Berichtigungen

Highly Regio- and Enantioselective Copper-Catalyzed Hydroboration of Styrenes

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In der Einleitung dieser Zuschrift muss der dritte Satz im ersten Absatz auf S. 6178 wie folgt enden: „ ; so far, only combinations of rhodium complexes and catecholborane (CatBH) have shown the desirable high regioselectivity and enantioselectivity.[4,5] “ Die Autoren möchten überdies die Literaturzitate [4c] und [14b] ergänzen. Die vollständigen Literaturstellen [4] und [14] sind hier angegeben.

[4] For a review of rhodium-catalyzed enantioselective hydroboration, see: a) A.-M. Carroll, T. P. O'Sullivan, P. J. Guiry, *Adv. Synth. Catal.* **2005**, *347*, 609 – 631; b) T. Hayashi, Y. Matsumoto, Y. Ito, *Tetrahedron: Asymmetry* **1991**, *2*, 601 – 612; for a regio- and enantioselective hydroboration with CatBH at ambient temperature, see: c) H. Doucet, E. Fernandez, T. P. Layzell, J. M. Brown, *Chem. Eur. J.* **1999**, *5*, 1320–1330.

[14] An NHC–copper-catalyzed hydroboration of styrene with catecholborane has been reported. Incomplete conversion (73–95 %) and low regioselectivity (α/β 1:2.3–7.3) in favor of the linear isomer were observed: a) V. Lillo, M. R. Fructos, J. Ramírez, A. A. C. Braga, F. Maseras, M. M. Díaz-Requejo, P. J. Pérez, E. Fernández, *Chem. Eur. J.* **2007**, *13*, 2614 – 2621. A copper-catalyzed regio- and enantioselective synthesis of β-borylated product from vinyl arenes with bis(pinacolato)diboron and methanol has recently been reported: b) Y. Lee, A. H. Hoveyda, *J. Am. Chem. Soc.* **2009**, *131*, 3160 – 3161.

