

# Transition Metal Catalyzed Synthesis of Substituted Indoles via C-H Functionalization <sup>†</sup>

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**Abstract:** Indole is one of the most ubiquitous heterocycles found in nature. Owing to significant biological activities, indole has become an important component in many pharmaceutical agents. Consequently, their preparation has been a major area of research for well over a hundred years. Recently, C–H functionalization reactions have become one of the most attractive strategies to produce this *N*-containing heterocycle in a step and atom economic route. Herein, we majorly focussed on the synthesis of indoles *via* inter and intramolecular Fujiwara-Moritani type reactions.

**Keywords:** transition metal catalyst; C–H functionalization; heterocycles.

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## Conflicts of Interest

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