Electronic Supplementary Information

Ruthenium(II) carbonyl complexes containing benzhydrazone ligands: Synthesis, structure and facile one-pot conversion of aldehydes to amides

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Fig. S2. ¹H NMR spectrum of complex (2)



Fig. S4. ¹H NMR spectrum of complex (4)



Fig. S6. ¹H NMR spectrum of complex (6)



Fig. S8. ¹H NMR spectrum of complex (8)



Fig. S9. ¹H NMR spectrum of 4-nitrobenzamide



Fig. S10. ¹H NMR spectrum of 4-bromobenzamide



Fig. S11. ¹H NMR spectrum of benzamide



Fig. S12. ¹H NMR spectrum of 4-methylbenzamide



Fig. S13. ¹H NMR spectrum of 4-methoxybenzamide



Fig. S14. ¹H NMR spectrum of thiophene-2-carboxamide



Fig. S15. ¹H NMR spectrum of 3-methyl thiophene 2-carboxamide



Fig. S16. ¹H NMR spectrum of pyridine-2-carboxamide



Fig. S17. ¹H NMR spectrum of pyridine-4-carboxamide



Fig. S18. ¹H NMR spectrum of indole-3-carboxamide



Fig. S19. ¹³C NMR spectrum of 4-nitrobenzamide



Fig. S20. ¹³C NMR spectrum of 4-bromobenzamide



Fig. S21. ¹³C NMR spectrum of benzamide



Fig. S22. ¹³C NMR spectrum of 4-methyl benzamide



Fig. S23. ¹³C NMR spectrum of 4-methoxy benzamide





Fig. S25. ¹³C NMR spectrum of 4-methyl thiophene-2-carboxamide





Fig. S27. ¹³C NMR spectrum of pyridine-4-carboxamide



Fig. S28. ¹³C NMR spectrum of indole-3-carboxamide