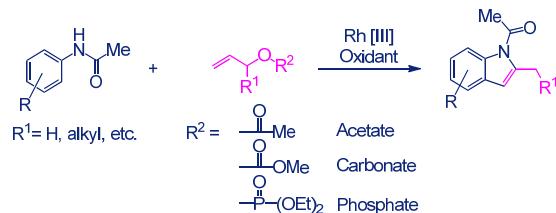


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### Objective

Transition metal-catalyzed C-H bond functionalization of organic molecules has been recognized as a powerful atom-economy strategy for the synthesis of a variety of heterocycles.<sup>1</sup> The preparation of 2,3-disubstituted indoles by Pd-, Ru- and Rh-catalyzed cyclization of aniline derivatives with *internal* alkynes has been intensively studied over the last few years.<sup>2</sup>

Herein, we report a new synthesis of 2-substituted indoles<sup>3</sup> by tandem Rh-catalyzed cyclization of acetanilides with allylic derivatives, thus showing the equivalency of these coupling partners with *terminal*/alkynes.



### 2-Methylindoles 3 by Tandem Rh-Catalyzed Cyclization of Substituted Acetanilides

