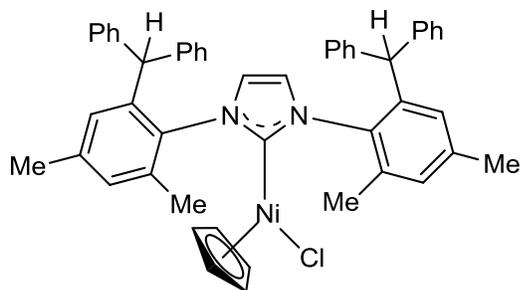


Catalog # 28-1095 Chloro(cyclopentadienyl){1,3-bis[2-(diphenylmethyl)-4,6-dimethylphenyl]1H-imidazolium}nickel(II)



Technical Notes:

Complexes of this type are pre-catalysts for Suzuki-Miyaura² and Buchwald-Hartwig^{3,4} cross-couplings, and for hydrosilylation⁴ and hydrothiolation⁵ of alkenes.

References:

1. *Dalton Trans.* **2016**, 45, 11772
2. *Dalton Trans.* **2010**, 39, 8153
3. *Organometallics* **2013**, 32, 6265
4. *Organometallics* **2005**, 24, 3442-3447.
5. *Organometallics* **2006**, 25, 4462