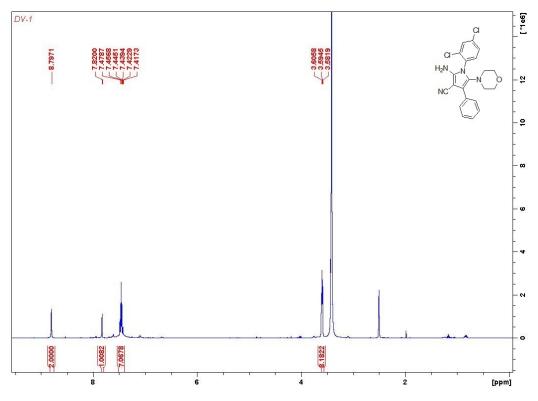
## Multicomponent one-pot synthesis of highly functionalized Pyrrole-3-

## carbonitriles in aqueous medium and computational study

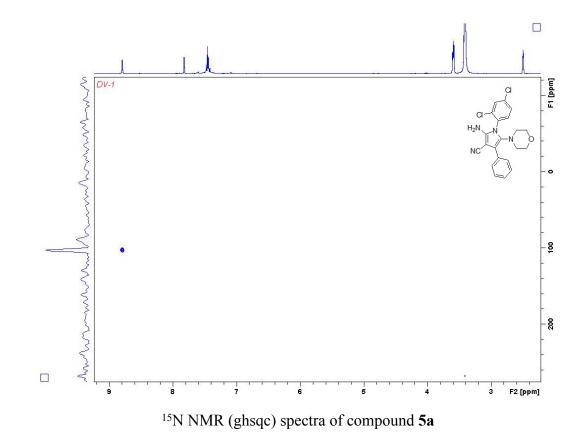
Ramakanth Pagadala, Devendar Reddy Kommidi, Shravankumar Kankala, Suresh Maddila, Parvesh Singh, Brenda Moodley, N. A. Koorbanally, Sreekantha B. Jonnalagadda\*

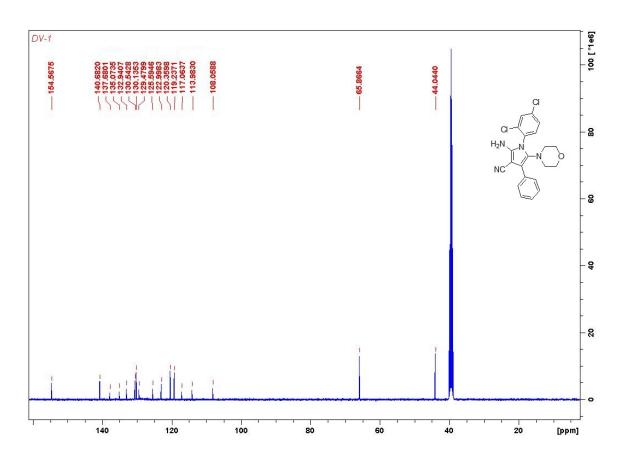
School of Chemistry and Physics, University of KwaZulu-Natal, Westville Campus, Chiltern Hills, Durban-4000, South Africa

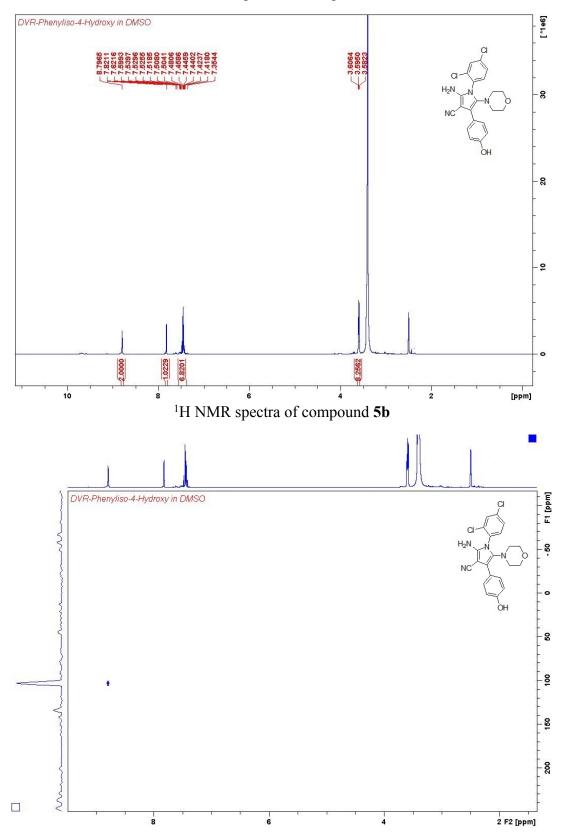
Corresponding author: Tel.: +27 31 260 7325/3090; fax: +27 31 260 3091 E-mail: jonnalagaddas@ukzn.ac.za



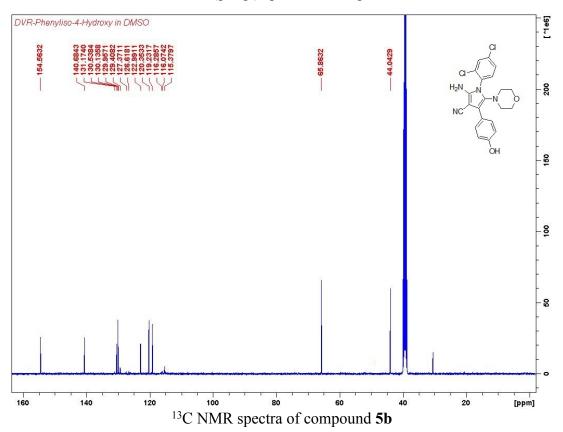
<sup>1</sup>H NMR spectra of compound **5a** 



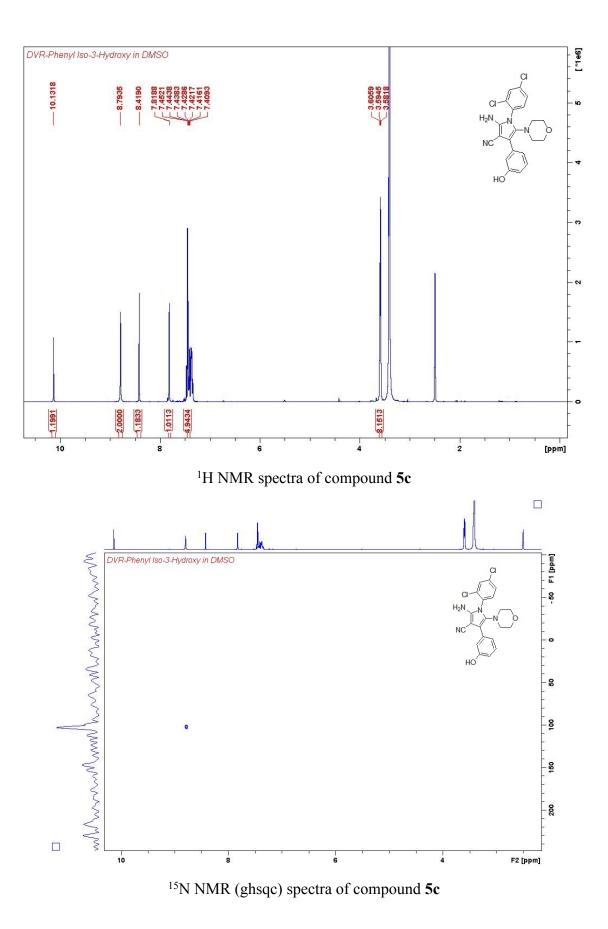


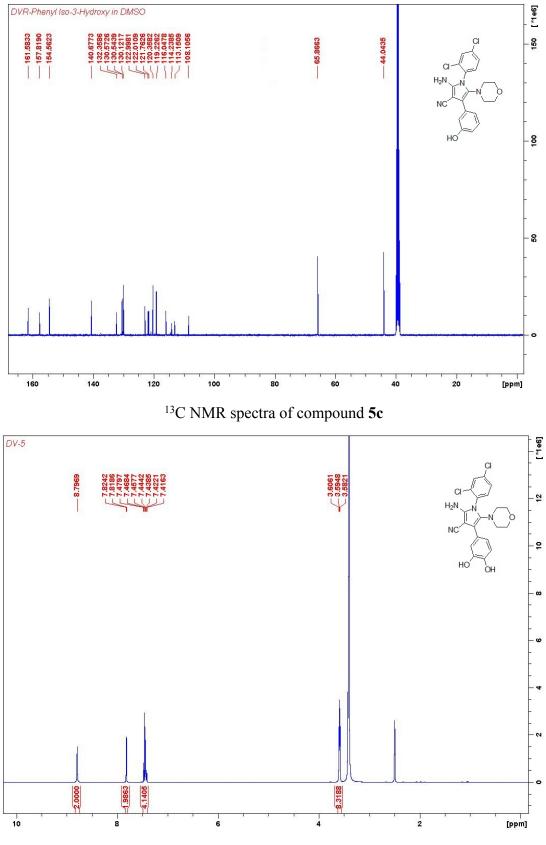


<sup>13</sup>C NMR spectra of compound **5a** 

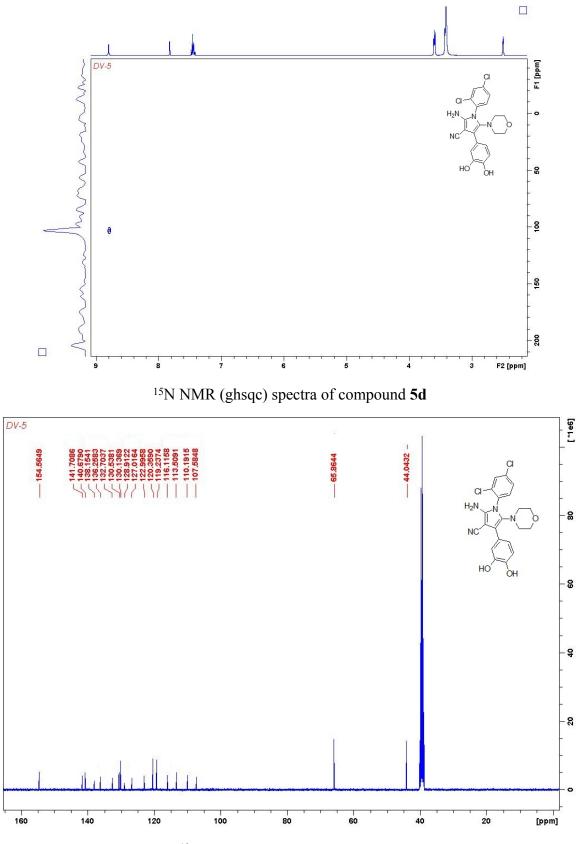


<sup>15</sup>N NMR (ghsqc) spectra of compound **5b** 

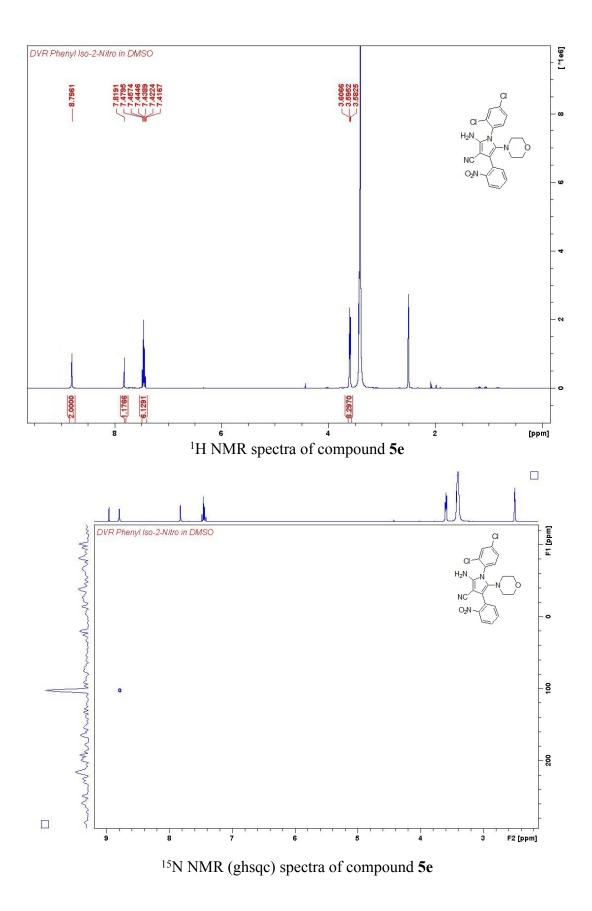


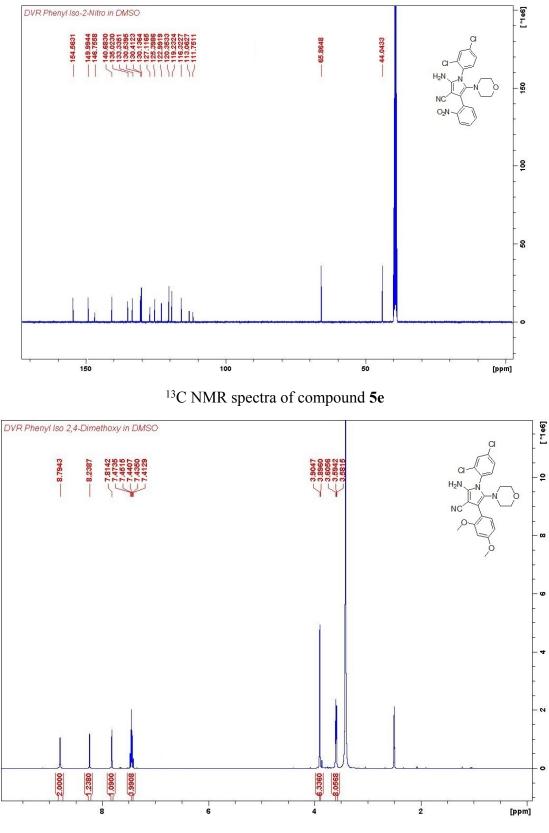


 $^1\mathrm{H}$  NMR spectra of compound  $\mathbf{5d}$ 



<sup>13</sup>C NMR spectra of compound **5d** 





 $^1\mathrm{H}$  NMR spectra of compound  $\mathbf{5g}$ 

