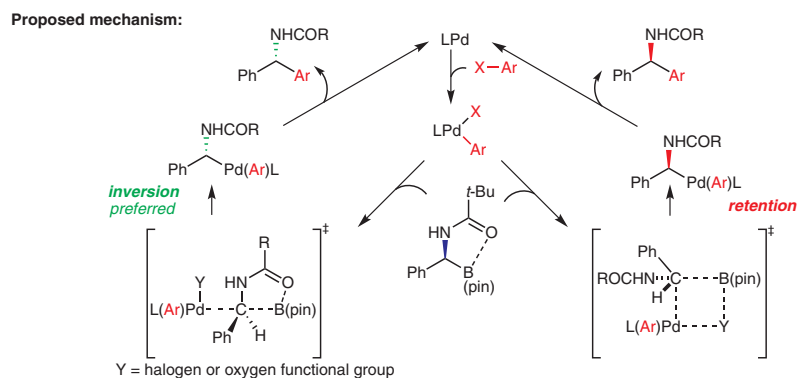
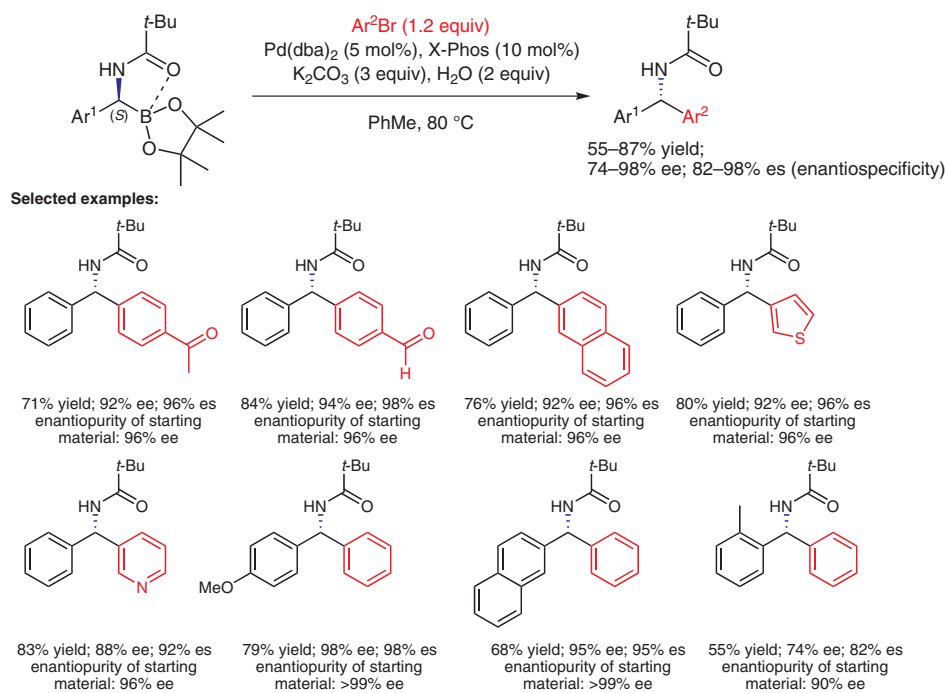


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 Stereospecific Suzuki–Miyaura Coupling of Chiral  $\alpha$ -(Acylamino)benzylboronic Esters with Inversion of Configuration  
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# Stereospecific Suzuki Coupling with Inversion of Stereoconfiguration



**Significance:** This article reports on the Suzuki–Miyaura coupling of enantioenriched  $\alpha$ -(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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stereospecificity

Suzuki cross-coupling

Csp<sup>3</sup>–Csp<sup>2</sup> coupling

palladium

**SYNFACT**  
*of the month*

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