

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



(Cyclohexyl-CAAC)Rh(COD)Cl

100mg / 1g

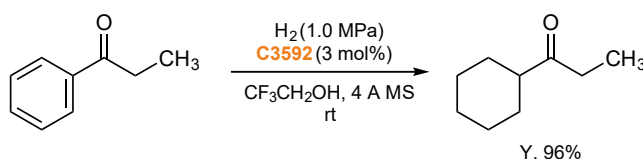
[C3592]

Advantages

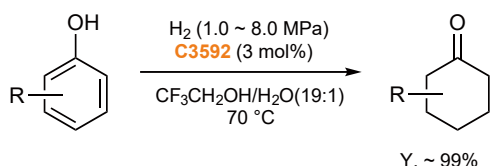
- Utilized in selective hydrogenation of aromatic rings in aromatic ketones
- Suitable for the conversion of phenols to cyclohexanones
- Effective in *cis*-selective hydrogenation of multisubstituted aromatic compounds

Applications

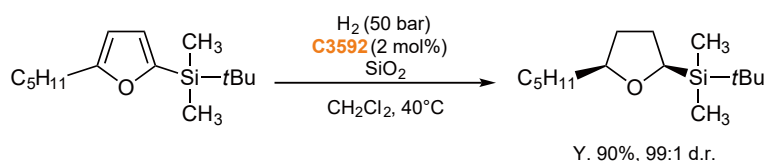
Hydrogenation of aromatic ketones¹⁾



Hydrogenation of phenols¹⁾



Hydrogenation of silylated arenes²⁾



References 1) Y. Wei, B. Rao, X. Cong, X. Zeng, *J. Am. Chem. Soc.* **2015**, *137*, 9250. DOI: <https://doi.org/10.1021/jacs.5b05868>
2) M. P. Wiesenfeldt, T. Knecht, C. Schleppehorst, F. Glorius, *Angew. Chem. Int. Ed.* **2018**, *57*, 8297. DOI: <https://doi.org/10.1002/anie.201804124>

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]

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