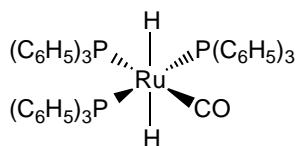
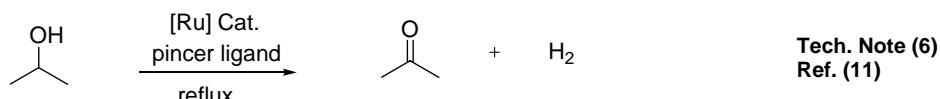
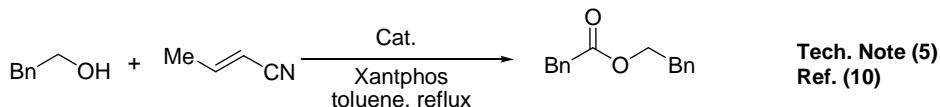
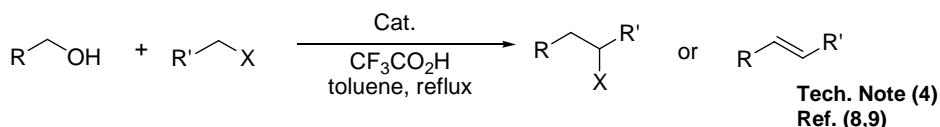
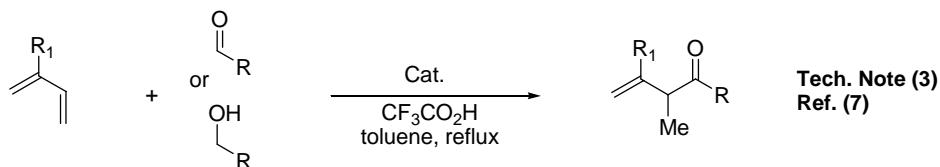
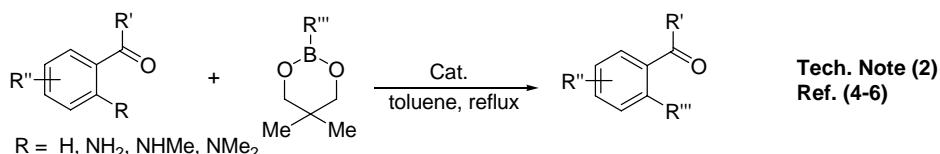
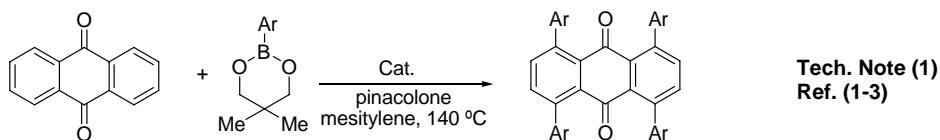


Catalog # C118508 Carbonyl(dihydrido)tris(triphenylphosphine)ruthenium(II), 99%



Technical Notes:

1. Catalyst for the arylation (or alkenylation) of anthraquinone and PBI.
2. Catalytic C-C bond formation.
3. Transfer hydrogenative coupling of isoprene to alcohols or aldehydes.
4. Alkanes (and alkenes) from alcohols by tandem hydrogen transfer and condensation.
5. Catalyst for the conversion of primary alcohols and aldehydes into methyl esters.
6. Precatalyst for hydrogen production by means of alcohol dehydrogenation.



References:

1. *Org. Lett.*, **2009**, *11*, 1951.
2. *Org. Lett.*, **2009**, *11*, 5426.
3. *Chem. Eur. J.*, **2009**, *15*, 7530.
4. *J. Am. Chem. Soc.*, **2009**, *131*, 7238.
5. *Org. Lett.*, **2009**, *11*, 855.
6. *J. Am. Chem. Soc.*, **2007**, *129*, 6098.
7. *J. Am. Chem. Soc.*, **2008**, *130*, 14120.
8. *Dalton Trans.*, **2009**, 716.
9. *Adv. Synth. Catal.*, **2008**, *350*, 1975.
10. *Synthesis*, **2009**, *9*, 1578.
11. *Angew. Chem. Int. Ed.*, **2011**, *50*, 9593.