Supplementary Material

KI-catalyzed aminobromination of olefins with TsNH$_2$-NBS combination

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Figure 1. $^1$H NMR spectrum of 8d

Figure 2. $^{13}$C NMR spectrum of 8d
Figure 3. $^1$H NMR spectrum of 9b

Figure 4. $^{13}$C NMR spectrum of 9b
Figure 5. $^1$H NMR spectrum of 9e

Figure 6. $^{13}$C NMR spectrum of 9e
Figure 7. $^1$H NMR spectrum of 10b

Figure 8. $^{13}$C NMR spectrum of 10b

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Figure 9. $^1$H NMR spectrum of 11b

Figure 10. $^{13}$C NMR spectrum of 11b
Figure 11. $^1$H NMR spectrum of 14b

Figure 12. $^{13}$C NMR spectrum of 14b
Figure 13. $^1$H NMR spectrum of 16b

Figure 14. $^{13}$C NMR spectrum of 16b
Figure 15. $^1$H NMR spectrum of 21b

Figure 16. $^{13}$C NMR spectrum of 21b
Figure 17. $^1$H NMR spectrum of 22c

Figure 18. $^{13}$C NMR spectrum of 22c
Figure 19. $^1$H NMR spectrum of 24c

Figure 20. $^{13}$C NMR spectrum of 24c
Figure 21. $^1$H NMR spectrum of 29b

Figure 22. $^{13}$C NMR spectrum of 29b
Figure 23. $^1$H NMR spectrum of 33b

Figure 24. $^{13}$C NMR spectrum of 33b
Figure 25 X-ray structure for 31b