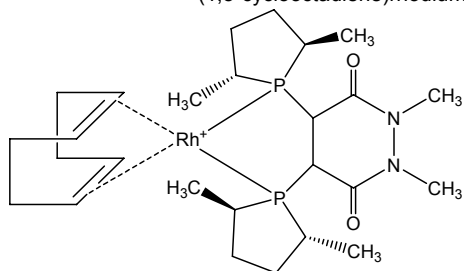


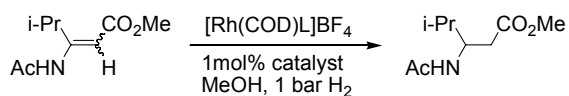
Catalog #45-0750 (-)-4,5-Bis[(2R,5R)-2,5-dimethylphospholanyl](1,2-dimethyl-1,2-dihydropyridazine-3,6-dione)  
(1,5-cyclooctadiene)rhodium(I) tetrafluoroborate, min. 95% [catASium® MNN(R)Rh]



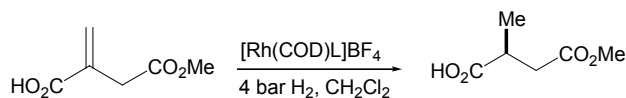
Note: Sold in collaboration with Solvias for research purposes only. Patent WO 03084971. Solvias catASium® Catalyst and Ligand Kit component.

**Technical Notes:**

1. Highly enantioselective catalyst for the hydrogenation of E or Z  $\beta$ -acylamido acrylates under mild conditions and low pressure.
2. Highly enantioselective for the hydrogenation of itaconates at room temperature.



**Tech. Note (1)**  
**Ref. (1)**



**Tech. Note (2)**  
**Ref. (2)**

99% ee  
4000 TON

**References:**

1. *J. Org. Chem.*, **2003**, 68, 1701.
2. *Adv. Synth. Catal.*, **2004**, 346, 1263.