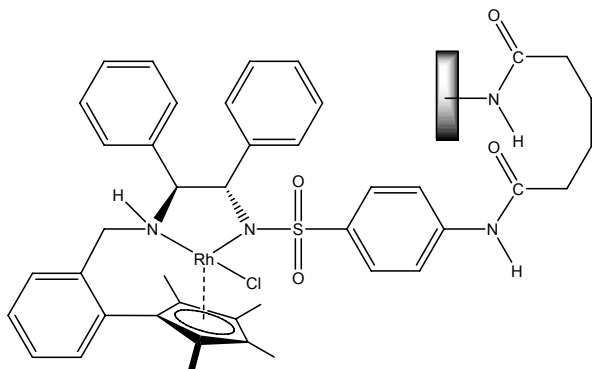


Catalog # 45-0385 Chloro[2-methyl(1,2-diphenyl-2-[(4-amidophenylsulfonyl)amido]ethyl)amino]phenyl]-2,3,4,5-tetramethylcyclopentadienyl]rhodium(III) Heterogenized Rh(III)-catalyst on a polyethylene sinter plate

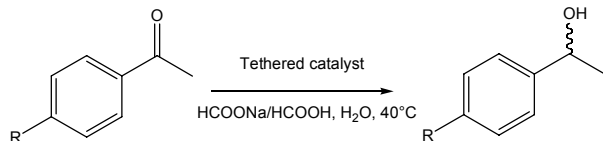


Note: Sold under license from PolyAn for research purposes only. PCT/EP2010/060270

Rhodium content: 0.05 mass%
 Support material: Polyethylene
 Weight of one plate: 100mg
 Mean Particle Size: 30 microns

Technical Notes:

1. Catalytic generation of enantioenriched compounds.
2. Simple catalyst separation and recycling - continuously operated reactions possible.
3. Water as a solvent.
4. Formate as hydrogen donor - non-toxic, safe, easy to handle.
5. Irreversible hydrogen transfer (essentially no reverse reaction through the generation of CO₂).



R = H, Cl, NO₂, OCH₃

References:

1. *Org. Lett.*, **2005**, 7, 5489.
2. *Advanced Synthesis & Catalysis*, **2010**, 352(14-15), 2497.
3. *Synfacts*, **2010**, 1, 112.
4. *Advanced Synthesis & Catalysis*, **2011**, 353(8), 1335.