Supporting Information

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

Ying-Sheng Chuang, Bharat D. Narhe, Li-Hseuh Chen and Chung-Ming Sun*

Department of Applied Chemistry, National Chiao-Tung University, Hsinchu 300, Taiwan, ROC

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

(i) General Experimental Methods.

(ii) Copies of $^1$H and $^{13}$C NMR spectra for compounds 4a-4t.

General Experimental Methods:

$^1$H and $^{13}$C 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 CDCl$_3$ 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.