Electronic Supplementary Material (ESI) for ChemComm. This journal is © The Royal Society of Chemistry 2015

Johnston, et al.

Supporting Information II

A One-Pot Amidation of Primary Nitroalkanes

Kenneth E. Schwieter and Jeffrey N. Johnston*

Department of Chemistry and Vanderbilt Institute of Chemical Biology, Vanderbilt University, Nashville, Tennessee 37235

SI-II-X

Figure 1. ¹ H NMR (400 MHz, CDCl ₃) of 3	2
Figure 2. ¹ H NMR (400 MHz, CDCl ₃) of 6	3
Figure 3. ¹ H NMR (400 MHz, CDCl ₃) of 9a.	4
Figure 4. ¹ H NMR (400 MHz, CDCl ₃) of 9b.	5
Figure 5. ¹ H NMR (400 MHz, CDCl ₃) of 9c.	6
Figure 6. ¹ H NMR (400 MHz, CDCl ₃) of 9d.	7
Figure 7. ¹ H NMR (400 MHz, CDCl ₃) of 9e.	8
Figure 8. ¹ H NMR (400 MHz, CDCl ₃) of 9f	9
Figure 9. ¹ H NMR (600 MHz, CDCl ₃) of 9g	10
Figure 10. ¹³ C NMR (150 MHz, CDCl ₃) of 9g	11
Figure 11. ¹ H NMR (600 MHz, CDCl ₃) of 9h	12
Figure 12. ¹³ C NMR (150 MHz, CDCl ₃) of 9h	13
Figure 13. ¹ H NMR (400 MHz, CDCl ₃) of 9i	14
Figure 14. ¹ H NMR (600 MHz, d_6 -DMSO) of 9j	15
Figure 15. ¹³ C NMR (150 MHz, d_6 -DMSO) of 9j	16
Figure 16. ¹ H NMR (600 MHz, CDCl ₃) of 9k.	17
Figure 17. ¹³ C NMR (150 MHz, CDCl ₃) of 9k	18
Figure 18. ¹ H NMR (600 MHz, d_6 -DMSO) of 9l	19
Figure 19. ¹³ C NMR (150 MHz, d_6 -DMSO) of 91	20

Johnston, et al. **Figure 1.** ¹H NMR (400 MHz, CDCl₃) of **3.**





Johnston, et al. **Figure 2.** ¹H NMR (400 MHz, CDCl₃) of **6.**





Johnston, et al. **Figure 3.** ¹H NMR (400 MHz, CDCl₃) of **9a.**





Johnston, et al. **Figure 4.** ¹H NMR (400 MHz, CDCl₃) of **9b**.





Johnston, et al. **Figure 5.** ¹H NMR (400 MHz, CDCl₃) of **9c**.





Johnston, et al. **Figure 6.** ¹H NMR (400 MHz, CDCl₃) of **9d.**





Johnston, et al. **Figure 7.** ¹H NMR (400 MHz, CDCl₃) of **9e.**



Johnston, et al. **Figure 8.** ¹H NMR (400 MHz, CDCl₃) of **9f**.



Johnston, et al. **Figure 9.** ¹H NMR (600 MHz, CDCl₃) of **9g.**





Johnston, et al. **Figure 10.** ¹³C NMR (150 MHz, CDCl₃) of **9g.**





Johnston, et al. **Figure 11.** ¹H NMR (600 MHz, CDCl₃) of **9h.**





Johnston, et al. **Figure 12.** ¹³C NMR (150 MHz, CDCl₃) of **9h**.





Johnston, et al. **Figure 13.** ¹H NMR (400 MHz, CDCl₃) of **9i.**





Johnston, et al. **Figure 14.** ¹H NMR (600 MHz, d_6 -DMSO) of **9j.**





Johnston, et al. **Figure 15**. ¹³C NMR (150 MHz, d_6 -DMSO) of **9**j.



Johnston, et al. **Figure 16**. ¹H NMR (600 MHz, CDCl₃) of **9k**.





Johnston, et al. **Figure 17.** ¹³C NMR (150 MHz, CDCl₃) of **9k.**





Johnston, et al. Figure 18. ¹H NMR (600 MHz, d_6 -DMSO) of 91.





Johnston, et al. **Figure 19.** ¹³C NMR (150 MHz, d_6 -DMSO) of **91.**

