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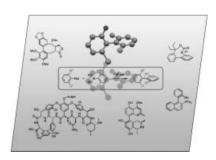
Pages 4207-4466

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COVER PICTURE

The cover picture shows the general scheme for the asymmetric biaryl Suzuki coupling, which is surrounded by examples of axially chiral biaryls attainable by this method (bioactive natural products and chiral metal ligands). Various diastereoselective approaches with planar-to-axial or centralto-axial chirality induction, as well as diastereo- or enantiostereoselective approaches with chiral palladium ligands were described in recent years and are presented in the Microreview by O. Baudoin on p. 4223 ff.



MICROREVIEWS Contents

4223 O. Baudoin*

The Asymmetric Suzuki Coupling Route to Axially Chiral Biaryls

$$\begin{array}{c|cccc}
R^1 & & & & \text{chiral reactant} \\
RO & & & & & \text{or} \\
RO & & & & & \text{chiral ligand} \\
RO & & & & & & \\
R^2 & & & & & & \\
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RO & & & & & & \\
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R^3$$

Keywords: Asymmetric catalysis / Axially chiral biaryls / Suzuki coupling