# **Supplementary Material**

# Synthesis and spectroscopic properties of a series of novel 2-aryl-3-phenyl-2,3-dihydro-4*H*-1,3benzothiazin-4-ones

Lee J. Silverberg,<sup>\*a</sup> Carlos Pacheco,<sup>b</sup> Anthony Lagalante,<sup>c</sup> John Tierney,<sup>d</sup> Joshua T. Bachert,<sup>a</sup> J. Austin Bayliff,<sup>a</sup> Ryan V. Bendinsky,<sup>a</sup> Aaron S. Cali,<sup>a</sup> Liuxi Chen,<sup>a</sup> Avril D. Cooper,<sup>a</sup> Michael J. Minehan,<sup>a</sup> Caitlin R. Mroz,<sup>a</sup> Duncan J. Noble,<sup>a</sup> Alexander K. Weisbeck,<sup>a</sup> Yiwen Xie,<sup>a</sup> and Ziwei Yang<sup>a</sup>

<sup>a</sup> Pennsylvania State University, Schuylkill Campus, 200 University Drive, Schuylkill Haven, PA, USA 17972
<sup>b</sup> Pennsylvania State University, University Park Campus, 104 Chemistry Building, Room 14, University Park, PA, USA 16802
<sup>c</sup> Villanova University, Department of Chemistry, Mendel Science Center, 800 Lancaster Avenue, Villanova, PA, USA 19085
<sup>d</sup> Pennsylvania State University, Brandywine Campus, 25 Yearsley Mill Road, Media, PA, USA 19063
*E-mail:* <u>ljs43@psu.edu</u>

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### **General Papers**



## Figure S2. <sup>1</sup>H NMR spectrum of 1b.









## **Figure S5.** <sup>1</sup>H NMR spectrum of **1e**.













## Figure S8. <sup>1</sup>H NMR spectrum of 1h.

### Figure S9. <sup>1</sup>H NMR spectrum of 1i.







### **Figure S11.** <sup>1</sup>H NMR spectrum of **1**k.



### Figure S12. <sup>1</sup>H NMR spectrum of 11.







### Figure S14. <sup>1</sup>H NMR spectrum of 1n.





### Figure S15. <sup>13</sup>C NMR spectrum of 1a.

### Figure S16. <sup>13</sup>C NMR spectrum of 1b.



























### Figure S24. <sup>13</sup>C NMR spectrum of 1j.





### Figure S25. <sup>13</sup>C NMR spectrum of 1k.

### Figure S26. <sup>13</sup>C NMR spectrum of 11.



### Figure S27. <sup>13</sup>C NMR spectrum of 1m.











### Figure S30. FTIR spectrum of 1b.



Figure S31. FTIR spectrum of 1c.



### Figure S32. FTIR spectrum of 1d.



### Figure S33. FTIR spectrum of 1e.



### Figure S34. FTIR spectrum of 1f.



Figure S35. FTIR spectrum of 1g.



Figure S36. FTIR spectrum of 1h.



Figure S37. FTIR spectrum of 1i.



Figure S38. FTIR spectrum of 1j.



### Figure S39. FTIR spectrum of 1k.



Figure S40. FTIR spectrum of 11.



### Figure S41. FTIR spectrum of 1m.





