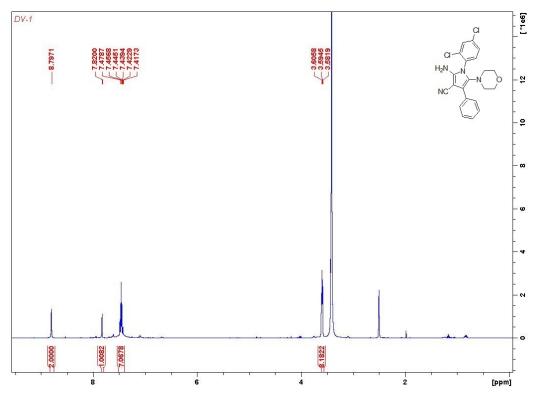
Multicomponent one-pot synthesis of highly functionalized Pyrrole-3-

carbonitriles in aqueous medium and computational study

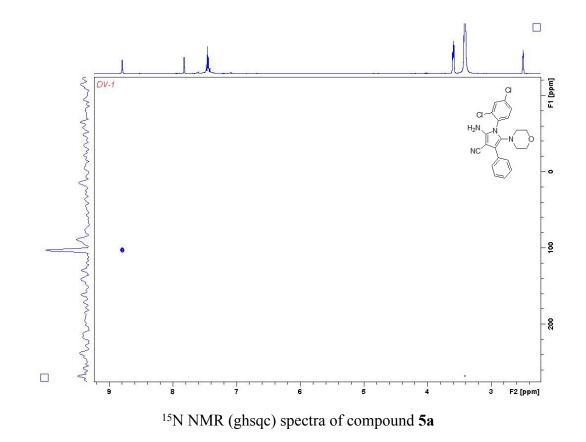
Ramakanth Pagadala, Devendar Reddy Kommidi, Shravankumar Kankala, Suresh Maddila, Parvesh Singh, Brenda Moodley, N. A. Koorbanally, Sreekantha B. Jonnalagadda*

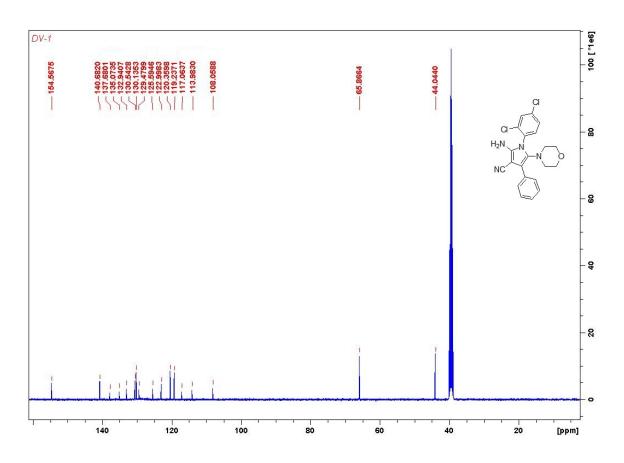
School of Chemistry and Physics, University of KwaZulu-Natal, Westville Campus, Chiltern Hills, Durban-4000, South Africa

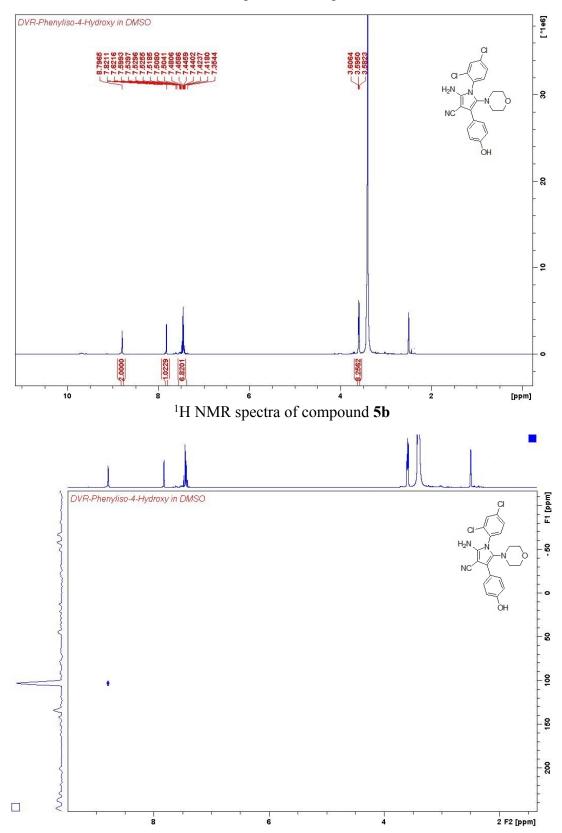
Corresponding author: Tel.: +27 31 260 7325/3090; fax: +27 31 260 3091 E-mail: jonnalagaddas@ukzn.ac.za



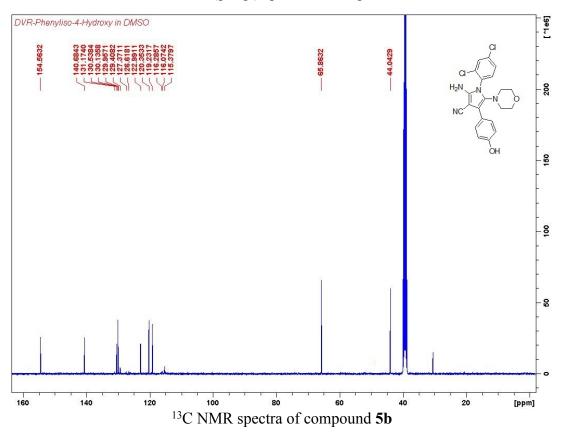
¹H NMR spectra of compound **5a**



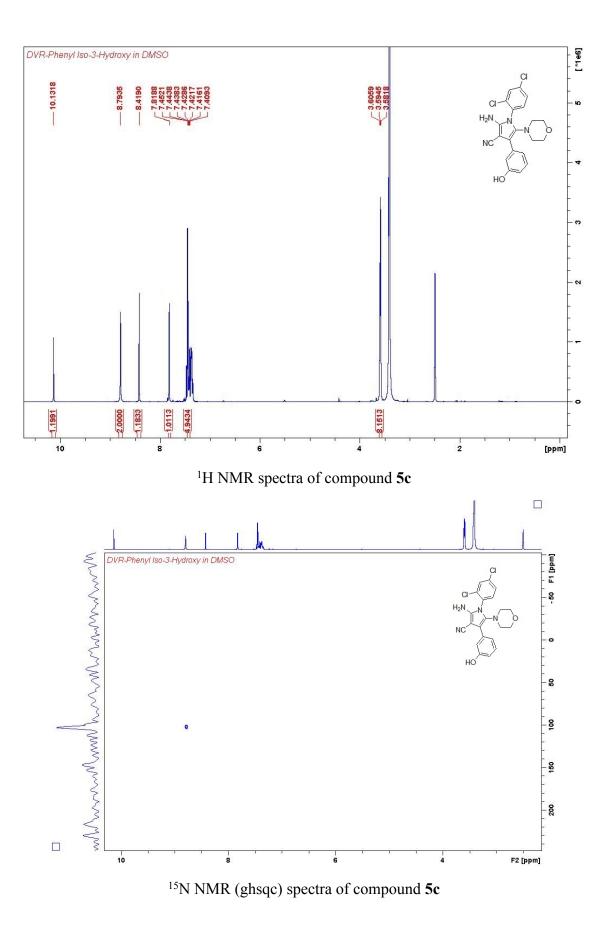


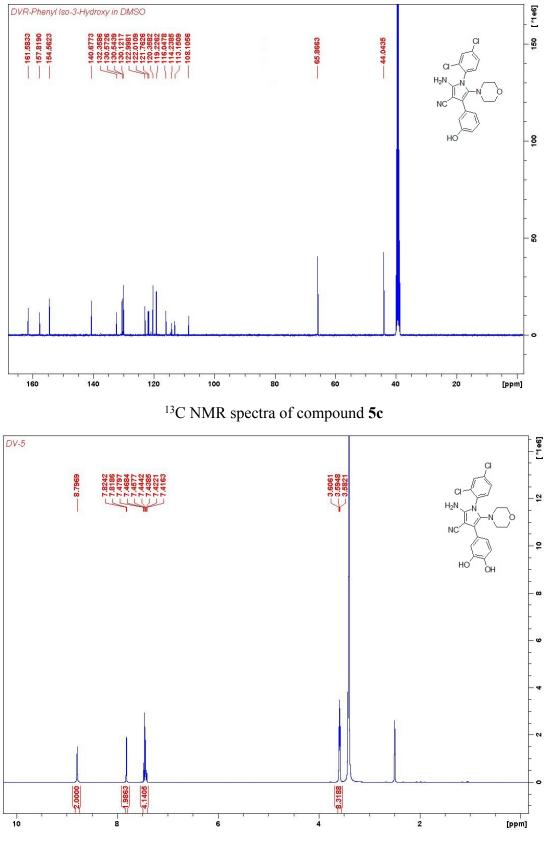


¹³C NMR spectra of compound **5a**

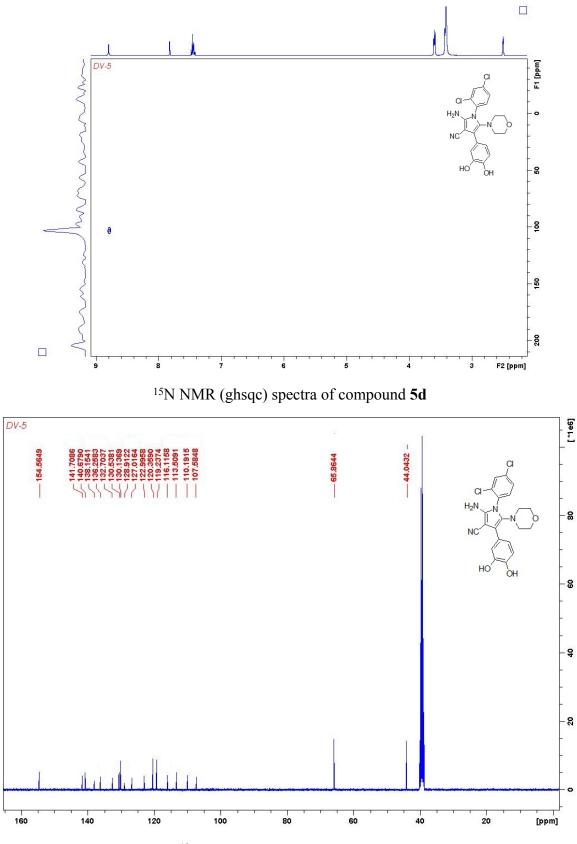


¹⁵N NMR (ghsqc) spectra of compound **5b**

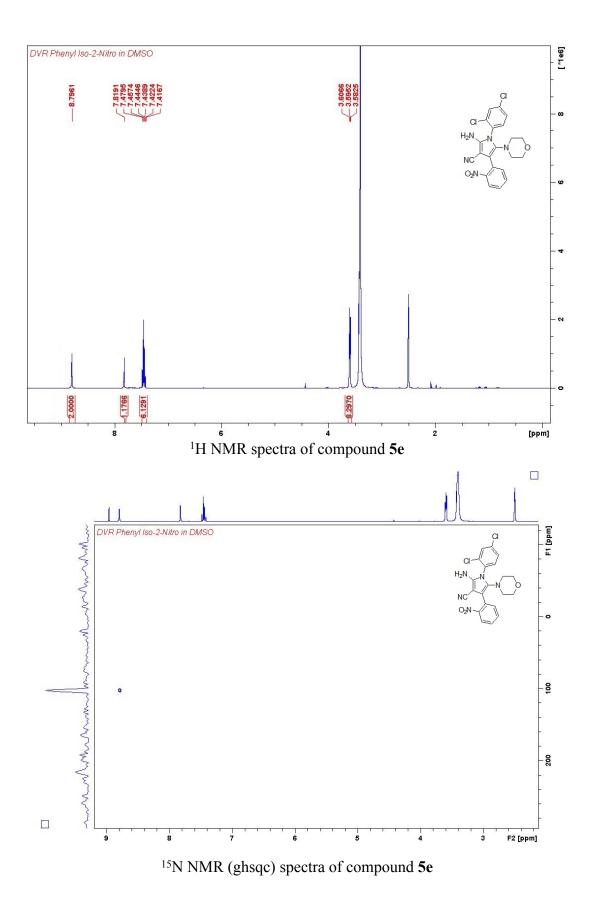


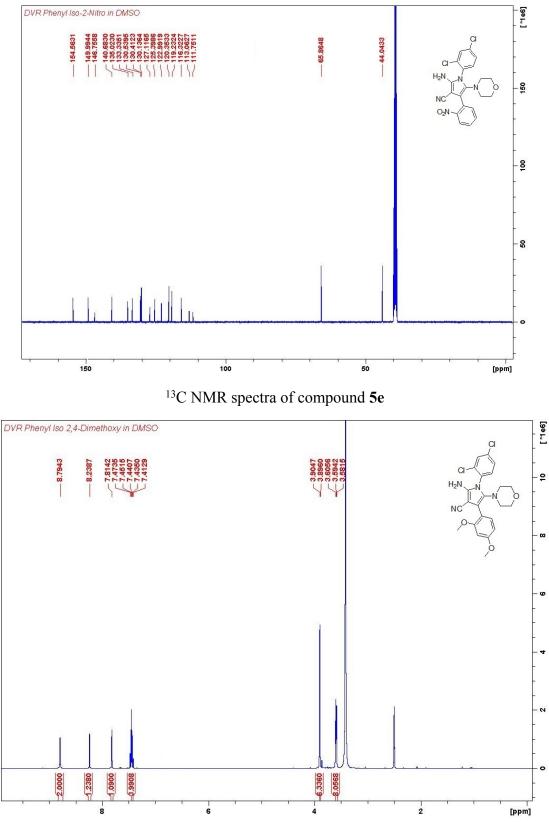


 $^1\mathrm{H}$ NMR spectra of compound $\mathbf{5d}$



¹³C NMR spectra of compound **5d**





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

