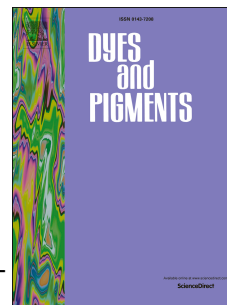


Accepted Manuscript

Tuning the solid-state emission of small push-pull dipolar dyes to the far-red through variation of the electron-acceptor group

Sébastien Redon, Gwenaëlle Eucat, Martin Ipuy, Erwann Jeanneau, Isabelle Gautier-Luneau, Alain Ibanez, Chantal Andraud, Yann Bretonnière



PII: S0143-7208(18)30415-7

DOI: [10.1016/j.dyepig.2018.03.049](https://doi.org/10.1016/j.dyepig.2018.03.049)

Reference: DYPI 6634

To appear in: *Dyes and Pigments*

Received Date: 20 February 2018

Revised Date: 22 March 2018

Accepted Date: 23 March 2018

Please cite this article as: Redon Sé, Eucat Gwenaë, Ipuy M, Jeanneau E, Gautier-Luneau I, Ibanez A, Andraud C, Bretonnière Y, Tuning the solid-state emission of small push-pull dipolar dyes to the far-red through variation of the electron-acceptor group, *Dyes and Pigments* (2018), doi: 10.1016/j.dyepig.2018.03.049.

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.

1 Tuning the Solid-State Emission of Small Push-pull
2 Dipolar Dyes to the Far-red Through Variation of the
3 Electron-acceptor Group

4 Sébastien Redon,^a Gwenaëlle Eucat,^{a,b} Martin Ipuý,^a Erwann Jeanneau,^c Isabelle Gautier-Luneau,^b
5 Alain Ibanez,^b Chantal Andraud^{*,a} and Yann Bretonnière^{*,a}

6 ^a Univ Lyon, ENS de Lyon, CNRS UMR 5182, Université Lyon 1, Laboratoire de Chimie, F-69342
7 Lyon (France).

8 ^b Univ. Grenoble Alpes, Institut Néel, F-38042 Grenoble (France).

9 CNRS, Institut Néel, F-38042 Grenoble (France).

10 Institute of Engineering, Univ. Grenoble Alpes

11 ^c Centre de Diffractométrie Henri Longchambon, Université Lyon I, 43 boulevard du 11 Novembre
12 1918, F-69622 Villeurbanne Cedex (France).

13 chantal.andraud@ens-lyon.fr / yann.bretonniere@ens-lyon.fr

14 **RECEIVED DATE (to be automatically inserted after your manuscript is accepted if required**
15 **according to the journal that you are submitting your paper to)**

16 **Abstract**

17 Series of solid-state emitters based on the D- π -A dipolar structure and featuring various electron-donor
18 and electron-acceptor groups were designed, and their spectroscopic properties studied. From weak

Download English Version:

<https://daneshyari.com/en/article/6598498>

Download Persian Version:

<https://daneshyari.com/article/6598498>

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