



phosphoamido cobalt (II) catalyst
 $\text{C}_p^* = \text{C}_5\text{Me}_5$

Ref: *Nat. Commun.* 2020, 11, 1249, 1-9.

Title: Controlled partial transfer hydrogenation of quinolines by cobalt-amido cooperative catalysis

THF = Tetrahydrofuran
9-BBN = 9-Borabicyclo(3.3.1)nonane
DAST = Diethylaminosulfur trifluoride
DCM = Dichloromethane
Deoxo-Fluor = Bis(2-methoxyethyl)aminosulfur trifluoride