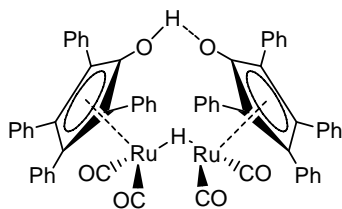
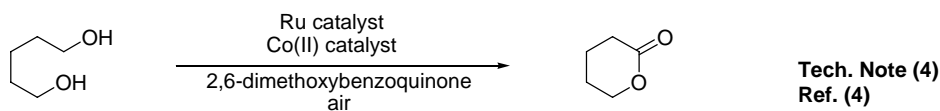
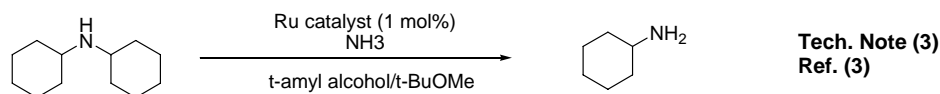
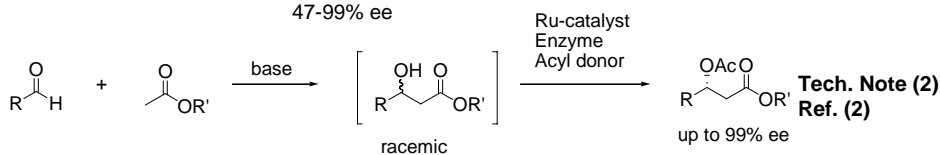
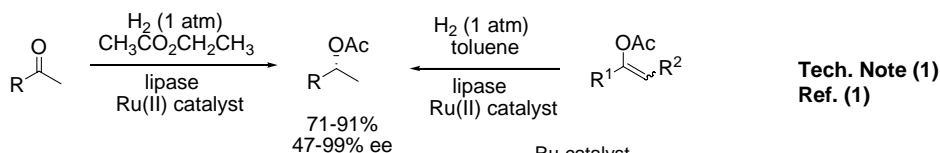


Catalog # 44-0780 1-Hydroxytetraphenylcyclopentadienyl(tetraphenyl-2,4-cyclopentadien-1-one)- μ -hydrotetracarbonyl-diruthenium(II), 98% SHVO'S CATALYST



Technical Notes:

1. In conjugation with lipase, ruthenium catalyst used in the asymmetric transformation of ketones and enol acetates into chiral acetates.
2. Dynamic kinetic resolution resulting from the ruthenium catalyzed racemization of enzymatically- resolved substrates.
3. Conversion of secondary amines to primary amines in the presence of ammonia.
4. Co-catalyt for aerobic lactonization of diols.



References:

1. *Org. Lett.*, **2000**, 2, 2487.
2. *Org. Lett.*, **2001**, 3, 1209.
3. *Chem. Eur. J.*, **2011**, 17, 4705.
4. *Chem. Eur. J.*, **2011**, 17, 12596.