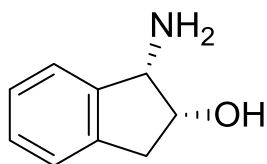


Catalog # 07-0200 (1S,2R)-(-)-cis-1-Aminoindan-2-ol, 98%

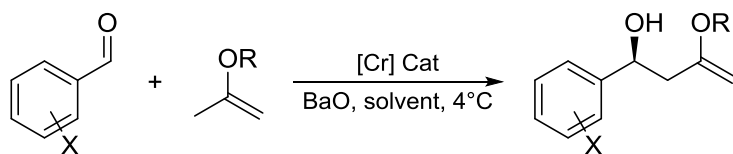


Note: CATHy™ Catalyst Kit (96-7650) component.

Class of catalytic ligands which when used with a reducing agent, exhibit enantioselectivity in the reduction of a wide range of substrates

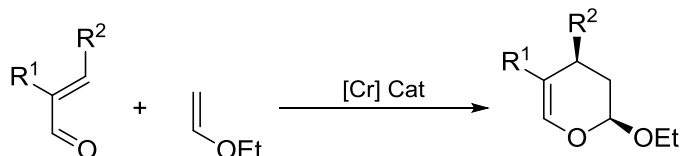
Technical Notes:

1. Ligand component used in the chromium-catalyzed highly selective asymmetric ene reactions between aryl aldehydes and alkoxy- and silyloxyalkenes.
2. Ligand component for the chromium-catalyzed highly enantioselective o inverse-demand hetero-Diels-Alder reactions of α,β -unsaturated aldehydes.
3. Ligand component for the magnesium-catalyzed conjugate addition reaction of 1,3-dicarbonyl compounds to nitroalkenes.
4. Component for stereoselective asymmetric 6π -azaelectrocyclization through the reaction between the (*E*)-3-carbonyl-2,4,6-trienal compounds and the (-)-7-alkyl-cis-1-amino-2-indanol derivatives.
5. Ligand component for palladium-catalyzed asymmetric azaelectrocyclization for the preparation of 2,4-disubstituted chiral 1,2,5,6-tetrahydropyridines.
6. Component for organocatalytic conjugate addition of formaldehyde *N,N*-dialkylhydrazones to β,γ -unsaturated α -keto esters.
7. *N*-Sulfinyl urea organocatalyst component for enantioselective aza-henry reaction.
8. Component for organocatalytic enantioselective additions of indoles to nitroalkenes.
9. Organocatalytic component for enantioselective solvent-free inter- and intramolecular aldol reactions.
10. Indenyl-PYBOX (07-0280) ligand component for scandium-catalyzed asymmetric [3+2] annulation of allylsilanes with isatins in the synthesis of spirooxindoles.
11. Ligand component for LalithPhos/Iridium catalyzed asymmetric hydrogenation of unfunctionalized dialins.
12. Ligand for Ni-catalyzed negishi cross-coupling with 1,1-disubstituted styrenyl aziridines.
13. Ligand component for enantioselective iridium-catalyzed silylation of aromatic C-H bonds.

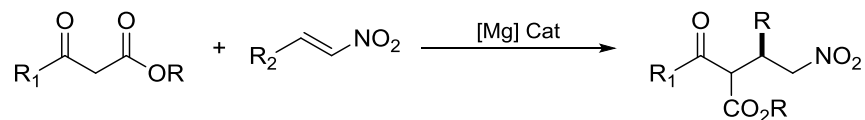


R = CH₃, TMS

Tech. Note (1)
Ref. (1)

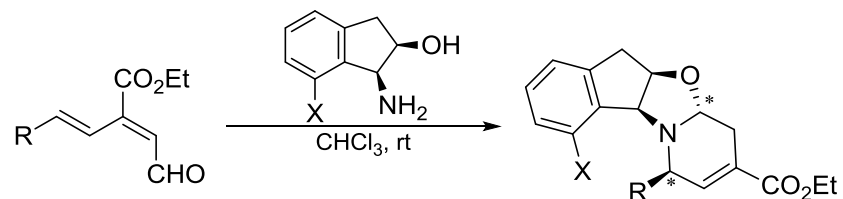


Tech. Note (2)
Ref. (2)



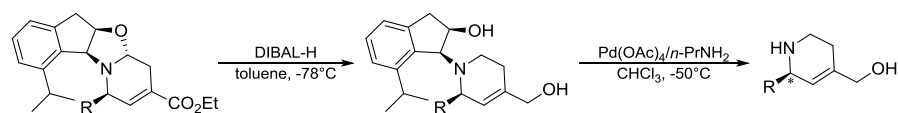
Tech. Note (3)
Ref. (3)

R_1 = alkyl, aryl, OR; R_2 = alkyl, aryl

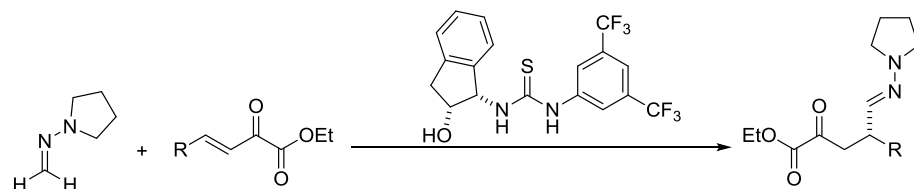


Tech. Note (4)
Ref. (4)

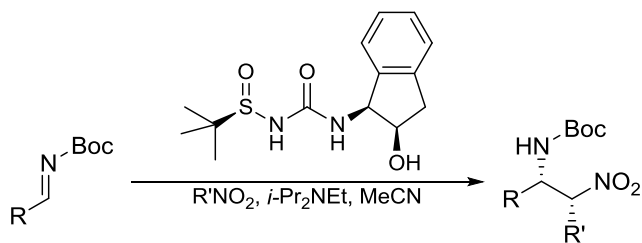
R_1 = alkenyl, phenyl, indole



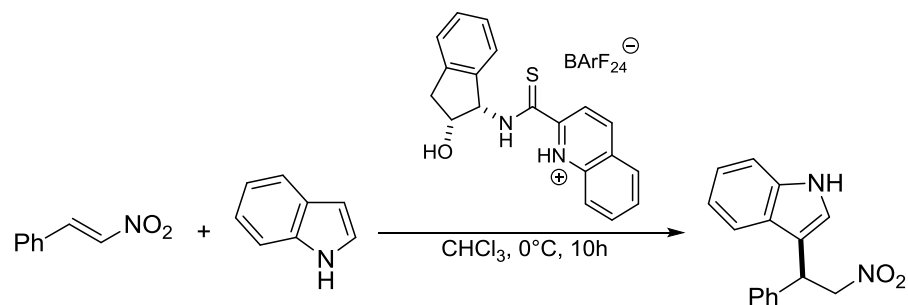
Tech. Note (5)
Ref. (5)



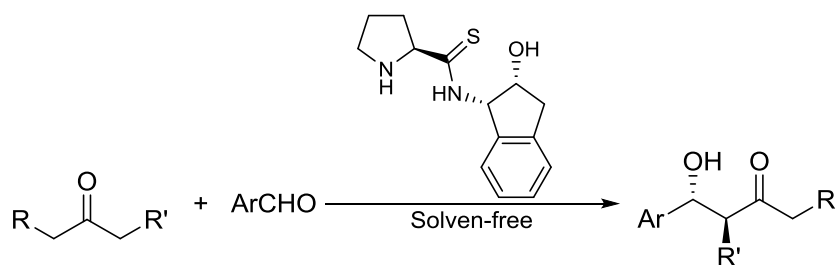
Tech. Note (6)
Ref. (6)



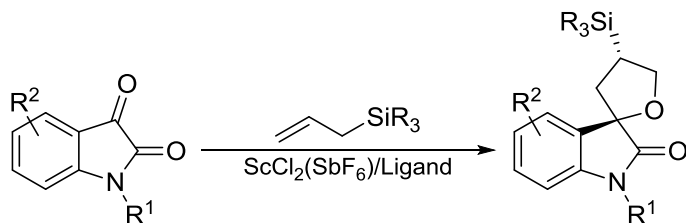
Tech. Note (7)
Ref. (7)



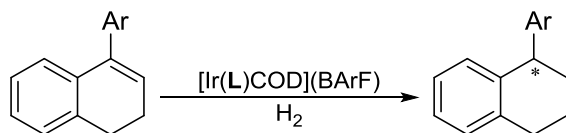
Tech. Note (8)
Ref. (8)



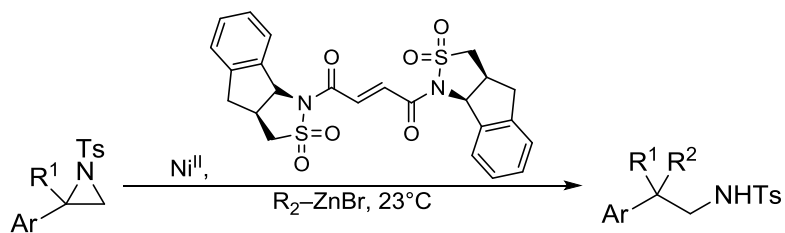
Tech. Note (9)
Ref. (9)



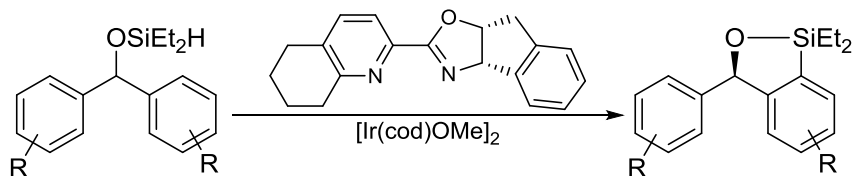
Tech. Note (10)
Ref. (10)



Tech. Note (11)
Ref. (11)



Tech. Note (12)
Ref. (12)



Tech. Note (13)
Ref. (13)

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