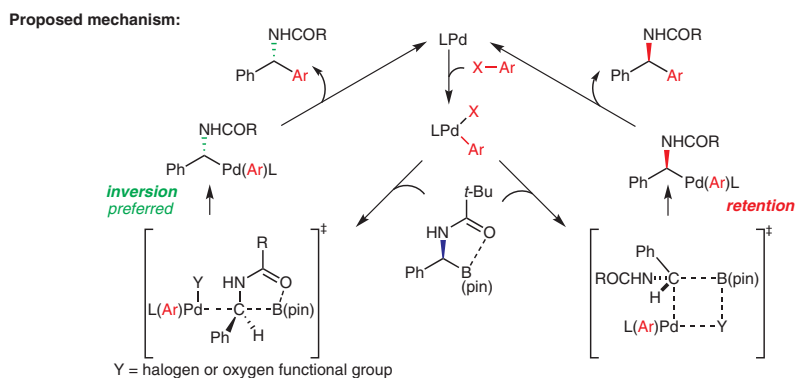
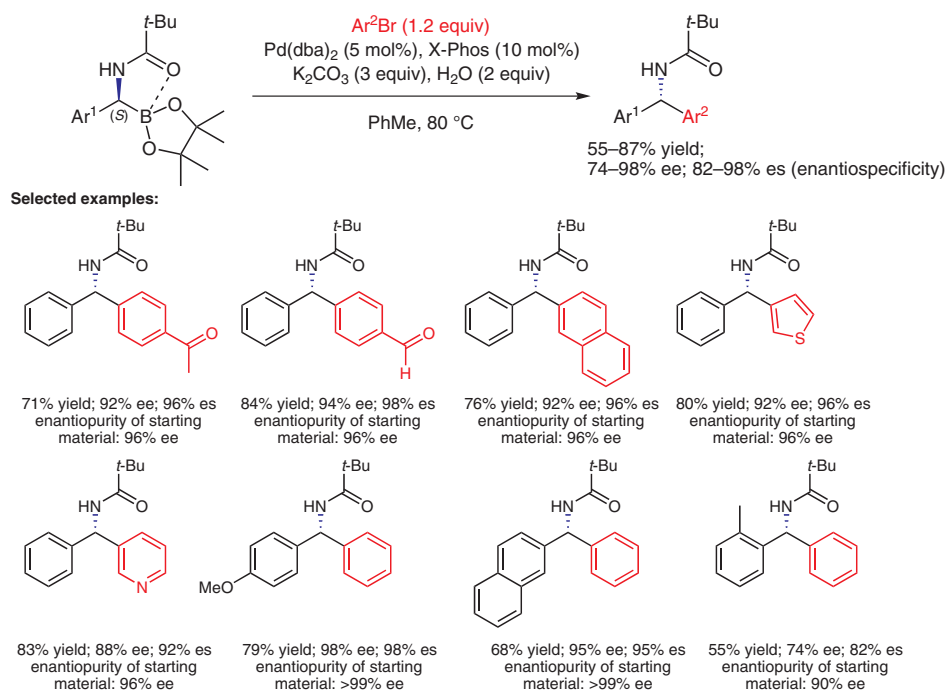


T. OHMURA,* T. AWANO, M. SUGINOME* (KYOTO UNIVERSITY, JAPAN)
 Stereospecific Suzuki–Miyaura Coupling of Chiral α -(Acylamino)benzylboronic Esters with Inversion of Configuration
J. Am. Chem. Soc. **2010**, *132*, 13191–13193.

Stereospecific Suzuki Coupling with Inversion of Stereoconfiguration



Significance: This article reports on the Suzuki–Miyaura coupling of enantioenriched α -(acylamino)benzylboronic acid that surprisingly proceeds with inversion of stereoconfiguration.

Comment: Strong intramolecular coordination of the carbonyl group to boron is considered responsible for the preferred backside attack of the palladium complex on the benzylic carbon atom.

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 Synfacts 2010, 12, 1403–1403 Published online: 22.11.2010
 DOI: 10.1055/s-0030-1258850; Reg-No.: P13710SF

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Category

Metal-Mediated Synthesis

Key words

stereospecificity

Suzuki cross-coupling

Csp³–Csp² coupling

palladium

SYNFACT
of the month

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