Supplementary Information

Rhodium(III)-Catalyzed Addition of Indoles with Boc-Imines via C–H Bond Activation

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Figure S1. 1H NMR spectrum (400 MHz, CDCl3) of compound 3a.

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Figure S2. $^{13}$C NMR spectrum (101 MHz, CDCl$_3$) of compound 3a.

Figure S3. $^1$H NMR spectrum (500 MHz, CDCl$_3$) of compound 3b.
Figure S4. $^{13}$C NMR spectrum (126 MHz, CDCl$_3$) of compound 3b.

Figure S5. $^1$H NMR spectrum (400 MHz, CDCl$_3$) of compound 3c.
**Figure S6.** $^{13}$C NMR spectrum (101 MHz, CDCl$_3$) of compound 3c.

**Figure S7.** $^1$H NMR spectrum (500 MHz, CDCl$_3$) of compound 3d.
Figure S8. $^{13}$C NMR spectrum (126 MHz, CDCl$_3$) of compound 3d.

Figure S9. $^1$H NMR spectrum (500 MHz, CDCl$_3$) of compound 3e.
Figure S10. $^{13}$C NMR spectrum (126 MHz, CDCl$_3$) of compound 3e.

Figure S11. $^1$H NMR spectrum (500 MHz, CDCl$_3$) of compound 3f.
Figure S12. $^{13}$C NMR spectrum (126 MHz, CDCl$_3$) of compound 3f.

Figure S13. $^1$H NMR spectrum (400 MHz, CDCl$_3$) of compound 3g.
Figure S14. $^{13}$C NMR spectrum (101 MHz, CDCl$_3$) of compound 3g.

Figure S15. $^1$H NMR spectrum (500 MHz, CDCl$_3$) of compound 3h.
Figure S16. $^{13}$C NMR spectrum (126 MHz, CDCl$_3$) of compound 3h.

Figure S17. $^1$H NMR spectrum (500 MHz, CDCl$_3$) of compound 3i.
Figure S18. $^{13}$C NMR spectrum (126 MHz, CDCl$_3$) of compound 3i.

Figure S19. $^1$H NMR spectrum (500 MHz, CDCl$_3$) of compound 3j.
Figure S20. $^{13}$C NMR spectrum (126 MHz, CDCl$_3$) of compound 3j.

Figure S21. $^1$H NMR spectrum (400 MHz, CDCl$_3$) of compound 3k.
Figure S22. $^{13}$C NMR spectrum (101 MHz, CDCl$_3$) of compound 3k.

Figure S23. $^1$H NMR spectrum (400 MHz, CDCl$_3$) of compound 3l.
Figure S24. $^{13}$C NMR spectrum (101 MHz, CDCl$_3$) of compound 3l.

Figure S25. $^1$H NMR spectrum (400 MHz, CDCl$_3$) of compound 3m.
Figure S26. $^{13}$C NMR spectrum (101 MHz, CDCl$_3$) of compound 3m.

Figure S27. $^1$H NMR spectrum (500 MHz, CDCl$_3$) of compound 3n.
Figure S28. $^{13}$C NMR spectrum (126 MHz, CDCl$_3$) of compound 3n.

Figure S29. $^1$H NMR spectrum (500 MHz, CDCl$_3$) of compound 3o.
Figure S30. $^{13}$C NMR spectrum (126 MHz, CDCl$_3$) of compound 3o.

Figure S31. $^1$H NMR spectrum (400 MHz, CDCl$_3$) of compound 3p.
Figure S32. $^{13}$C NMR spectrum (101 MHz, CDCl$_3$) of compound 3p.

Figure S33. $^1$H NMR spectrum (400 MHz, CDCl$_3$) of compound 3q.
Figure S34. $^{13}$C NMR spectrum (101 MHz, CDCl$_3$) of compound 3q.

Figure S35. $^1$H NMR spectrum (400 MHz, CDCl$_3$) of compound 3r.
Figure S36. $^{13}$C NMR spectrum (101 MHz, CDCl$_3$) of compound 3r.