

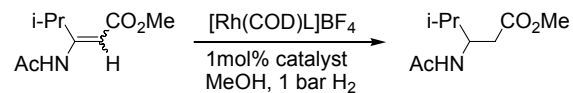
Catalog # 45-0177 (+)-2,3-Bis[(2S,5S)-2,5-dimethylphospholanyl]-1-methyl-1H-pyrrole-2,5-dione
(1,5-cyclooctadiene)rhodium(I) tetrafluoroborate, min. 98% [catASium® MN(S)Rh]

Note: Sold in collaboration with Evonik for research purposes only. Patent WO 03084971.

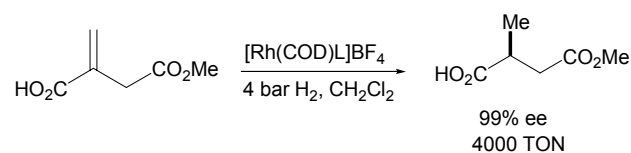
Optical Purity: 95%

Technical Notes:

1. Highly enantioselective catalyst for the hydrogenation of E or Z β -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.