

Internal Seminar

Design, Synthesis and Characterization of Zwitterionic Palladium Complexes and Their Application as Catalysts in Suzuki-Miyaura Cross-Coupling Reactions in Neat Water and the Related Coupling Reactions in Organic Medium

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The zwitterionic palladium complexes were synthesized by the oxidative addition of C-Cl bond of imidazolium substituted chloroquinoxaline with commercially available $\text{Pd}(\text{PPh}_3)_4$ or $\text{Pd}_2(\text{dba})_3/\text{PPh}_3$. All these Pd-complexes were characterized by using NMR spectroscopy and determined by using single crystal X-ray technique. The Pd-complexes ability was examined for Suzuki-Miyaura cross-coupling reactions in neat water and the related coupling reactions in organic medium.

Wednesday, Mar 21st 2018

10:30 AM (Tea/Coffee at 10:00 AM)

Seminar Hall, TIFR-H