#### Manuscript title: A one-pot synthesis of 7-phenylindolo[3,2-a]carbazoles from indoles and

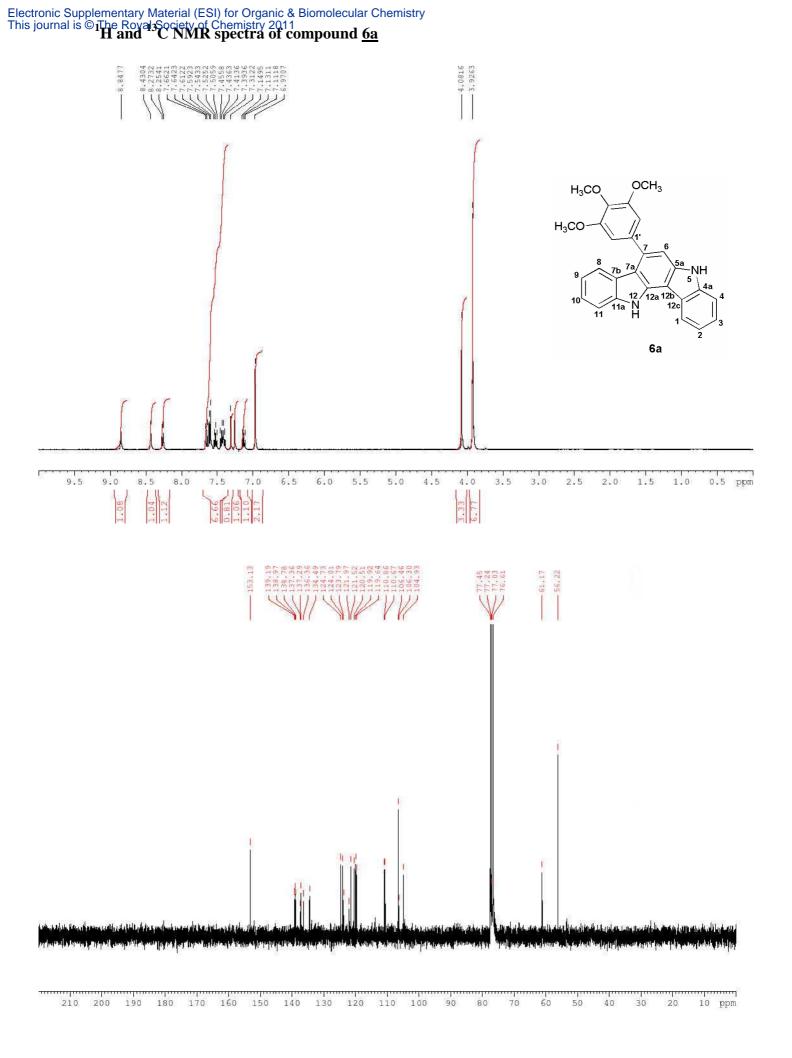
#### $\beta$ -nitrostyrenes, *via* an unprecedented reaction sequence.

<u>Authors</u>: Grégory Dupeyre,<sup>a</sup> Pascale Lemoine,<sup>b</sup> Nabila Ainseba,<sup>a</sup> Sylvie Michel<sup>a</sup> and Xavier

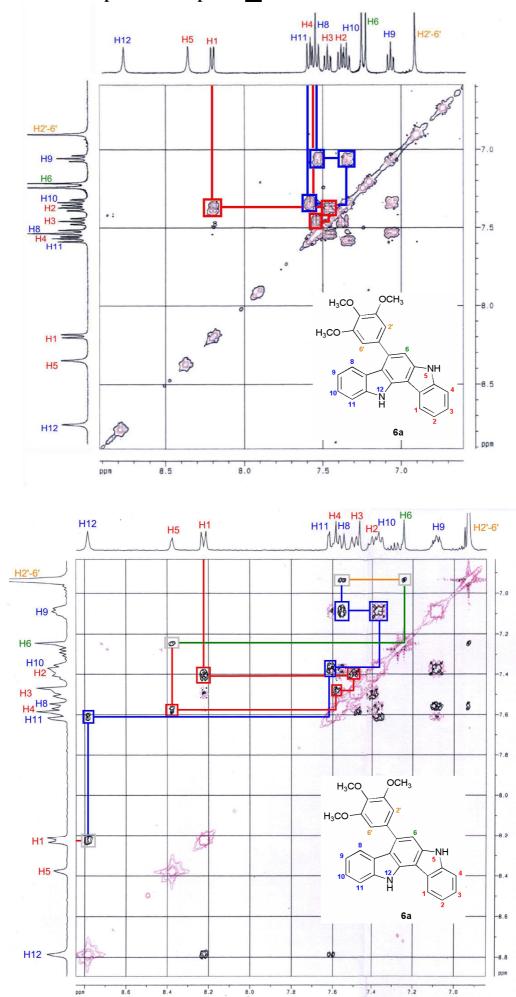
Cachet\*a

Contents (S1 to S20 are the page numbers)

- S1 Title, authors and description of Supporting information content.
- S2 <sup>1</sup>H and <sup>13</sup>C NMR spectra of compound **6a**
- S3 COSY and NOESY spectra of compound 6a
- S4 <sup>1</sup>H and <sup>13</sup>C NMR spectra of compound **6b**
- S5  $^{1}$ H and  $^{13}$ C NMR spectra of compound **6**c
- S6  ${}^{1}$ H and  ${}^{13}$ C NMR spectra of compound **6d**
- S7  ${}^{1}$ H and  ${}^{13}$ C NMR spectra of compound **6e**
- S8 <sup>1</sup>H and <sup>13</sup>C NMR spectra of compound **6f**
- S9  $^{1}$ H and  $^{13}$ C NMR spectra of compound **6g**
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- S15  ${}^{1}$ H and  ${}^{13}$ C NMR spectra of compound 5
- S16  ${}^{1}$ H and  ${}^{13}$ C NMR spectra of compound 12
- S17 HMQC and HMBC spectra of compound  ${\bf 12}$
- S18  ${}^{1}$ H and  ${}^{13}$ C NMR spectra of compound 7
- S19  ${}^{1}$ H and  ${}^{13}$ C NMR spectra of compound 11
- S20 <sup>1</sup>H and <sup>13</sup>C NMR spectra of **2-Amino-4,5-dimethoxybenzoic acid**



# Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry This journal is © The Royal Society of Chemistry 2011 COSY and NOESY spectra of compound <u>6a</u>



7.6

7.4

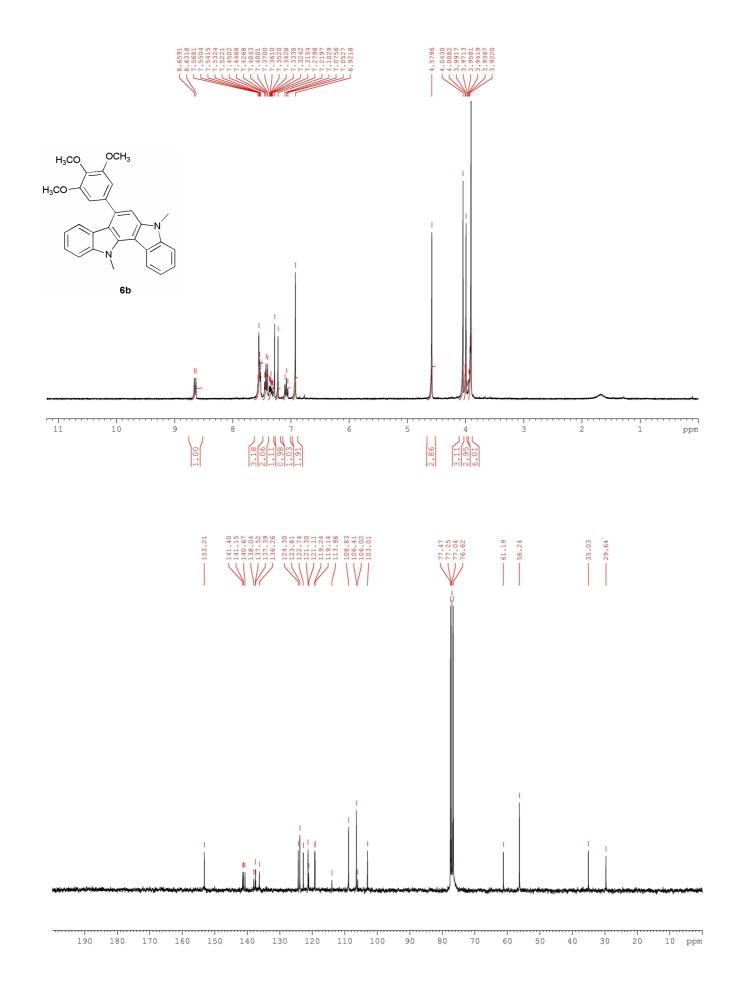
7.2

8.0

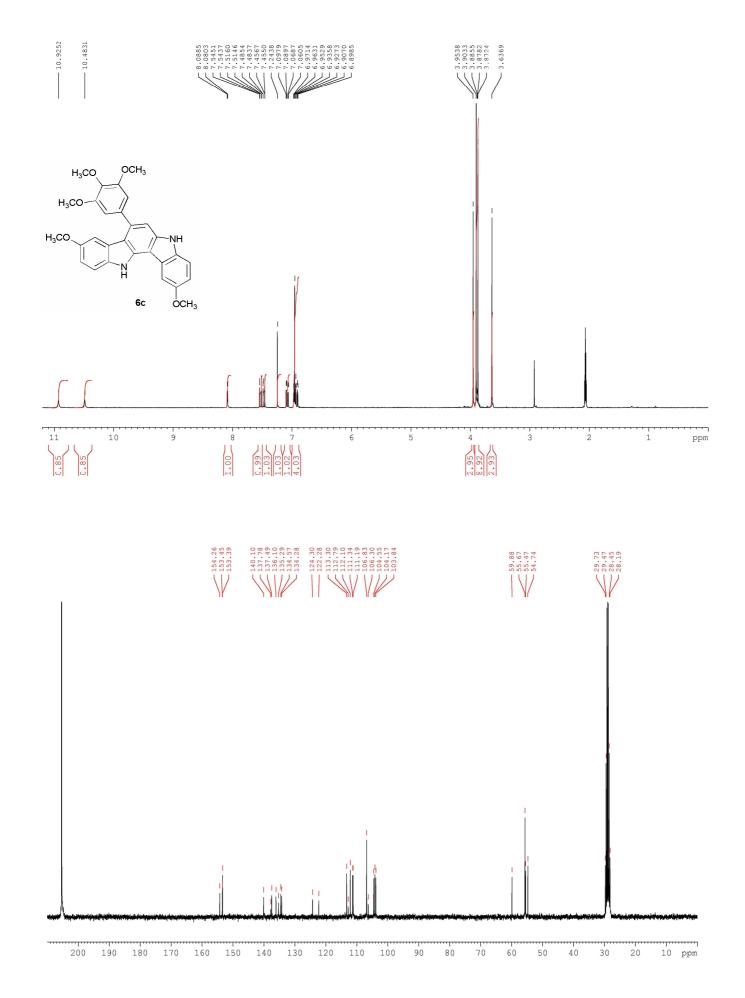
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8.4

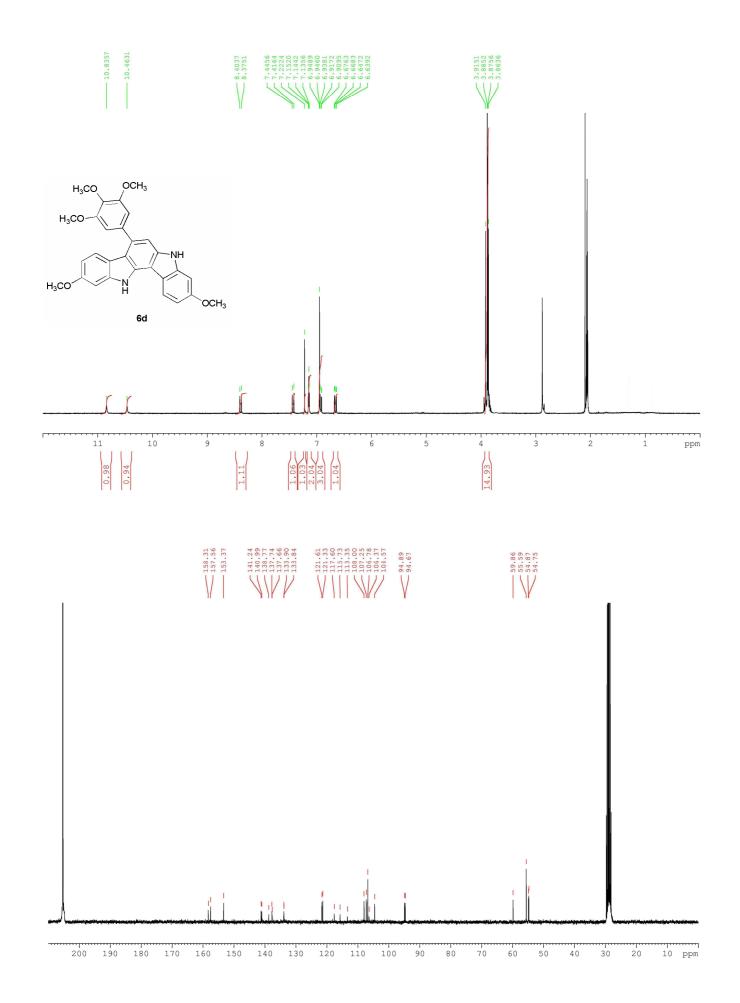
## Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry This journal is $^{\circ}$ The Royal Society of Chemistry 2011 H and C NMR spectra of compound <u>6b</u>



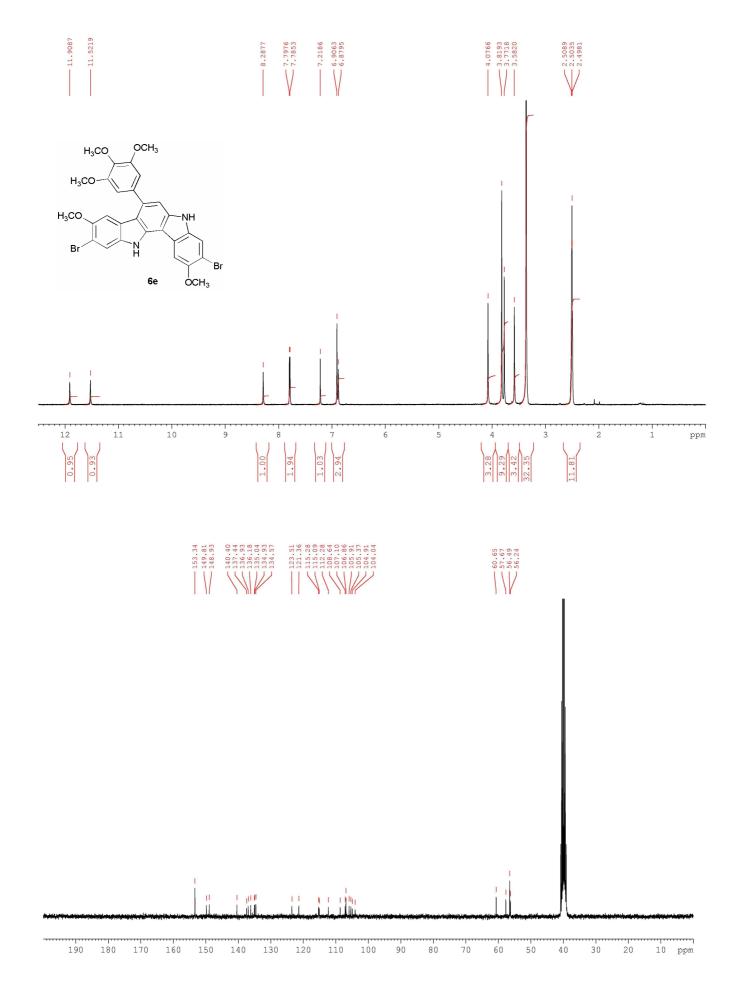
## Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry This journal is $^{\circ}$ The Royal Society of Chemistry 2011 H and C NMR spectra of compound <u>6c</u>



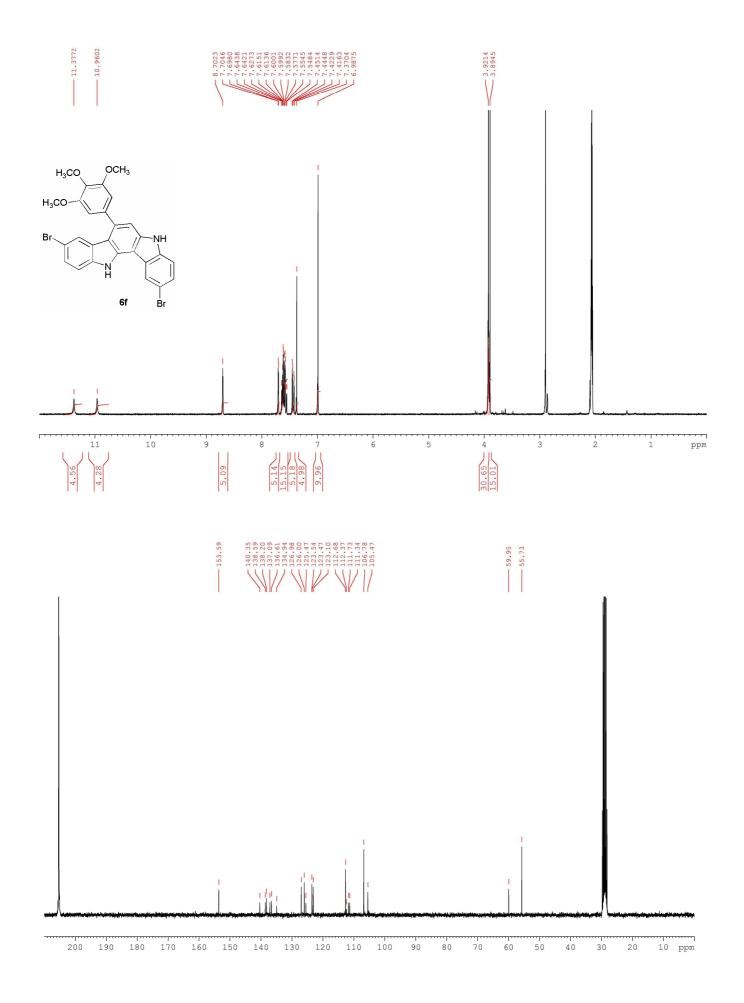
## Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry This journal is $^{\circ}$ The Royal Society of Chemistry 2011 H and C NMR spectra of compound <u>6d</u>



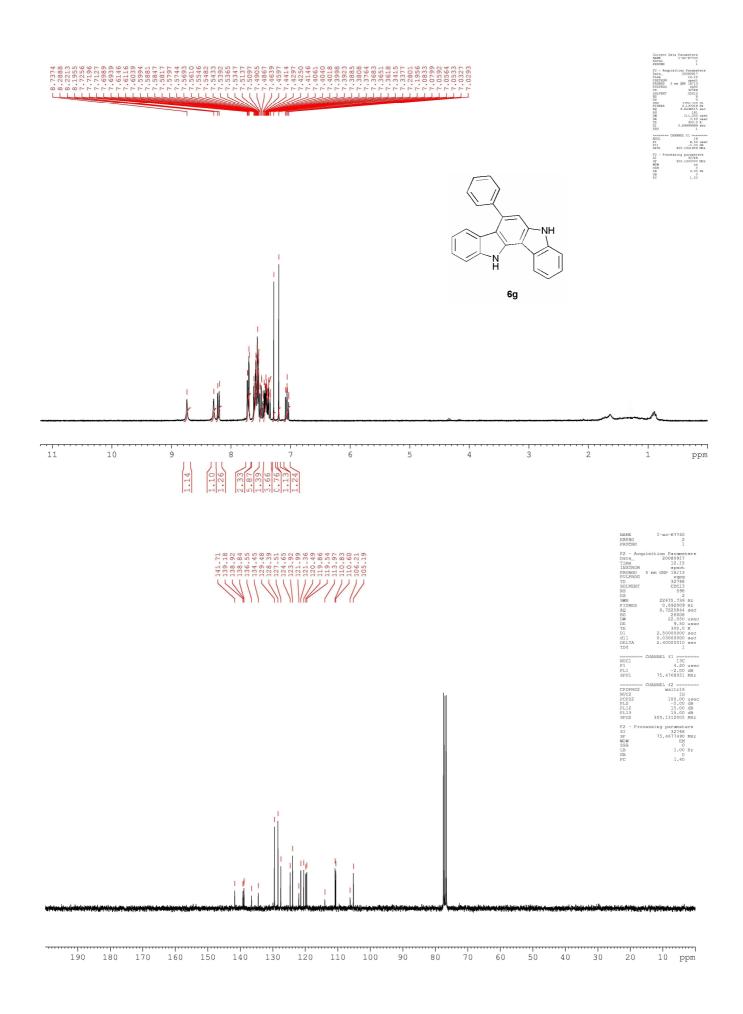
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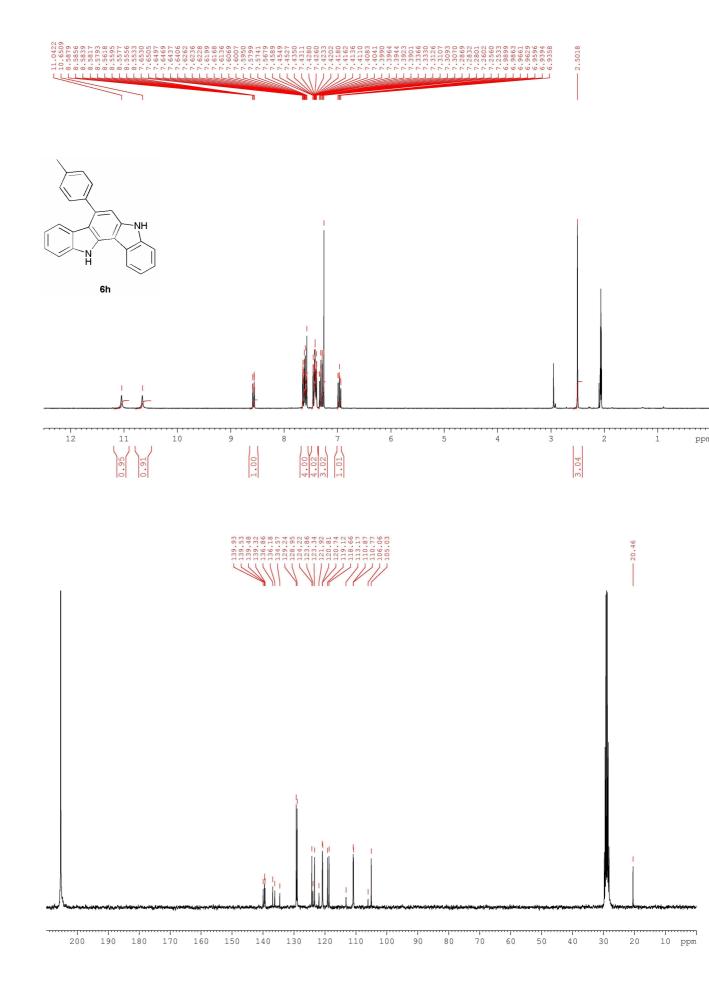


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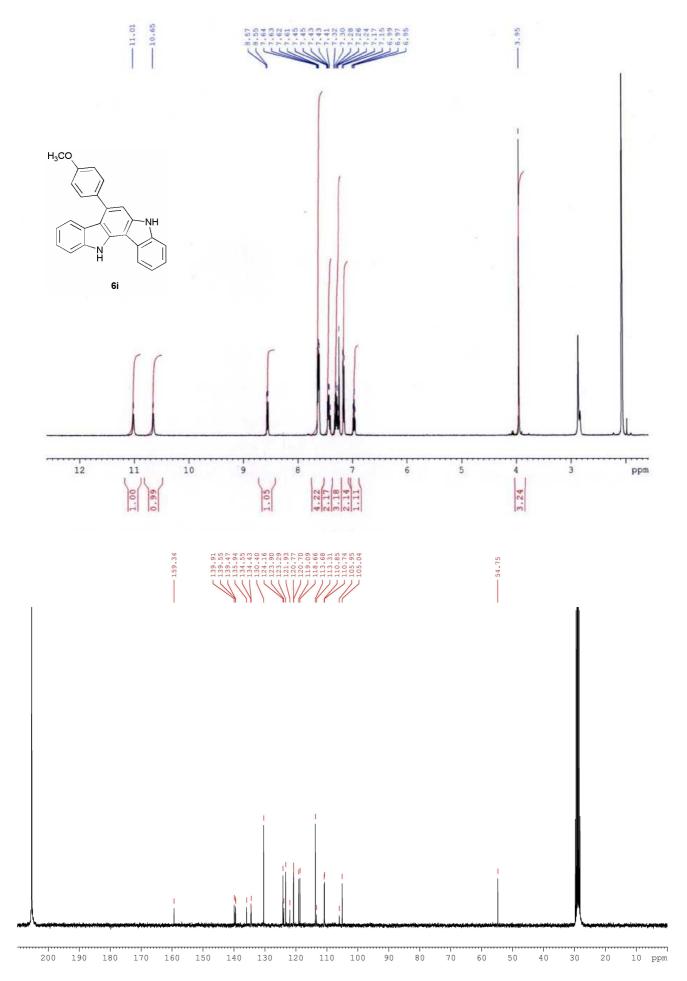


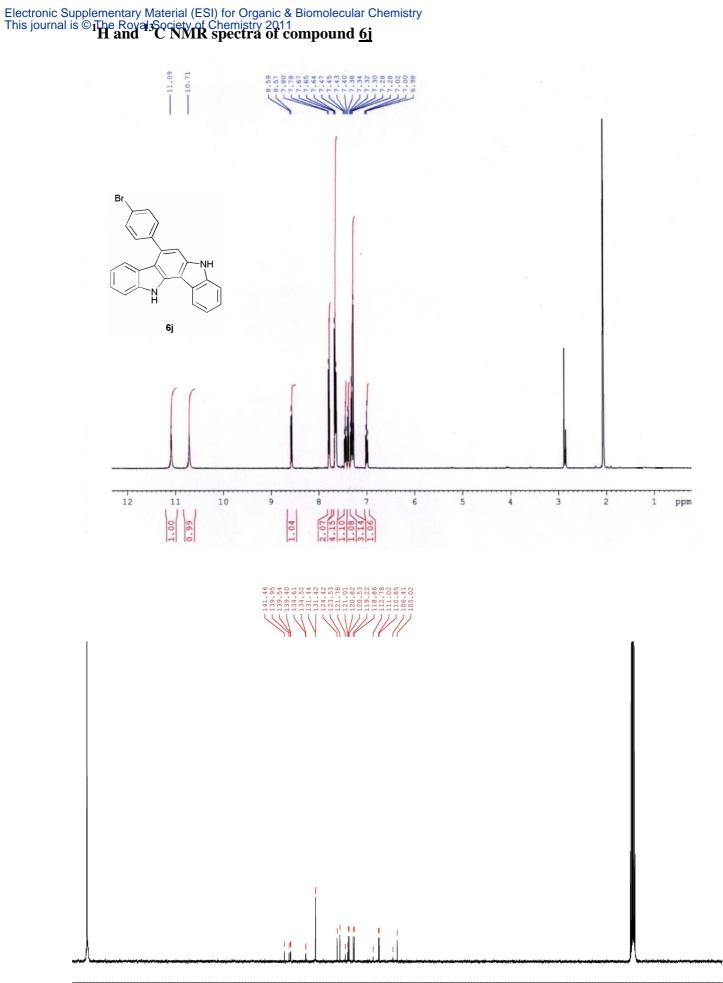
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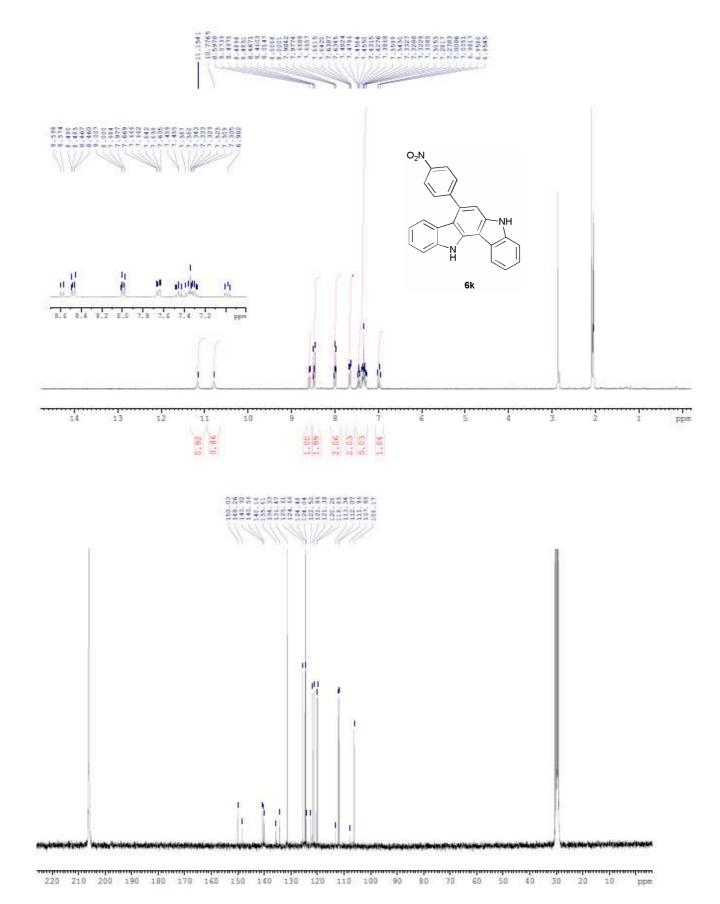
# Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry This journal is a The Royal Society of Chemistry 2011 H and C NMR spectra of compound $\underline{6i}$



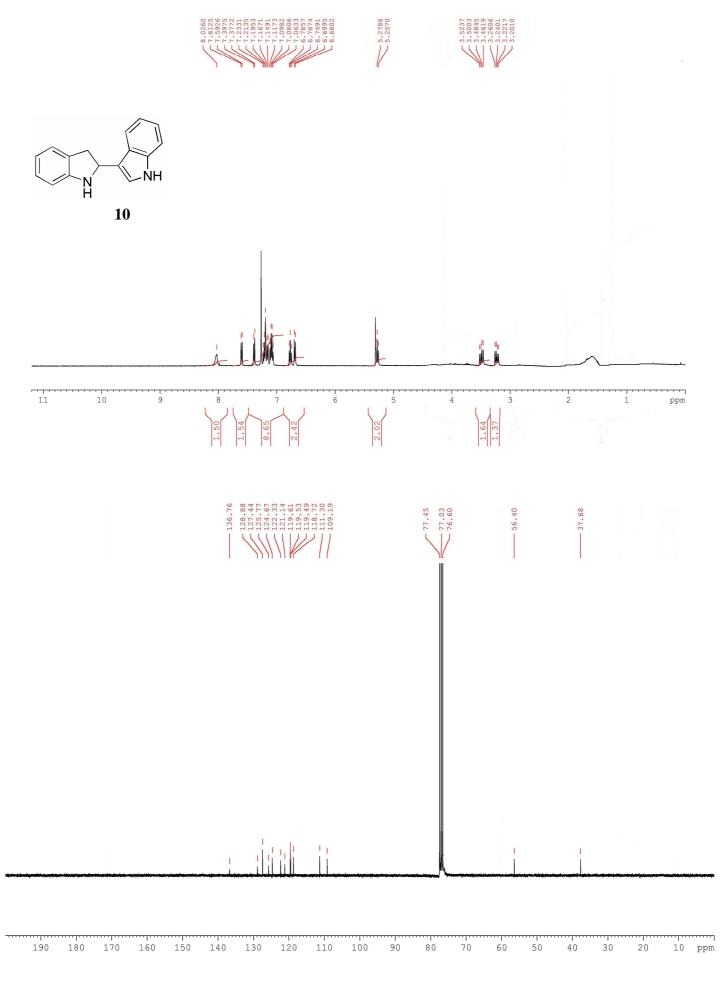


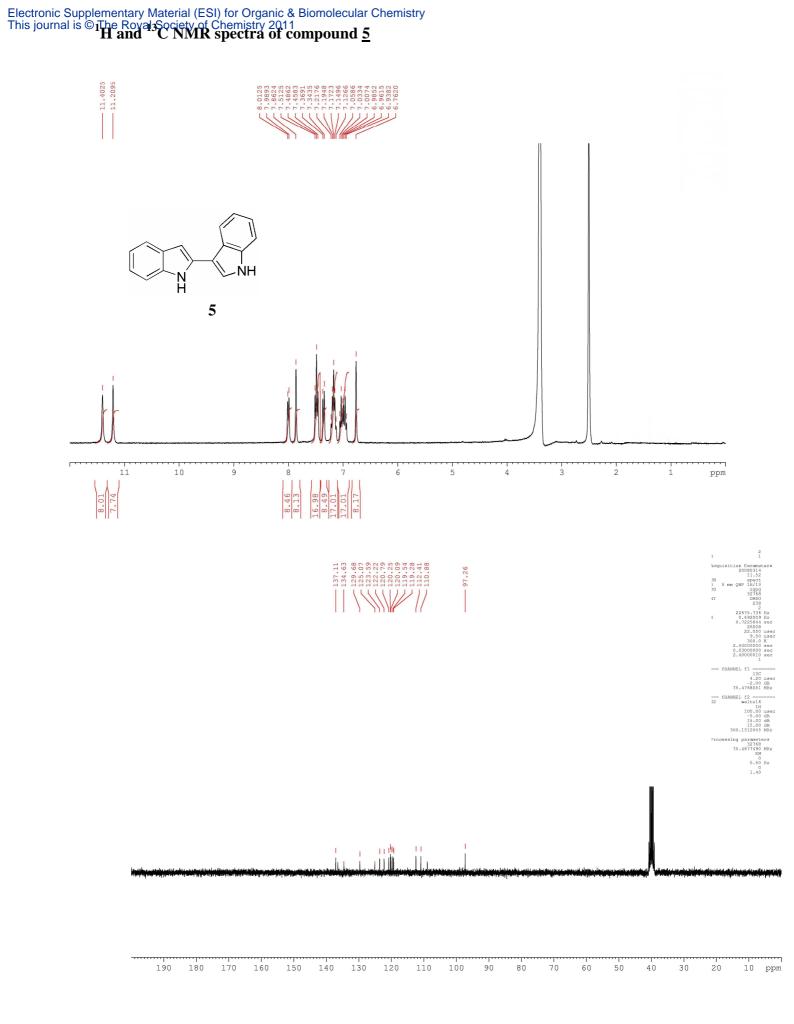
10 ppm

#### Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry This journal is ©<sub>1</sub>The Royal Society of Chemistry 2011 **H and C NMR spectra of compound** <u>6k</u>

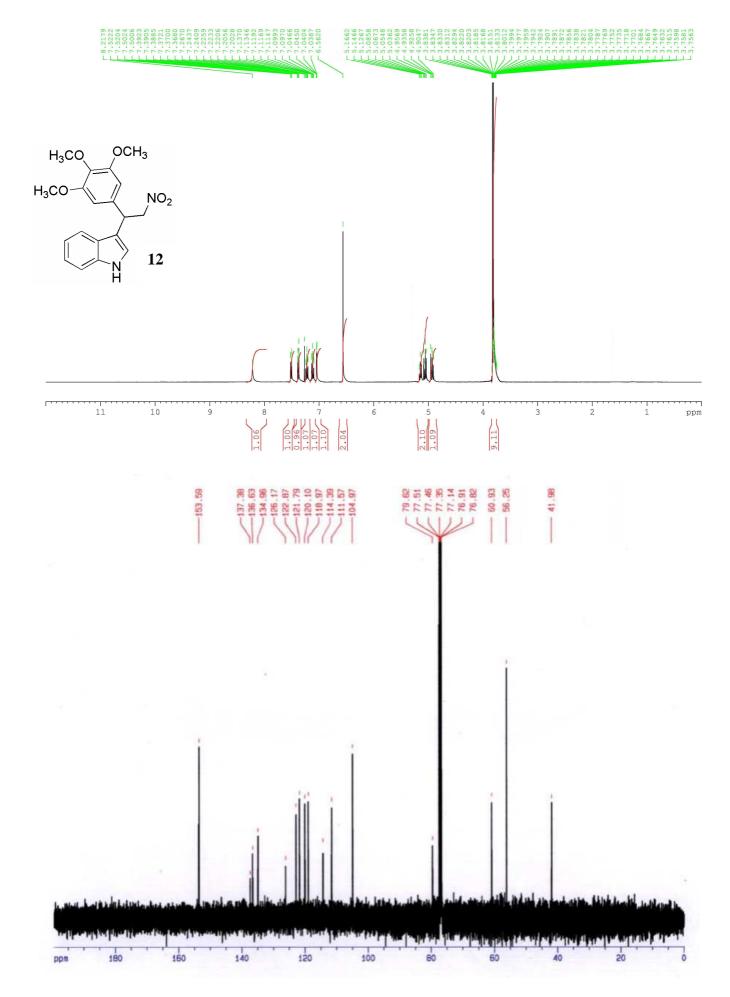




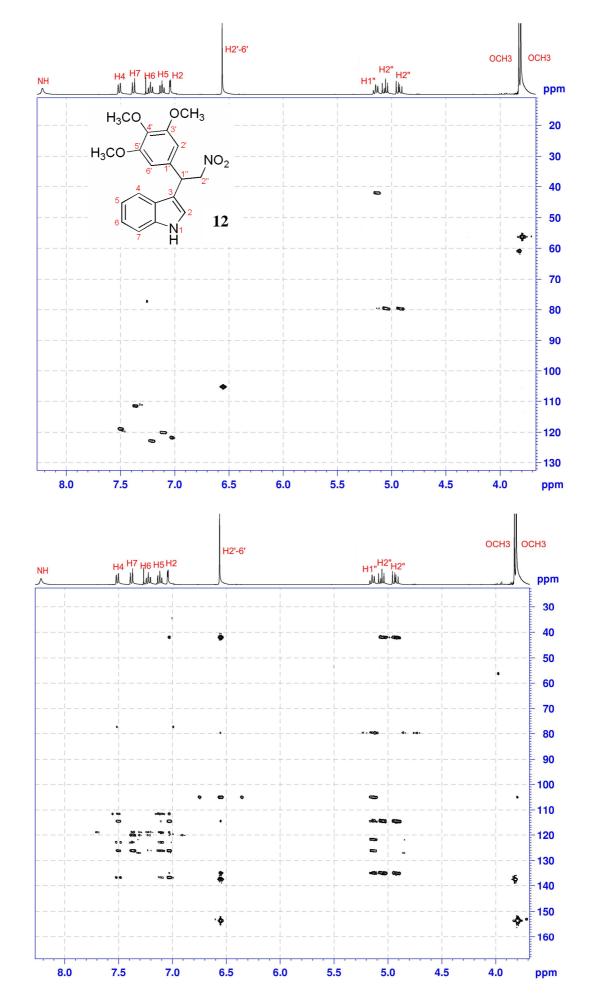




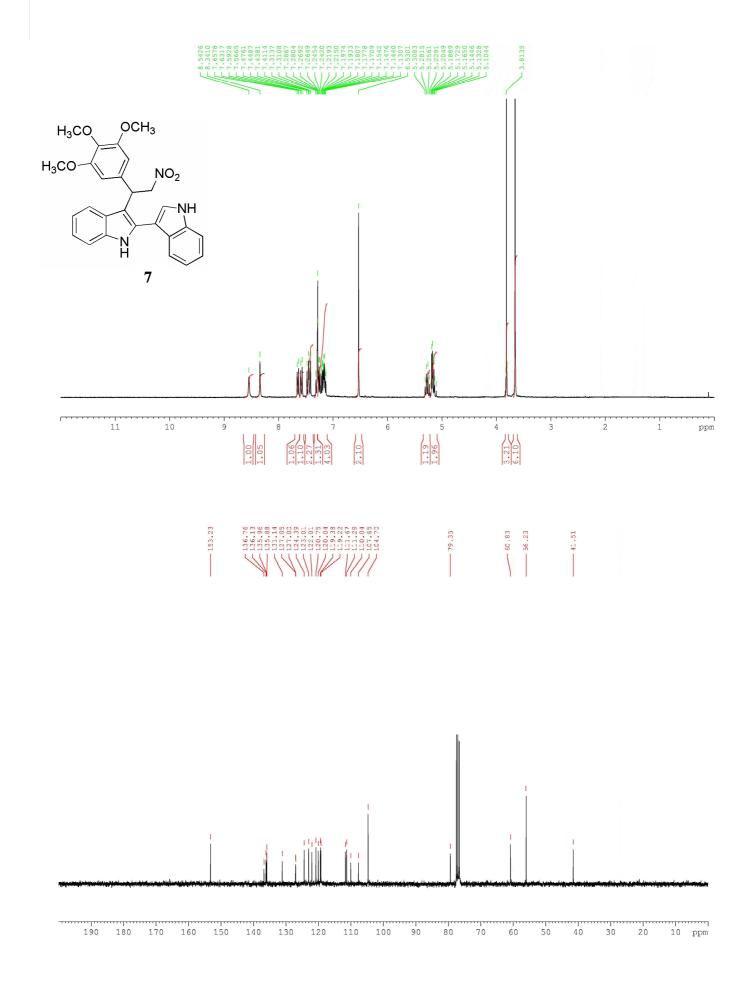
## Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry This journal is $^{\circ}$ The Royal Society of Chemistry 2011 H and C NMR spectra of compound <u>12</u>



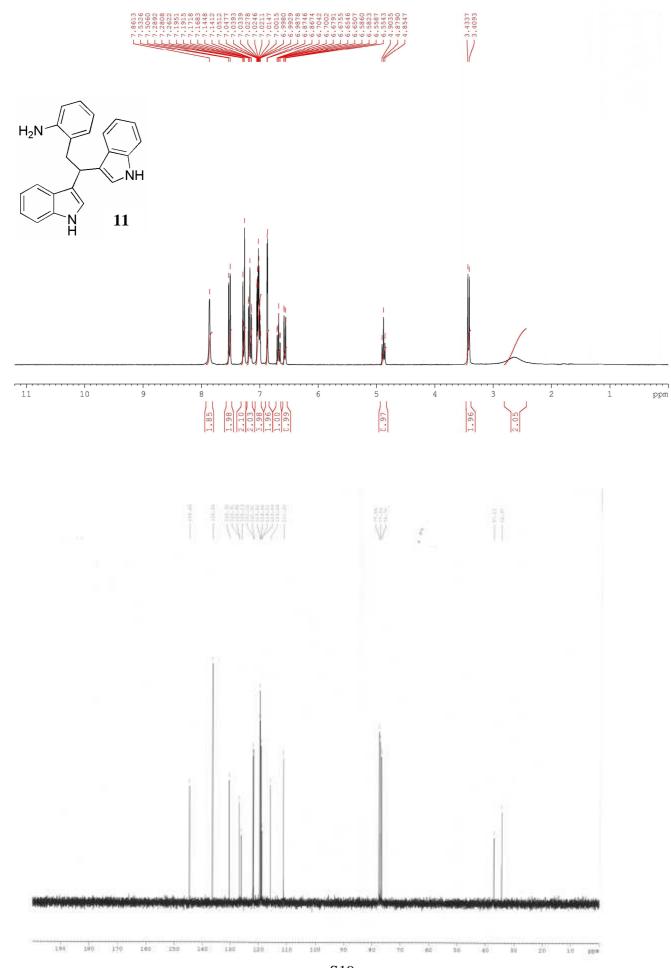
#### Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry This journal is © The Royal Society of Chemistry 2011 HMQC and HMBC spectra of compound <u>12</u>







## Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry This journal is $^{\circ}$ The Royal Society of Chemistry 2011 H and C NMR spectra of compound <u>11</u>



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