Supporting Information

A Concise Synthesis of 2-(2-Aminothiophene)-benzimidazoles by One Pot Multicomponent Reaction

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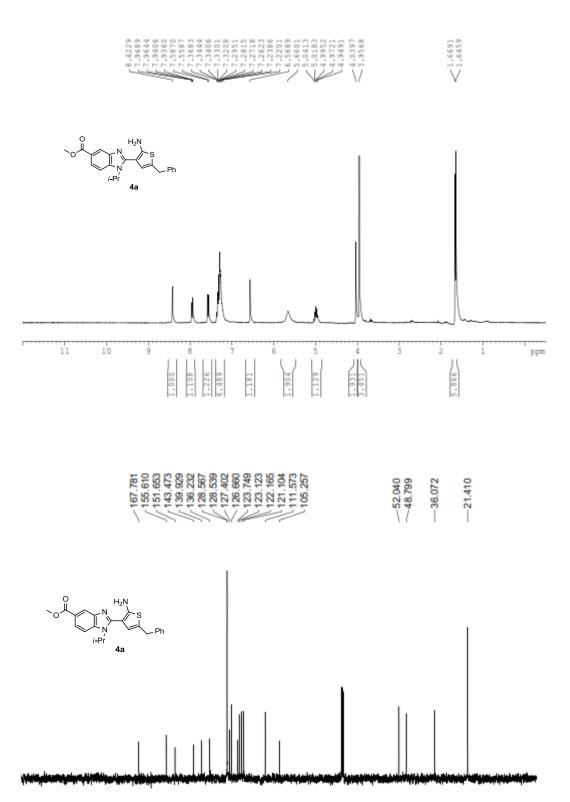
E-mail: cmsun@mail.nctu.edu.tw.

(i) General Experimental Methods.

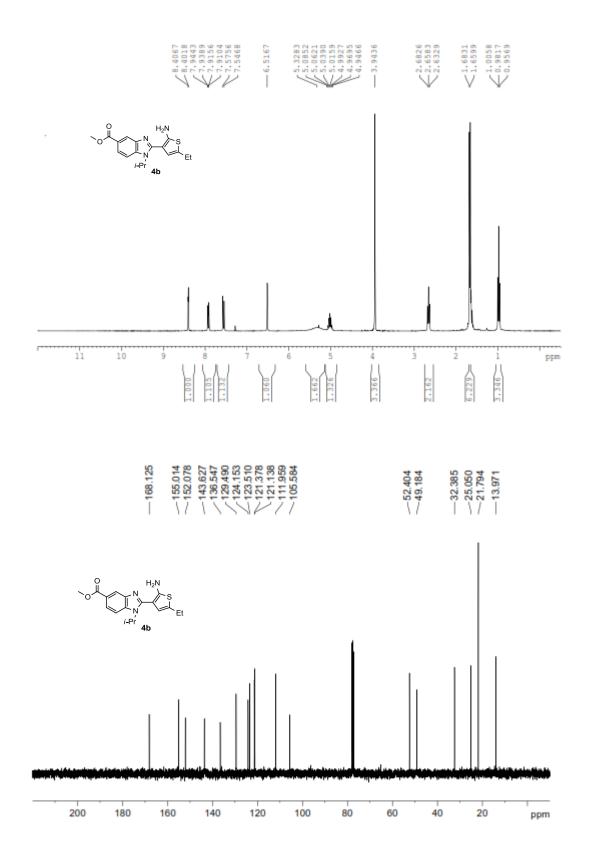
(ii) Copies of ¹H and ¹³C NMR spectra for compounds **4a-4t**.

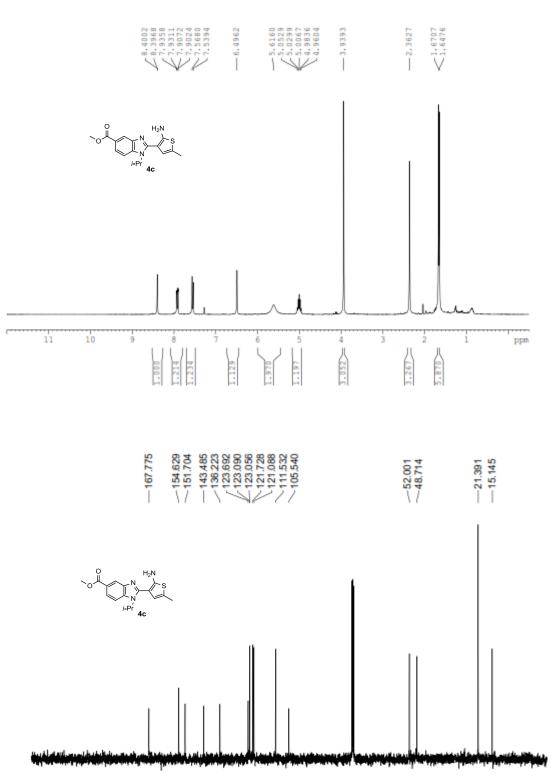
General Experimental Methods:

¹H and ¹³C NMR spectra were obtained on a Bruker DX-300 FTNMR spectrometer. Chemical shifts are expressed in parts per million (δ) relative to, TMS (as an internal standard) signal at δ 0.00 and the central CDCl₃ resonance at δ 77.0 respectively. IR spectra of liquids were recorded as thin films and of solids as KBr pellets on a HORIBA FT-720 FREEXACT-II IR FTIR Spectrometer. HRMS analyses were performed on a JEOL TMS-HX 110 mass spectrometer. Column chromatography was performed on silica gel using mixtures of Hexanes and Ethyl acetate as eluting solvent. Analytical thin-layer chromatography (TLC) was performed with 0.25 mm silica gel-coated Kieselgel 60 F254 plates.



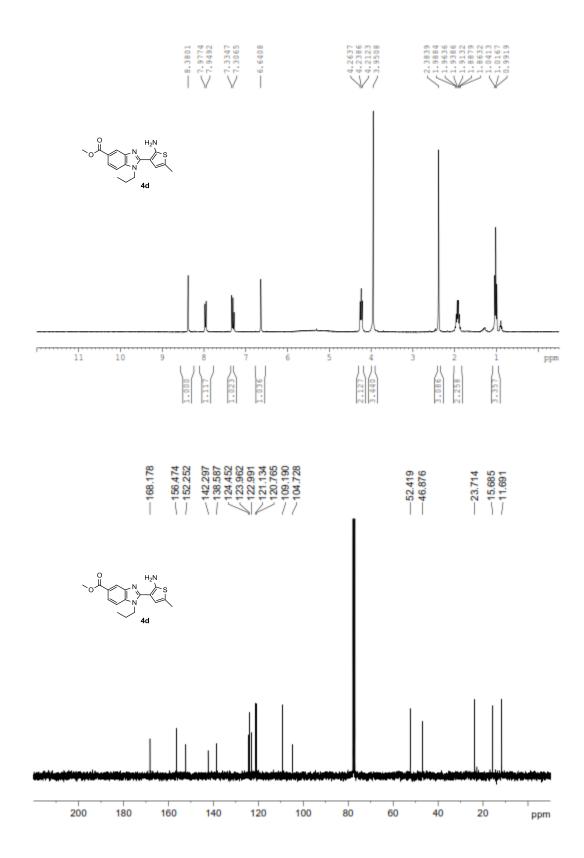
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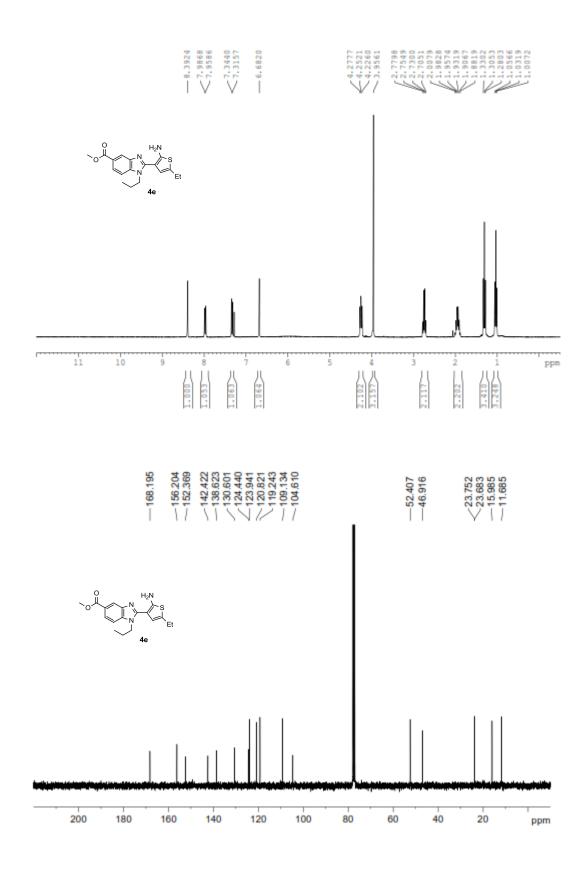


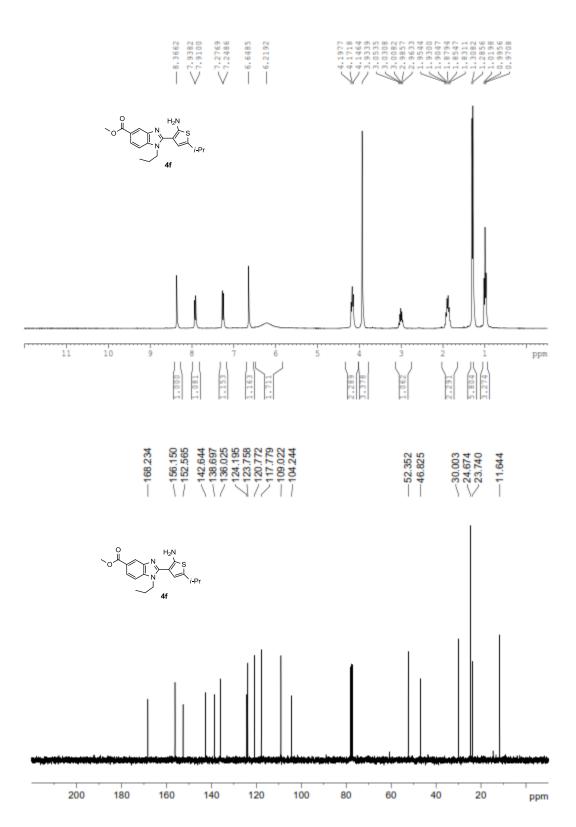


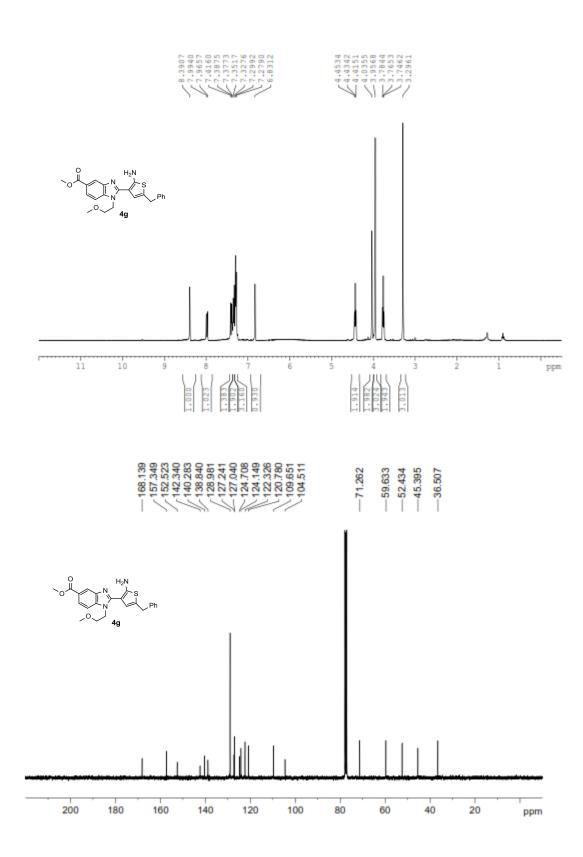
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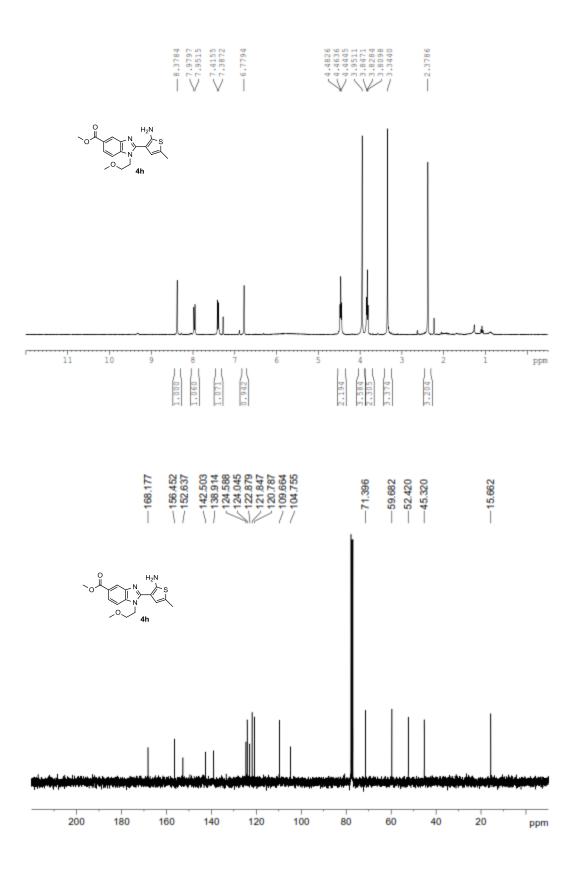
Electronic Supplementary Material (ESI) for RSC Advances This journal is O The Royal Society of Chemistry 2013

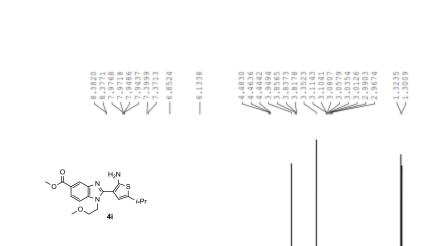


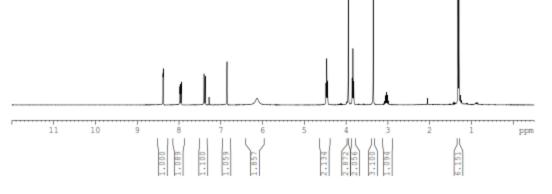




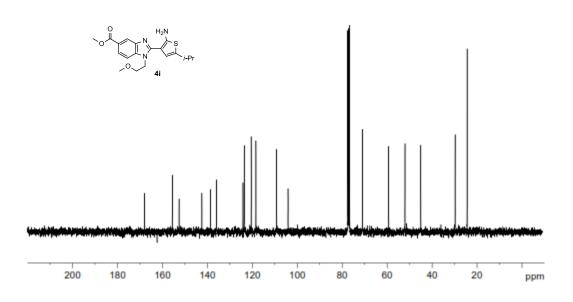


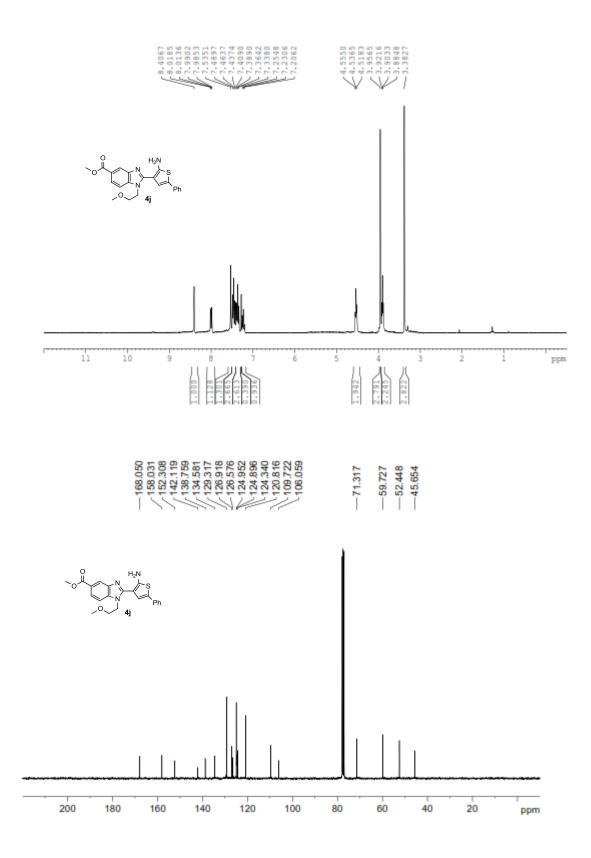


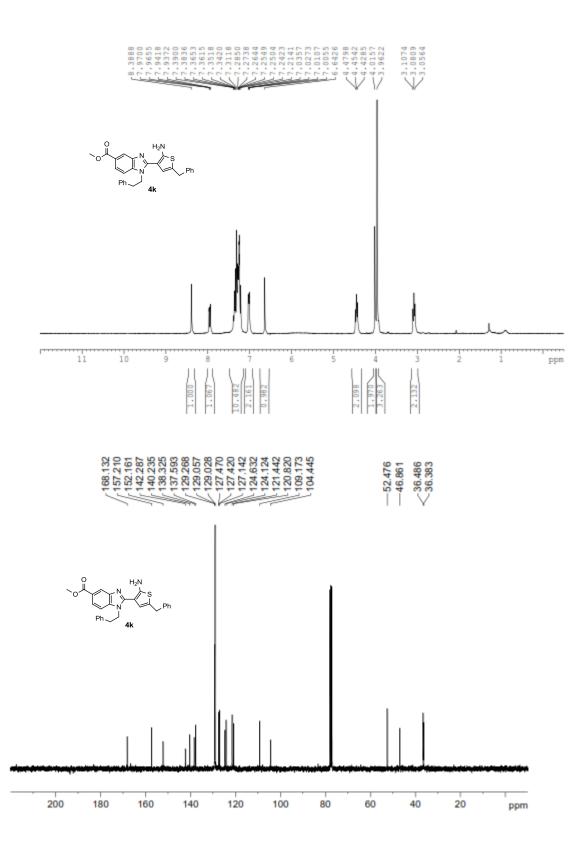


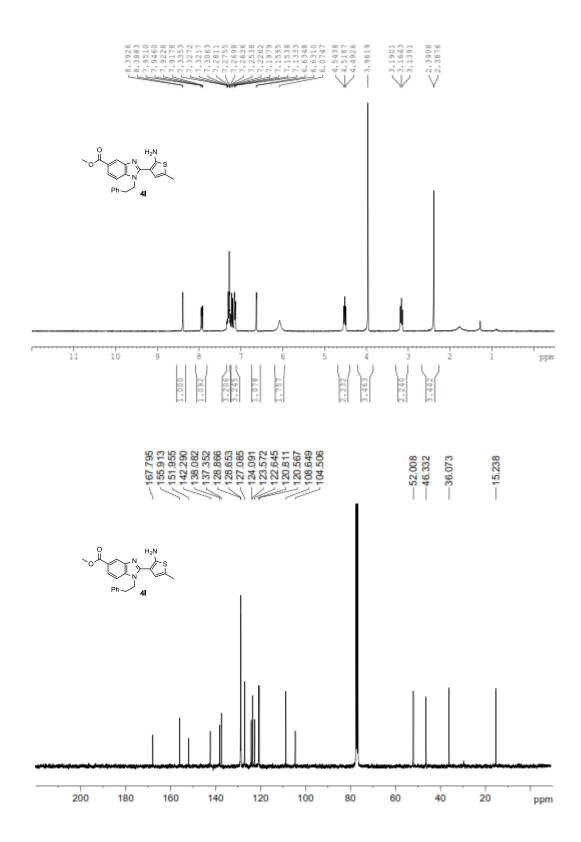


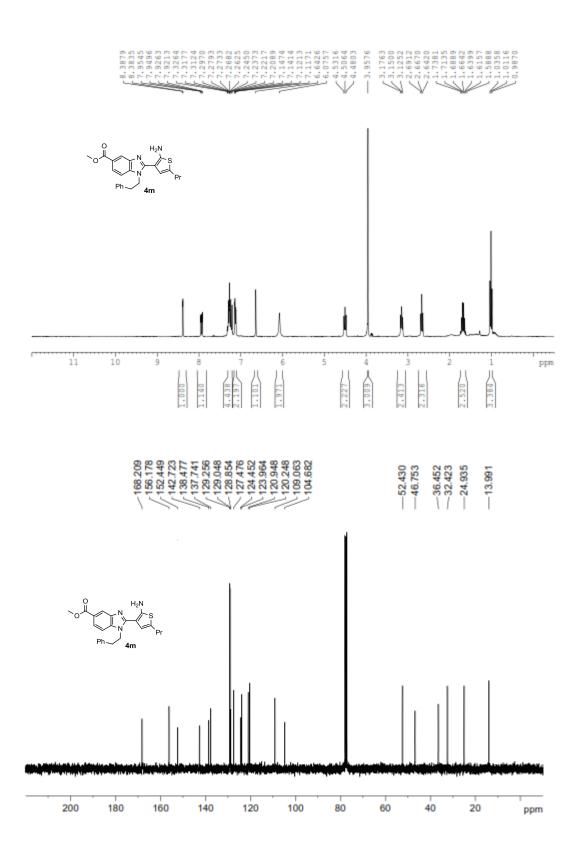


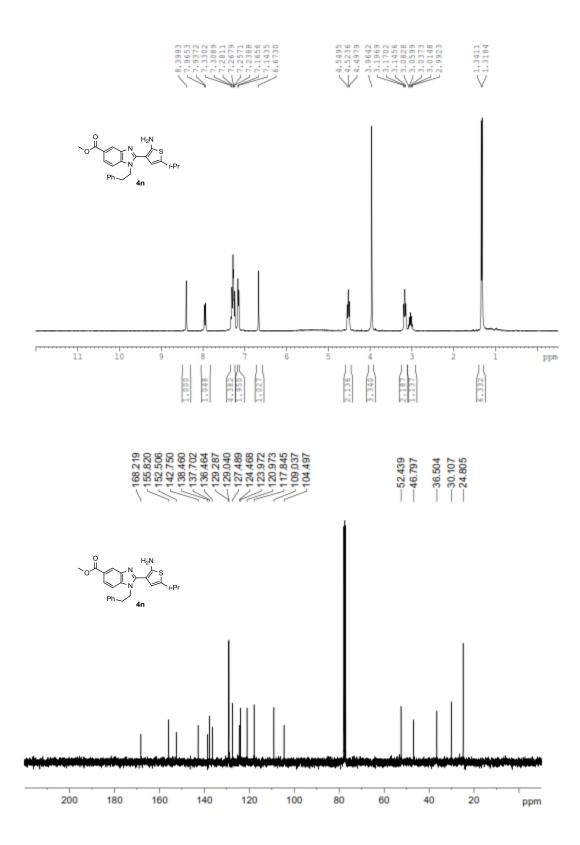


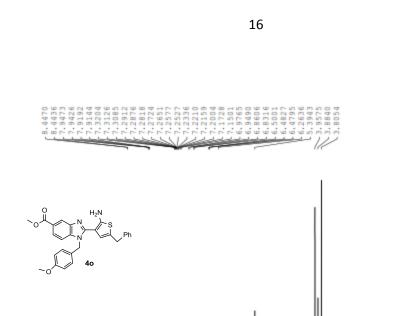


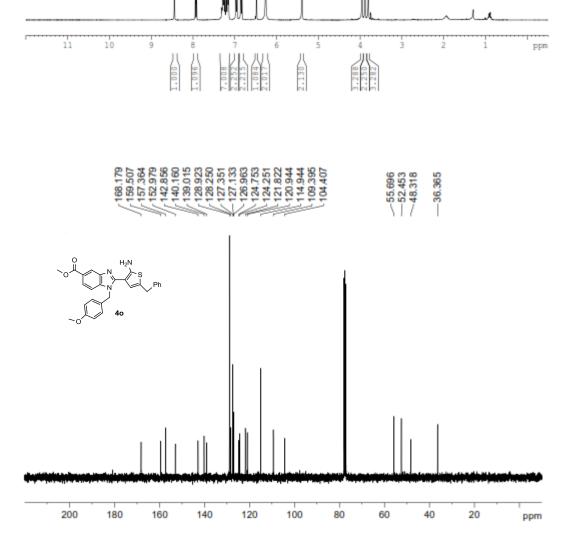


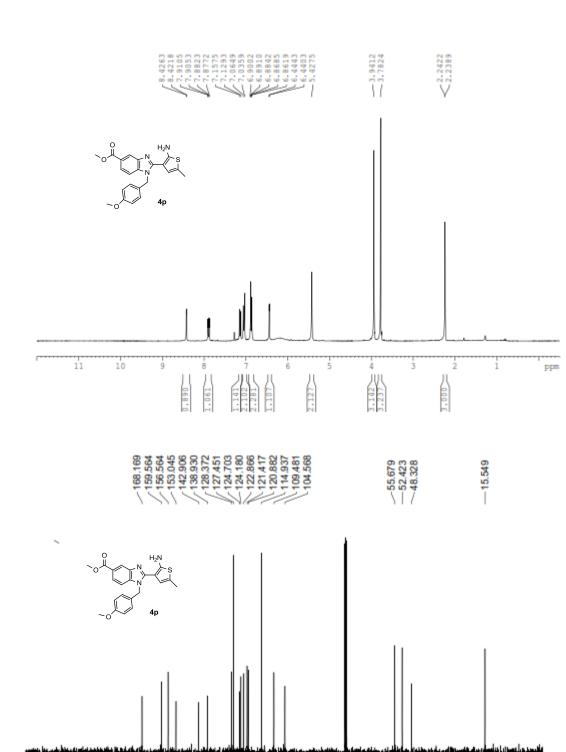












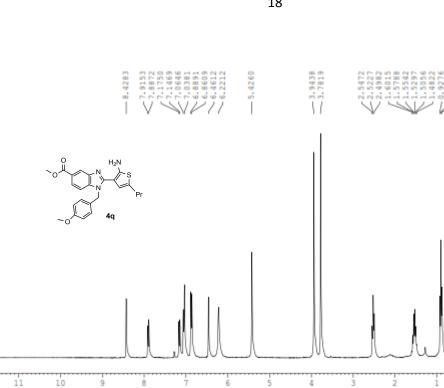
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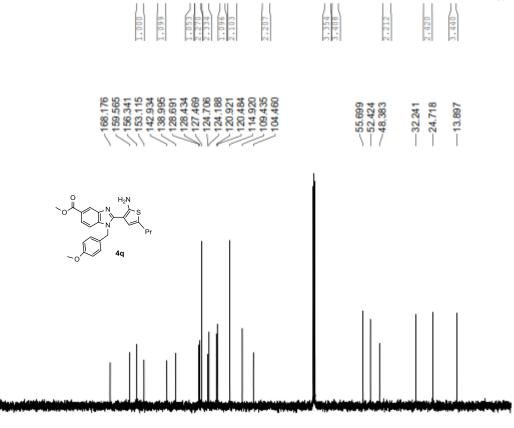
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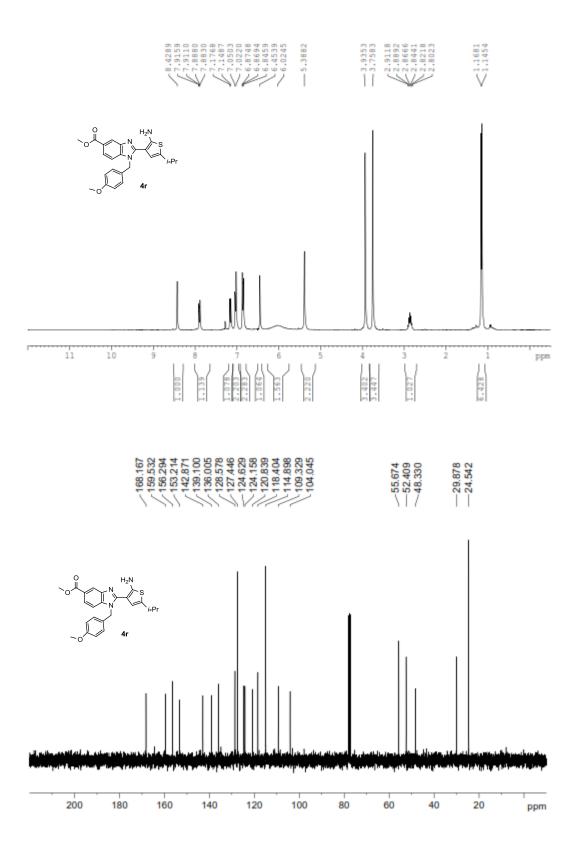


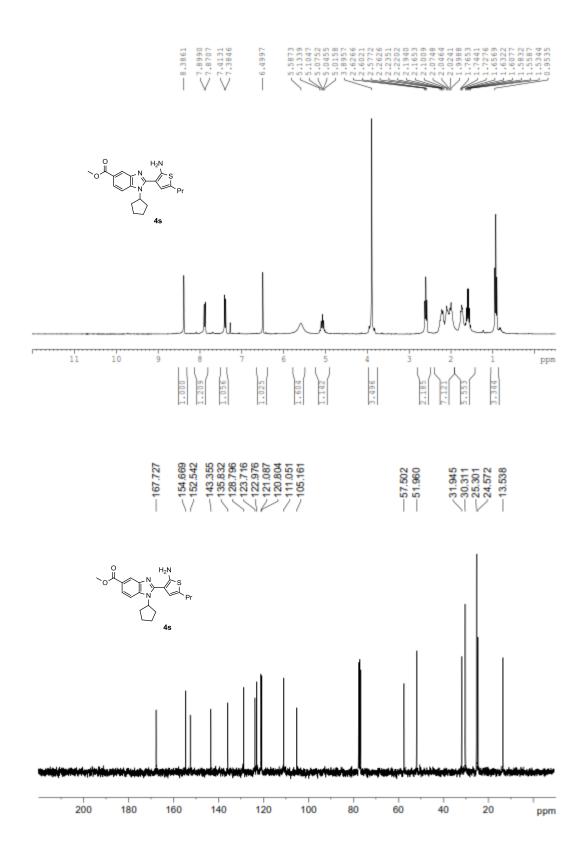
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ppm

