Angewandte Berichtigung

Catalytic Dynamic Kinetic Resolutions with N-Heterocyclic Carbenes: Asymmetric Synthesis of Highly Substituted β-Lactones

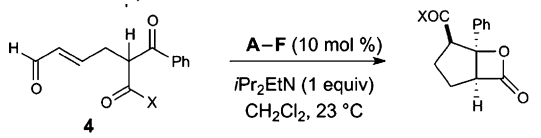
D. T. Cohen, C. C. Eichman, E. M. Phillips, E. R. Zarefsky, K. A. Scheidt* ——— **7421–7425**

Angew. Chem. **2012**, *124*

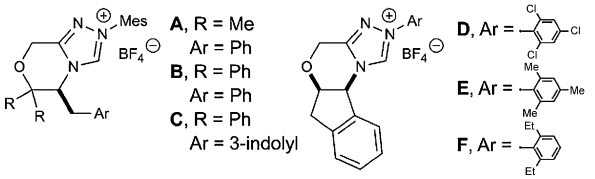
DOI: 10.1002/ange.201203382

Tabelle 1 dieser Zuschrift enthält falsche *ee*-Werte für Nr. 1–7. Die korrigierten Einträge sind hier gezeigt.

Tabelle 1: Reaction optimization.[a]



Entry	Variation of the standard conditions	P:SM[b]	d.r.[c]	*ee* [%][d]
1	**A**, X = OEt	2:3	4:1	n.d.
2	**B**, X = OEt	1.2:1	5:1	n.d.
3	**C**, X = OEt	1:20	–[e]	–
4	**D**, X = OEt	1:3	4:1	n.d.
5	**E**, X = OEt	> 20:1 (31)[f]	7:1	90
6	**F**, X = OEt	> 20:1 (72)	5:1	99
7	**F**, X = NBn_2	> 20:1	1:1	n.d.
…	…	…	…	…



[a] See the Supporting Information for details. [b] Ratio of product (P) to starting material (SM) determined by ^{1}H NMR spectroscopy (500 MHz). Number in parentheses is the isolated yield of both diastereomers (on a 0.4 mmol scale). [c] Ratio determined by ^{1}H NMR spectroscopy (500 MHz) prior to purification. [d] Enantiomeric excess of the major diastereomer determined by HPLC. [e] Starting material recovered. [f] Yield of major diastereomer only. … n.d. = not determined.