Supporting information

Regioselective Synthesis of Chromones via Cyclocarbonylative Sonogashira Coupling Catalyzed by Highly Active Bridged-Bis(N-Heterocyclic Carbene)Palladium(II) Complexes

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•	¹ H NMR and ¹³ C NMR spectra for new pre-ligands and complexes
•	¹ H NMR and ¹³ C NMR spectra for the products
•	ESI spectra of complexes C1-C3





w14_C13_DMS0



Figure S1. ¹H NMR and ¹³C NMR spectra of pre-ligand L1





Figure S2. ¹H NMR and ¹³C NMR spectra of pre-ligand L2





PPM

Figure S4. ¹H NMR and ¹³C NMR spectra of complex C1

W52-CD2C12-1H-@-30C

Figure S6. ¹H NMR and ¹³C NMR spectra of complex C3

Figure S7. ¹H NMR and ¹³C NMR spectra of product 3aa

Figure S8. ¹H NMR and ¹³C NMR spectra of product 3ab

Figure S9. ¹H NMR and ¹³C NMR spectra of product 3ac

Figure S10. ¹H NMR and ¹³C NMR spectra of product 3ad

Figure S11. ¹H NMR and ¹³C NMR spectra of product 3ae

Figure S12. ¹H NMR and ¹³C NMR spectra of product 3ba

Figure S13. ¹H NMR and ¹³C NMR spectra of product 3ca

Figure S14. ¹H NMR and ¹³C NMR spectra of product 3da

Figure S15. ¹H NMR and ¹³C NMR spectra of product 3bd

Figure S16. ¹H NMR and ¹³C NMR spectra of product 6aa

Figure S17. ¹H NMR and ¹³C NMR spectra of product 6ab

Figure S18. ¹H NMR and ¹³C NMR spectra of product 6ac

Figure S19. ¹H NMR and ¹³C NMR spectra of product 6ad

Figure S20. ¹H NMR and ¹³C NMR spectra of product 3af

Figure S21. ¹H NMR and ¹³C NMR spectra of product 8a

Figure S22. ¹H NMR and ¹³C NMR spectra of product 8b

Figure S23. ¹H NMR and ¹³C NMR spectra of product 8c

Figure S24. ESI spectra of complex C1

User Spectra

Figure S25. ESI spectra of complex C2

Figure S26. ESI spectra of complex C3