

Correction to Stereoselective Synthesis of Unsymmetrical β,β -Diarylacrylates by a Heck–Matsuda Reaction: Versatile Building Blocks for Asymmetric Synthesis of β,β -Diphenylpropanoates, 3-Aryl-indole, and 4-Aryl-3,4-dihydro-quinolin-2-one and Formal Synthesis of (–)-Indatraline

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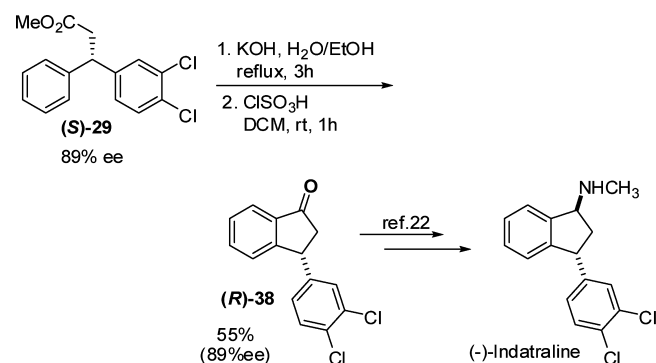
J. Org. Chem. **2011**, *76*, 857–869. DOI: 10.1021/jo102134v.

Page 866. The configuration of **38** was incorrectly assigned and depicted in Scheme 4. Compound **38** is derived from enantiomerically enriched **29**, which was correctly designated as the *S* enantiomer by comparison of its optical rotation with the literature value. Therefore, it follows that upon cyclization, the absolute configuration of compound **38** should be *R*.

Page 869. In light of the incorrect assignment of **38**, the title for this compound in the Experimental Section has been duly amended. Moreover, identification of the HPLC peaks have been changed in accordance with the new stereochemical assignment.

(R)-3-(3,4-Dichlorophenyl)-2,3-dihydroinden-1-one (38). Product obtained as a white solid (55% yield over 2 steps) following the procedure reported in the literature.^{3a} mp 110–111 °C; R_f = 0.32 (hexanes/EtOAc, 8:1) after visualization by vanillin; δ_H (250 MHz, CDCl₃) 7.82 (1H, d, *J* 7.5), 7.58 (1H, td, *J* 1.3, 7.5), 7.37–7.49 (2H, m), 7.22–7.28 (2H, m), 6.93 (1H, dd, *J* 2.0, 8.3), 4.52 (1H, dd, *J* 3.8, 8.0), 3.18 (1H, dd, *J* 8.3, 19.3), 2.57 (1H, dd, *J* 4.0, 19.3); δ_C (62.5 MHz, CDCl₃) 204.9, 156.5, 143.9, 136.7, 135.4, 130.8, 129.7, 128.3, 126.9, 123.5, 46.5, 43.6. NMR data were consistent with the literature values. The ee (89% ee) was measured by chiral HPLC on an OD column (ⁱPrOH/hexane 1:99 to 15:85 over 10 min then hold at this ratio for 6 min, 0.8 mL/min, λ = 254 nm): (*S*)-enantiomer t_R = 11.30 min and (*R*)-enantiomer t_R = 12.15 min. $[\alpha]_D^{20}$ –50.0 (*c* = 1.1, CHCl₃).

Scheme 4. Enantioselective Formal Synthesis of (–)-Indatraline



Published: May 16, 2012