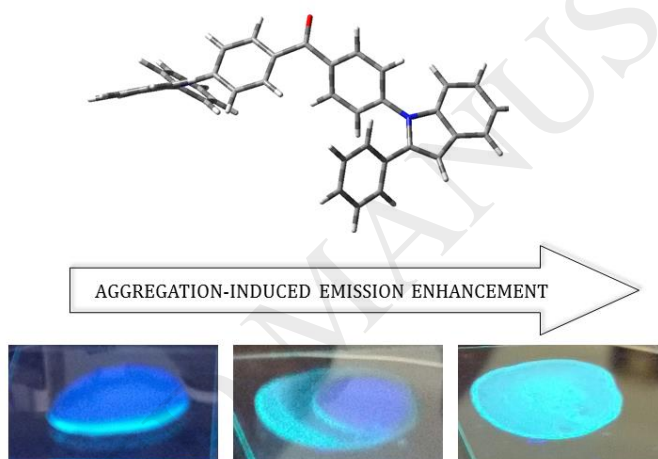
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# SYNTHESIS AND PROPERTIES OF TETRAHYDROCARBAZOLYL- AND 2-PHENYLINDOLYL-SUBSTITUTED BENZOPHENONE DERIVATIVES

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Graphical Abstract



## Highlights

- Tetrahydrocarbazole- and 2-phenylindolylbenzophenone derivatives were synthesized
- Their triplet energy values exceeded 2.8 eV
- Solid-state ionization potential values were estimated to be 5.53 and 5.54 eV
- 2-Phenylindole based benzophenone derivative exhibited aggregation induced emission enhancement.

## Abstract

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