



Palladium Catalysts for Cross-Coupling Reaction

Guest Editor:

Prof. Dr. Kei Manabe

School of Pharmaceutical
Sciences, University of Shizuoka,
52-1 Yada, Suruga-ku, Shizuoka
422-8526, Japan

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Message from the Guest Editor

Dear Colleagues,

Palladium is definitely one of the most important transition metals in organic synthesis. The significance of palladium catalysts is evident by the fact that the Nobel Prize in Chemistry 2010 was awarded to Richard F. Heck, Ei-ichi Negishi, and Akira Suzuki “for palladium-catalyzed cross couplings in organic synthesis”. Though the cross coupling chemistry emerged during the 1970s, this research field is still evolving and considerable attention is being given to investigate new catalytic reactions such as stereo- and site-selective cross coupling, reactions with less reactive leaving groups, and cross coupling at C-H positions. This special issue will cover significant development in the exciting field of palladium-catalyzed cross coupling.

Prof. Dr. Kei Manabe

Guest Editor

