

**Supplementary Material to “Synthesis of novel 1,4-dihydro-1,2,4,5-tetraarylpyrrolo[3,2-*b*]pyrroles derivatives catalyzed by NbCl<sub>5</sub> and application in dye sensitized solar cells”**

**Table S1** - Dye adsorption concentration in TiO<sub>2</sub> over time.

<b>Compound</b>	<b>Immersion time (h)</b>	<b>Concentration (mol L<sup>-1</sup>)</b>
<b>4a</b>	1	9,5 x 10 <sup>-5</sup>
<b>4a</b>	2	1,2 x 10 <sup>-4</sup>
<b>4a</b>	24	1,1 x 10 <sup>-4</sup>
<b>5a</b>	1	3,02 x 10 <sup>-5</sup>
<b>5a</b>	2	1,3 x 10 <sup>-4</sup>
<b>5a</b>	24	1,2 x 10 <sup>-4</sup>
<b>4b</b>	1	6,7 x 10 <sup>-5</sup>
<b>4b</b>	2	1,4 x 10 <sup>-4</sup>
<b>4b</b>	24	9,9 x 10 <sup>-5</sup>
<b>5b</b>	1	8,1 x 10 <sup>-5</sup>
<b>5b</b>	2	1,2 x 10 <sup>-4</sup>
<b>5b</b>	24	1,2 x 10 <sup>-4</sup>