

# Synthesis of ruthenium complexes with carbonyl and polypyridyl ligands derived from dipyrido[3,2-a:2',3'-c]phenazine: Application to the water gas shift reaction

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The preparation and spectroscopic properties of new dipyrido[3,2-a:2',3'-c]phenazine ruthenium complexes are described. The complexes show high catalytic activity in the water gas shift reaction in a basic medium under mild conditions ( $P_{CO} = 0.9$  atm at  $100$  °C). Copyright © 2002 John Wiley & Sons, Ltd.