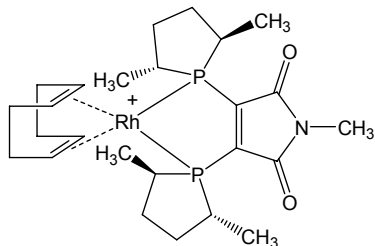


# Strem Chemicals, Inc.

www.strem.com

Catalog # 45-0176 (-)-2,3-Bis[(2R,5R)-2,5-dimethylphospholanyl]-1-methyl-1H-pyrrole-2,5-dione(1,5-cyclooctadiene)rhodium(I) tetrafluoroborate, min. 97% [catASium® MN(R)Rh]

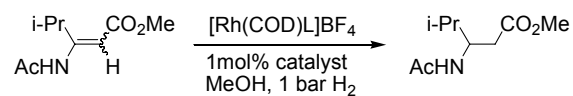


Note: Sold in collaboration with Solvias for research purposes only. Patent WO 03084971. Solvias catASium® Catalyst and Ligand Kit component.

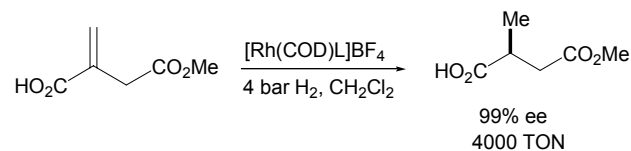
Optical purity: 95%

## 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)**

## References:

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