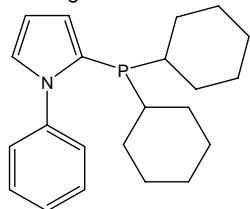


Catalog # 15-3610 N-Phenyl-2-(dicyclohexylphosphino)pyrrole, 90% [cataCXium® PCy]

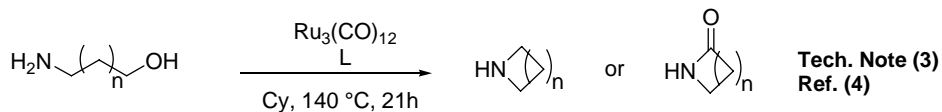
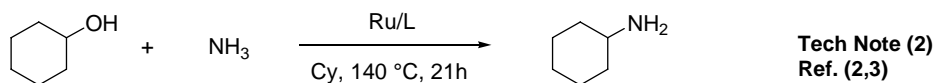
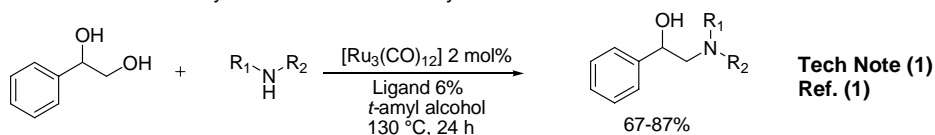


Note: Sold in collaboration with Solvias for research purposes only. Patent Application pending. Solvias cataCXium® Ligand Kit component.

Contains ca. 10% of the regioisomer, N-(2-(dicyclohexylphosphinophenyl)pyrrole).

Technical Notes:

1. Useful ligand for the Ru-catalyzed amination of diols.
2. Direct amination of secondary alcohols with ammonia.
3. Amino-alcohol cyclization to lactams or cyclic amines.



References:

1. *Chem. Sus. Chem.*, **2009**, 2, 551.
2. *Angew. Chem. Int. Ed.*, **2010**, 49, 8130.
3. *Angew. Chem. Int. Ed.*, **2010**, 49, 8126.
4. *Catal. Sci. Technol.*, **2014**, 4, 47.