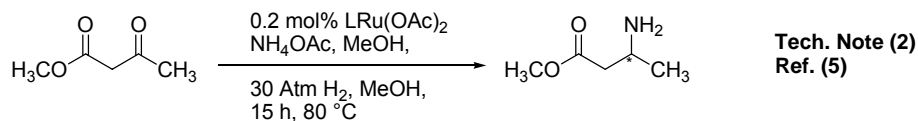
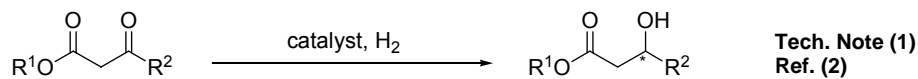


Catalog # 44-0153 Diacetato[(S)-(-)-2,2'-bis(diphenylphosphino)-1,1'-binaphthyl]ruthenium(II)

Note: Manufactured under license of Takasago patent. Takasago BINAP Ru Acetate Catalyst Kit component.

Technical Notes:

1. Catalyst system that exhibits very high catalytic activity and enantioselectivity in the hydrogenation of a wide range of substrates.
2. Catalyst used in the synthesis of β -amino acids by hydrogenation.



References:

1. *Asymmetric Catalysis in Organic Synthesis*, **1993**, 61.
2. *J. Am. Chem. Soc.*, **1988**, 110, 629.
3. *Science*, **1990**, 248, 1194.
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5. World Patent WO2005/028419.