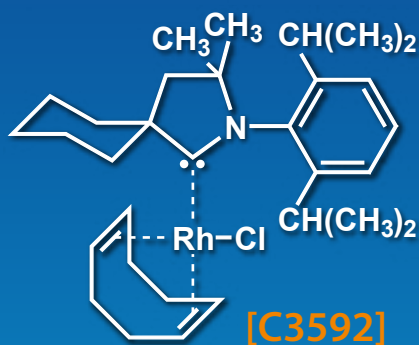


New

CHEMISTRY

TCI

Rhodium Catalyst for *cis*-Selective Hydrogenation of Aromatic Rings

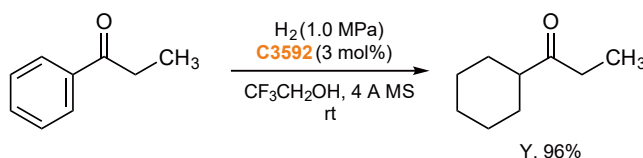


Advantages

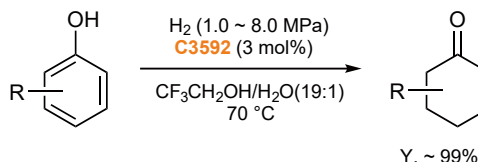
- Utilized in selective hydrogenation of aromatic rings in aromatic ketones
- Suitable for the conversion of phenols to cyclohexanones
- Effective in *cis*-selective hydrogenation of multisubstituted aromatic compounds

Applications

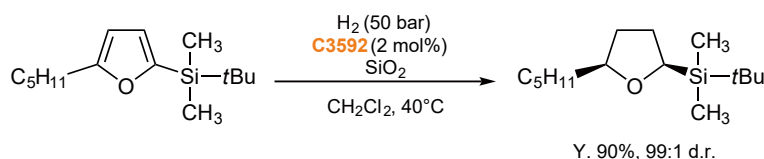
Hydrogenation of aromatic ketones ¹⁾



Hydrogenation of phenols ¹⁾



Hydrogenation of silylated arenes ²⁾



1) Y. Wei, B. Rao, X. Cong, X. Zeng, *J. Am. Chem. Soc.* **2015**, *137*, 9250.

2) M. P. Wiesenfeldt, T. Knecht, C. Schleppehorst, F. Glorius, *Angew. Chem. Int. Ed.* **2018**, *57*, 8297.

(Cyclohexyl-CAAC)Rh(COD)Cl (= Chloro[2-(2,6-diisopropylphenyl)-3,3-dimethyl-2-azaspiro[4.5]dec-1-ylidene][1,2,5,6-η-1,5-cyclooctadiene]rhodium) 100mg / 1g [C3592]

Related Product

Cyclohexyl-CAAC (=2-(2,6-Diisopropylphenyl)-3,3-dimethyl-2-azaspiro[4.5]dec-1-en-2-ium Hydrogen Dichloride) 1g / 5g [D5596]

For further information please refer to our website at www.TCIchemicals.com.



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