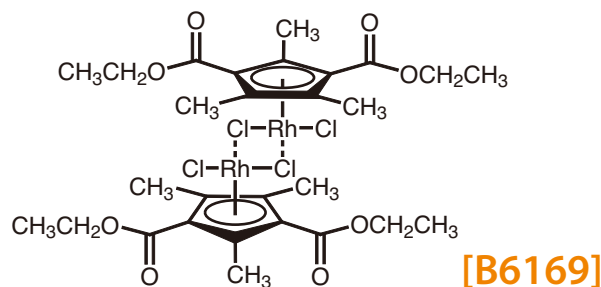
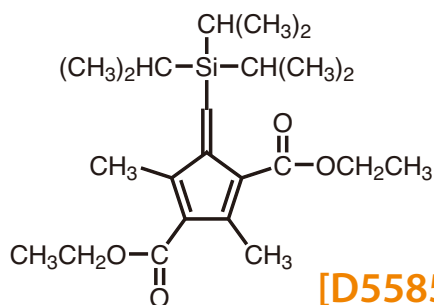


New

CHEMISTRY

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Electron-deficient Cyclopentadienyl Ligand Precursor and its Rhodium Complex

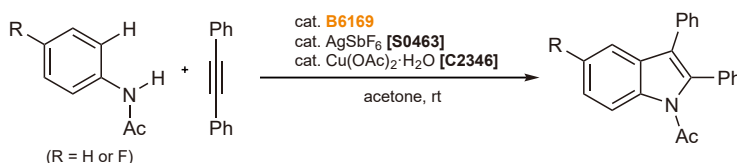


Advantages

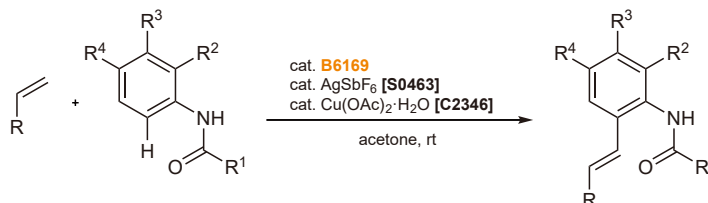
- **D5585** is a precursor of the electron-deficient cyclopentadienyl ligand (Cp^E) and utilized in the formation of metal complex by simple operation.
- **B6169** is a powerful precatalyst for C-H bond activation.

Applications

Oxidative annulation of anilides with alkynes^{1,2)}



Oxidative olefination of anilides with alkenes³⁾



Cited References

- 1) Y. Shibata, K. Tanaka, *Angew. Chem. Int. Ed.* **2011**, 50, 10917.
- 2) Y. Hoshino, Y. Shibata, K. Tanaka, *Adv. Synth. Catal.* **2014**, 356, 1577.
- 3) Y. Takahama, Y. Shibata, K. Tanaka, *Chem. Eur. J.* **2015**, 21, 9053.

Diethyl 2,4-Dimethyl-5-[(triisopropylsilyl)methylene]-1,3-cyclopentadiene-1,3-dicarboxylate (*cis*- and *trans*- mixture) 1g **[D5585]**
 [1,3-Bis(ethoxycarbonyl)-2,4,5-trimethylcyclopentadien-1-yl]rhodium(III) Dichloride Dimer (= $[Cp^E RhCl_2]_2$) 200mg **[B6169]**

Related Products

Silver Hexafluoroantimonate(V) (= $AgSbF_6$) 5g / 25g **[S0463]**
 Copper(II) Acetate Monohydrate (= $Cu(OAc)_2 \cdot H_2O$) 25g / 500g **[C2346]**
 (Pentamethylcyclopentadienyl)rhodium(III) Dichloride Dimer (= $[Cp^*RhCl_2]_2$) 200mg / 1g **[P1788]**
 Rhodium(III) Chloride Hydrate (= $RhCl_3 \cdot xH_2O$) 250mg / 1g **[R0244]**

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