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## Palladium-Catalysed Cross-Coupling Reactions for the Synthesis of Chalcones

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### Abstract

In this Minireview, we discuss some of the important palladium-catalysed cross-coupling reactions utilised in the synthesis of the enone system of chalcones. Examples given here not only exemplify the efficiency and practicality of new C-C bond formation of the enone system via palladium-catalysed reactions but also reflect some of the revolutionary methods used for the preparation of a more complex and valuable chalcone scaffold which is known to be a privileged structure in the field of medicinal chemistry.

### Keywords

Author Keywords: palladium; chalcones; enones; C-C coupling

KeyWords Plus: CARBONYLATIVE HECK REACTIONS; BIOLOGICAL-ACTIVITY; TETRAFLUOROBORATE SALTS; ISOMERIZATION SYNTHESIS; N-VINYLPYRIDINIUM; ACID-CHLORIDES; ARYL BROMIDES; IN-SILICO; EX-SITU; FLAVONOIDS

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