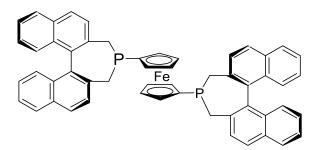
Strem Chemicals, Inc

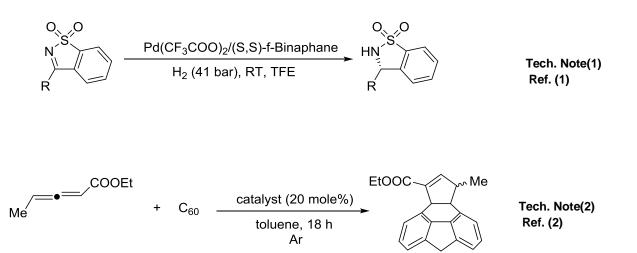
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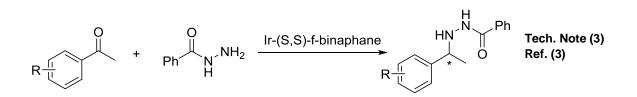
Catalog # 26-0243 1,1'-Bis{(S)-4,5-dihydro-3H-binaphtho[1,2-c:2',1'-e]phosphino}ferrocene, min. 98% (S,S)-f-Binaphane

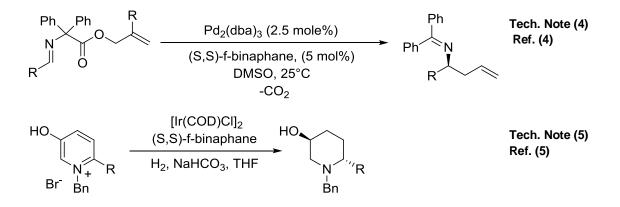


Technical Notes:

- 1. Ligand for enantioselective Pd-catalyzed hydrogenation of enesulfonamides [5] and cyclic Nsulfonylimines [6]
- Enantioselective, asymmetric organocatalyst for [3+2] cycloaddition of allenoates to C60 fullerene (conversion >90%, ee up to 90%)
- 3. Ligand for Iridium-mediated direct asymmetric reductive amination of acetophenone with phenylhydrazide (conversion >99%; yield >94%; ee >94%)
- 4. Ligand used for the palladium-catalyzed, asymmetric, decarboxylative generation and asymmetric allylation of α-imino anions.
- 5. Ligand used in iridium-catalyzed, asymmetric hydrogenation of 6-substituted 3-hydroxypyridinium salts to trans 6-substituted piperidin-3-ols with high enantioselectivities(up to 95% ee).







References:

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- 2. Angew. Chem. Int. Ed., 2013, 52, 5115.
- 3. Org. Lett., 2013, 15, 4354.
- 4. Org. Lett., 2014, 16, 5228.
- 5. ACS Catal., 2016, 6, 2368.