



Solid-Supported Reagents in Palladium-Catalyzed Transformations

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Message from the Guest Editor

Immobilization of the palladium catalyst on a solid and insoluble support can drive to advantages related to its easier isolation and recycling compared to the cases of soluble counterparts, or its use in continuous flow chemistry. In the last years, many examples have been reported on the use of palladium species, such as complexes or nanoparticles, anchored to a solid support as recyclable catalysts. Thus, numerous solid supports have been employed for anchoring the palladium species, such as polymers, silica-related materials, metal oxides, carbon-based structures, metal organic frameworks, etc. However, despite these developments, plenty of work is still ahead to achieve supported catalytic palladium systems successfully applicable to all reactions suitable to being carried out under homogeneous conditions above mentioned, paying special attention to aspects, such as their high reactivity and recyclability.

This Special Issue of Catalysts aims to provide a diverse overview of the latest developments in the preparation of solid-supported palladium species and their use as catalysts in all these interesting chemical transformation

