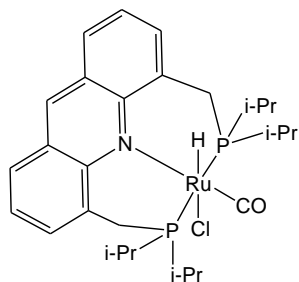
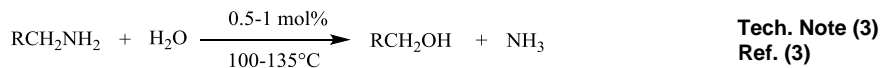
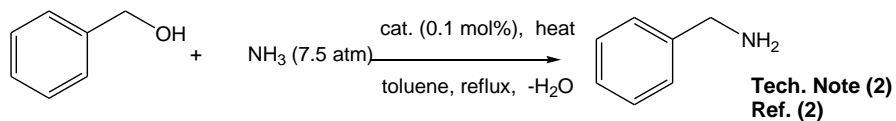
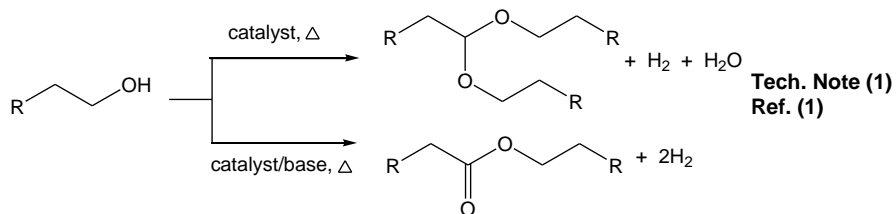


Catalog # 44-0525 Chlorocarbonylhydrido[4,5-bis-(di-i-propylphosphinomethyl)acridine]ruthenium(II), min. 98% Milstein Acridine Catalyst



Technical Notes:

1. Useful ruthenium catalyst for the direct conversion of alcohols to acetals and esters.
2. Useful ruthenium catalyst for the selective synthesis of amines directly from alcohols and ammonia.
3. Catalyst used in the direct amination of primary amines by water to produce alcohols.



References:

1. *J. Am. Chem. Soc.*, **2009**, 131, 3146.
2. *Angew. Chem. Int. Ed.*, **2008**, 47, 8661.
3. *Angew. Chem. Int. Ed.*, **2013**, 52, 6269.