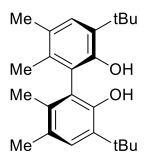
## Strem Chemicals, Inc.

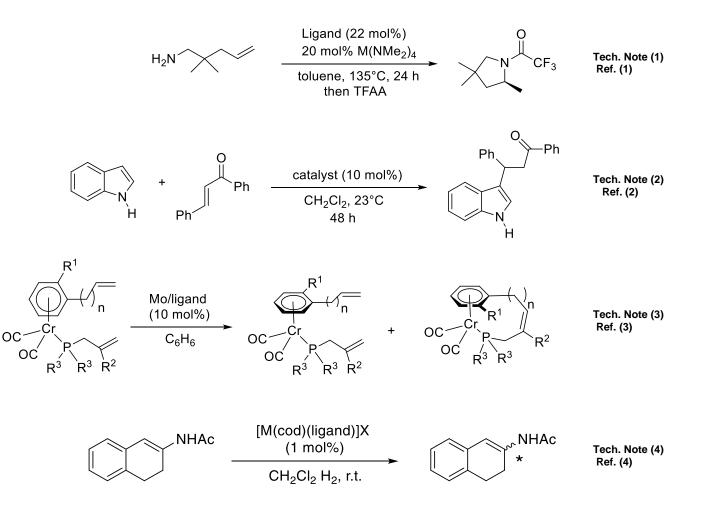
## www.strem.com

Catalog # 08-2046 (R)-(+)-5,5',6,6'-Tetramethyl-3,3'-di-t-butyl-1,1'-biphenyl-2,2'-diol, 99% (R)-BIPHEN H<sub>2</sub>



**Technical Notes:** 

- 1. Zirconium bis(amido) catalysts for asymmetric intramolecular alkene hydroamination.
- 2. Electron-withdrawing, biphenyl-2,2'-based compounds for asymmetric catalysis.
- Kinetic resolution of planar-chiral (η<sup>6</sup> arene) chromium complexes by molybdenum-catalyzed asymmetric ringclosing metathesis.
- Alternatives to phosphinooxazoline (t-BuPHOX) ligands in the metal-catalyzed hydrogenation of minimally functionalized olefins and cyclic β-enamides.



- References:
  1. Organometallics, 2006, 25, 4731.
  2. Eur. J. Org. Chem., 2010, 3027.
  3. Angew. Chem. Int. Ed., 2012, 51, 2951
  4.. Adv. Synth. Catal., 2017, 359, 2801.