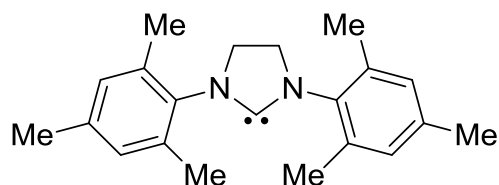
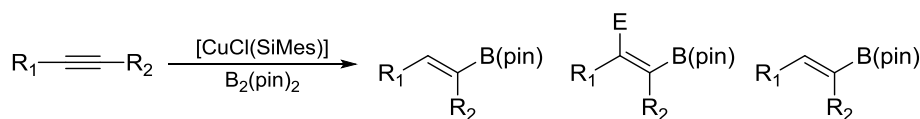


Catalog # 07-0605 1,3-Bis(2,4,6-trimethylphenyl)-4,5-dihydroimidazol-2-ylidene, min. 98%

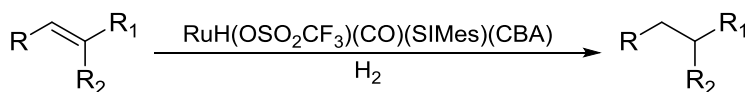


**Technical Notes:**

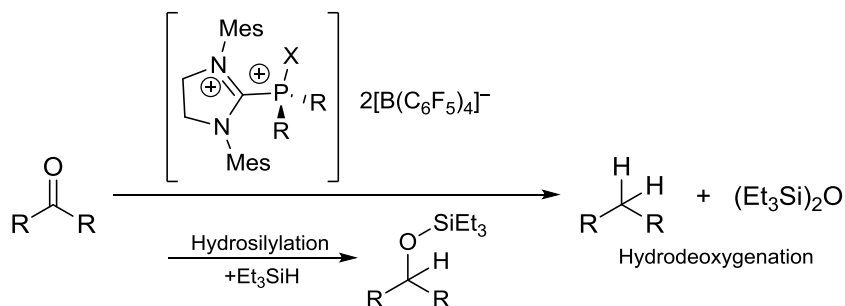
1. Ligand for copper-catalyzed regioselective formation of tri- and tetrasubstituted vinylboronates in air.
2. Ligand for highly active ruthenium catalyst for hydrogenation of olefins.
3. Electrophilic phosphonium cations component for ketone catalytic hydrodeoxygenation/hydrosilylation.
4. Used in selective activation of fluoroalkenes to produce N-heterocyclic fluoroalkenes and polyfluoroalkenyl imidazolium salts.



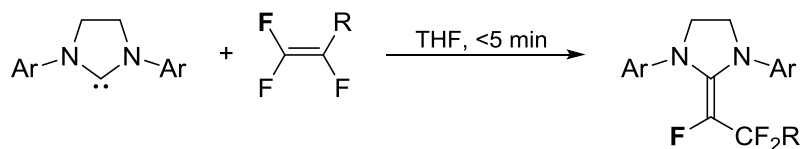
**Tech. Note (1)**  
**Ref. (1)**



**Tech. Note (2)**  
**Ref. (2)**



**Tech. Note (3)**  
**Ref. (3)**



**Tech. Note (4)**  
**Ref. (4)**

**References:**

1. *ACS Catal.*, **2014**, 4, 1564.
2. *J. Am. Chem. Soc.*, **2015**, 137, 5582.
3. *Angew. Chem. Int. Ed.*, **2015**, 54, 8250.
4. *Chem. Eur. J.*, **2016**, 22, 8063.