

Supporting information for:

## Regioselective synthesis of 5-propyl-2-((trityloxy)methyl)thiophene-3-carbaldehyde

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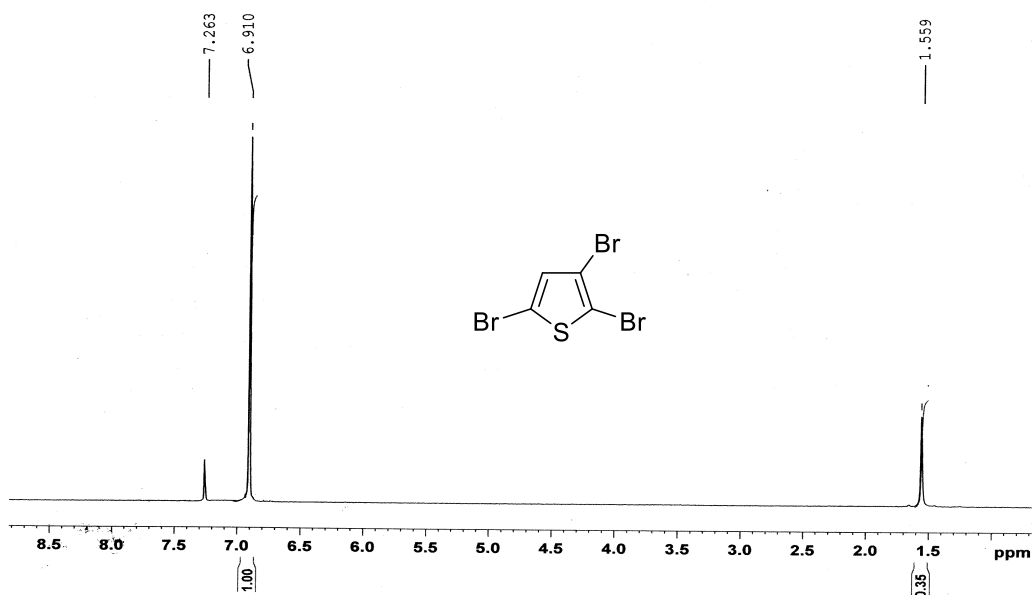


Figure S1: <sup>1</sup>H NMR of compound 2 (200 MHz, CDCl<sub>3</sub>).

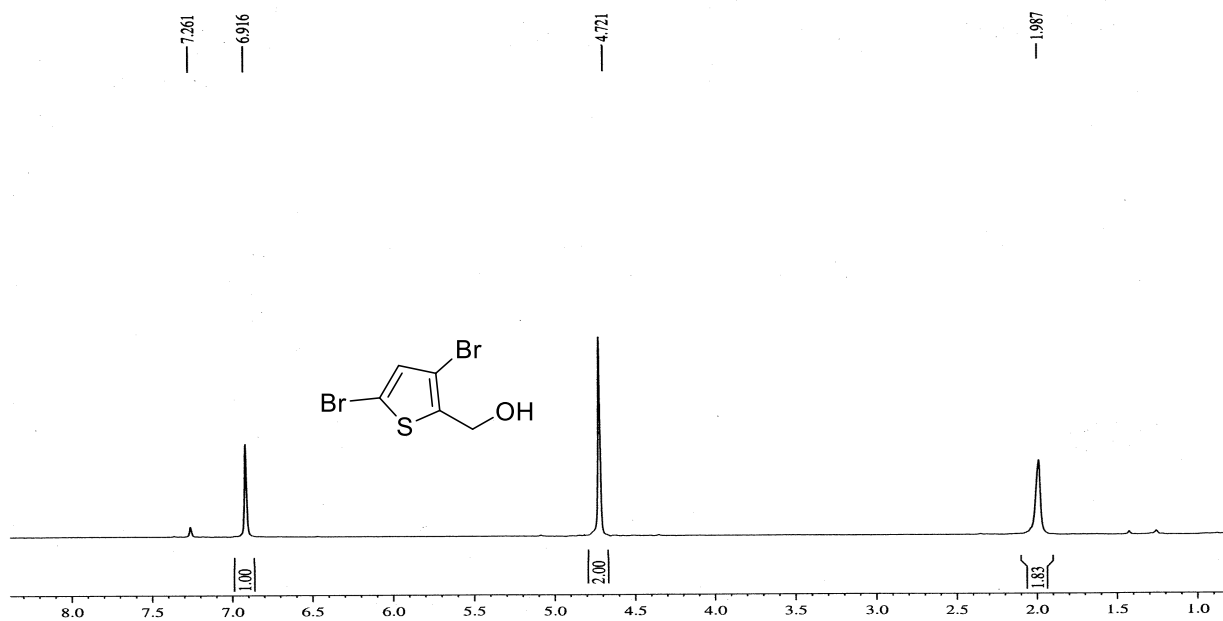


Figure S2: <sup>1</sup>H NMR of compound 3 (200 MHz, CDCl<sub>3</sub>).

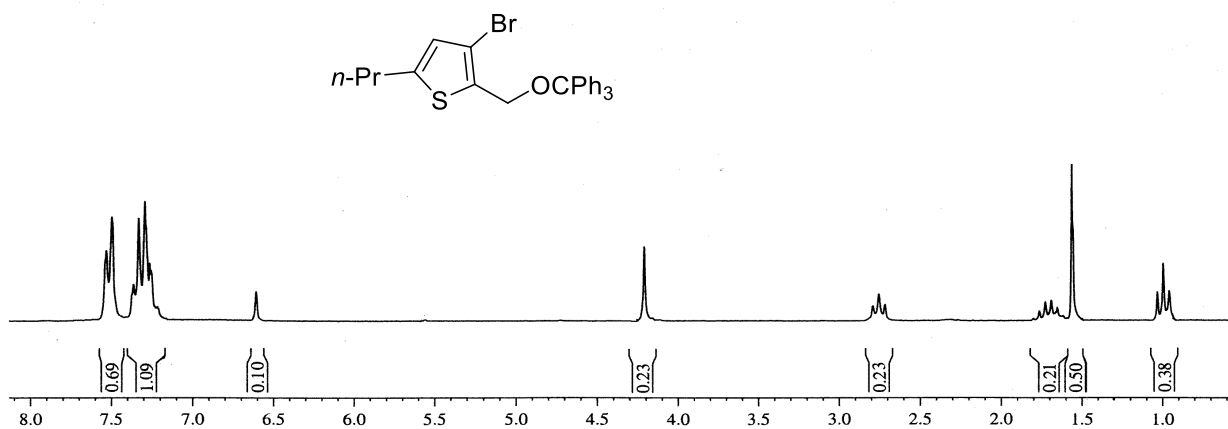


Figure S3: <sup>1</sup>H NMR of compound 5 (200 MHz, CDCl<sub>3</sub>).

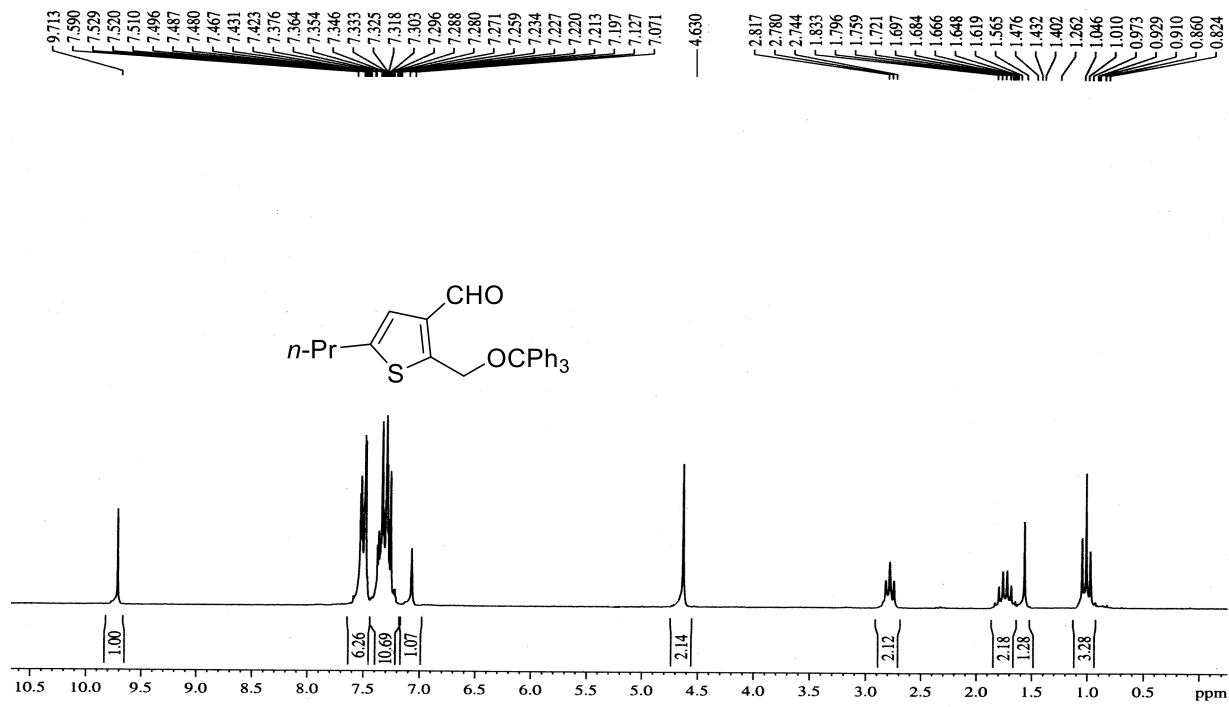


Figure S4: <sup>1</sup>H NMR of compound **1a** (200 MHz, CDCl<sub>3</sub>).

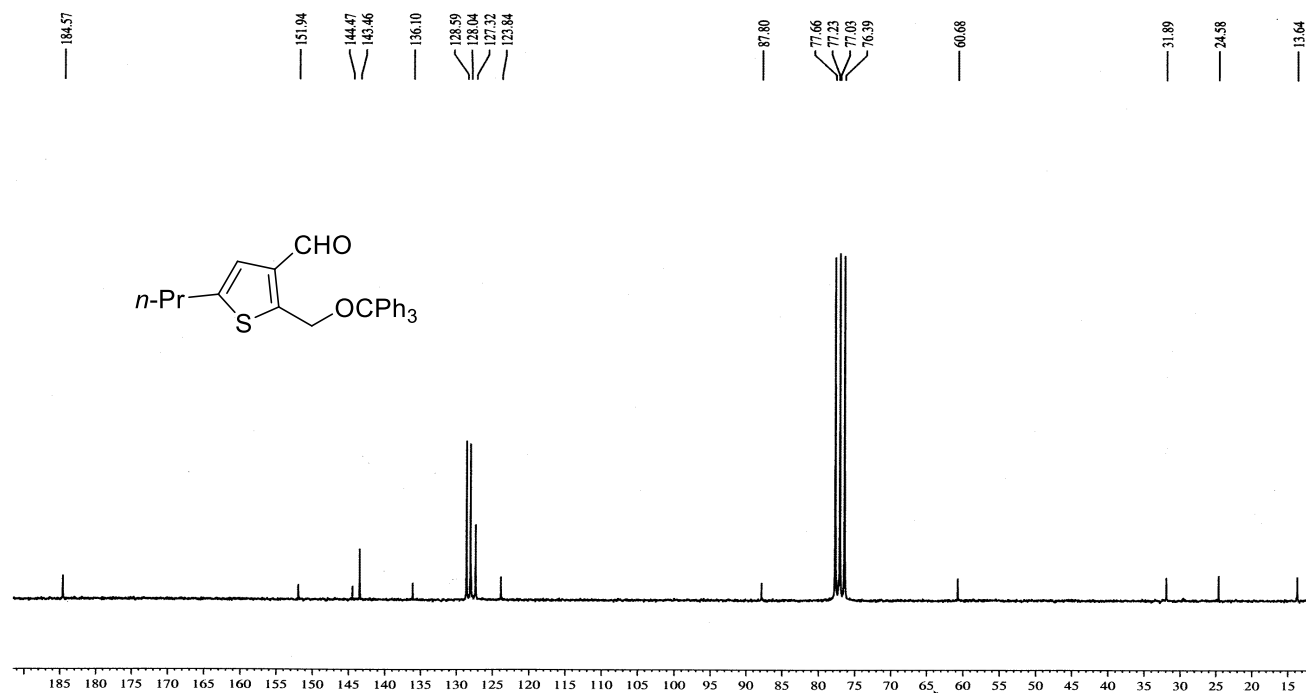


Figure S5: <sup>13</sup>C NMR of compound **1a** (50 MHz, CDCl<sub>3</sub>).