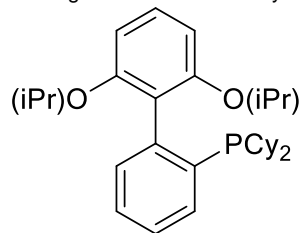


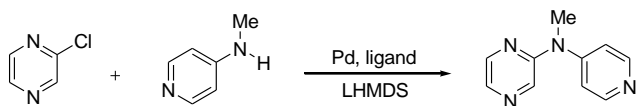
Catalog # 15-1146 2-Dicyclohexylphosphino-2',6'-di-i-propoxy-1,1'-biphenyl, min. 98% RuPhos



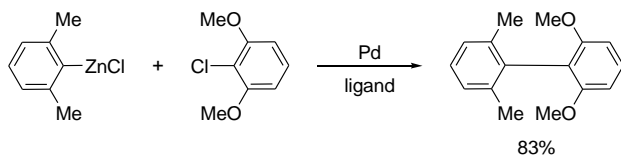
Note: Buchwald Biaryl Phosphine Ligand Kit component. Patents US 6,395,916, US 6,307,087.

Technical Notes:

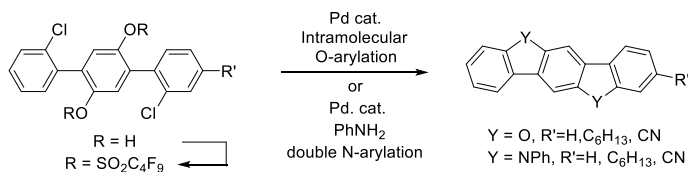
- Versatile Ligand for the Pd-catalyzed coupling of secondary arylamines and alkylamines.
 - See also [46-0266](#), [46-0366](#)
 - See reference 7, 8.
- Ligand used for the Pd-catalyzed Negishi cross-coupling reaction of (hetero)arylchlorides.
- Synthesis of ladder-type π -conjugated heteroacenes via palladium-catalyzed double N-arylation and intramolecular O-arylation.
- A palladium-catalyzed regiospecific synthesis of N-aryl benzimidazoles,
- Versatile ligand used for the Pd-catalyzed C-N coupling reaction of secondary aryl- and alkyl-amines at low temperature with the Pd precatalyst.
- Ligand used for the Pd-catalyzed Suzuki-Miyaura coupling of aryl chloride and NHC-boranes.
- Ligand for the palladium-catalyzed trifluoromethylation of hindered aryl chlorides.
- Ligand used for the palladium-catalyzed coupling of alkyl boronates.



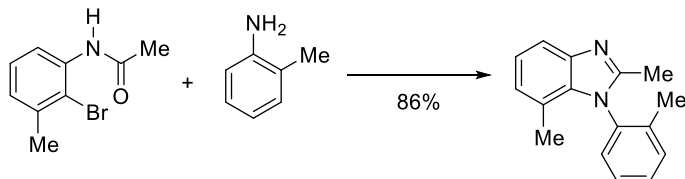
Tech. Note (1)
Ref. (7.8)



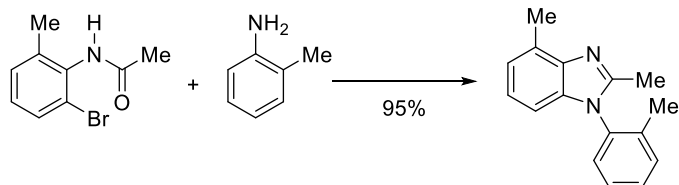
Tech. Note (2)
Ref. (1)

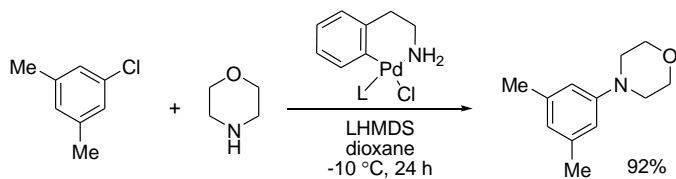


Tech. Note (3)
Ref. (3)

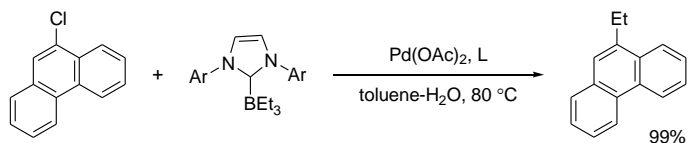


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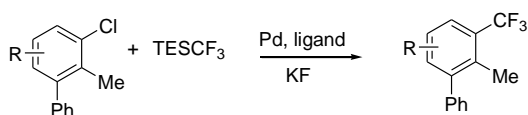




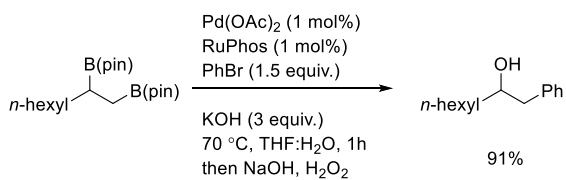
Tech. Note (5)
Ref. (4)



Tech. Note (6)
Ref. (5)



Tech. Note (7)
Ref. (6)



Tech. Note (8)
Ref. (9)

References:

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