Supplementary Material

Tetrabutylammonium tribromide: An effective green reagent for the one-pot reaction of 3-acetyl-2H-chromen-2-ones with o-phenylenediamines

Kotthireddy Kavitha*, Devulapally Srikrishna, Pramod Kumar Dubey and Pasula Aparna

Department of Chemistry, Jawaharlal Nehru Technological University Hyderabad College of Engineering, Kukatpally, Hyderabad, Telangana - 500 085, India.
Email ID: kavithakothireddy@gmail.com

Table of Contents

1. Copies of $^1$H-NMR spectra, $^{13}$C-NMR spectra, HRMS and IR spectra of compounds (Figure S1-S57) S2
Figure S1: $^1$H-NMR Spectrum of Compound 2a

Figure S2: $^{13}$C-NMR Spectrum of Compound 2a
**Figure S3:** HRMS of Compound 2a

**Figure S4:** IR Spectrum of Compound 2a
Figure S5: $^1$H-NMR Spectrum of Compound 2b

Figure S6: $^{13}$C-NMR Spectrum of Compound 2b
Figure S7: HRMS of Compound 2b

Figure S8: IR Spectrum of Compound 2b
Figure S9: $^1$H-NMR Spectrum of Compound 4a

Figure S10: $^{13}$C-NMR Spectrum of Compound 4a
**Figure S11:** HRMS of Compound 4a

**Figure S12:** IR spectrum of Compound 4a
Figure S13: $^1$H-NMR Spectrum of Compound 4b

Figure S14: $^{13}$C-NMR Spectrum of Compound 4b
**Figure S15:** HRMS of Compound 4b

**Figure S16:** IR Spectrum of Compound 4b
Figure S17: $^1$H-NMR Spectrum of Compound 4c

Figure S18: $^{13}$C-NMR Spectrum of Compound 4c
**Figure S19:** HRMS of Compound 4c

**Figure S20:** IR Spectrum of Compound 4c
**Figure S21:** $^1$H-NMR Spectrum of Compound 4d

**Figure S22:** $^{13}$C-NMR Spectrum of Compound 4d
Figure S23: HRMS of Compound 4d

Figure S24: IR spectrum of Compound 4d
Figure S25: $^1$H-NMR Spectrum of Compound 4e

Figure S26: $^{13}$C-NMR Spectrum of Compound 4e
Figure S27: HRMS of Compound 4e

Figure S28: IR Spectrum of Compound 4e