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# Influence of the medium self-organization on the catalytic activity of palladium nanoparticles stabilized by amphiphilic phosphonium salts in the Suzuki reaction

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## Abstract

© 2014 Springer Science+Business Media New York. The influence of the aggregation properties of the medium on the catalytic activity of palladium nanoparticles stabilized by amphiphilic phosphonium salts was demonstrated for the Suzuki coupling of bromoarenes and phenylboronic acid.

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## Keywords

aggregation, bromoarenes, catalysis, cross-coupling reactions, palladium nanoparticles, phosphonium salts