

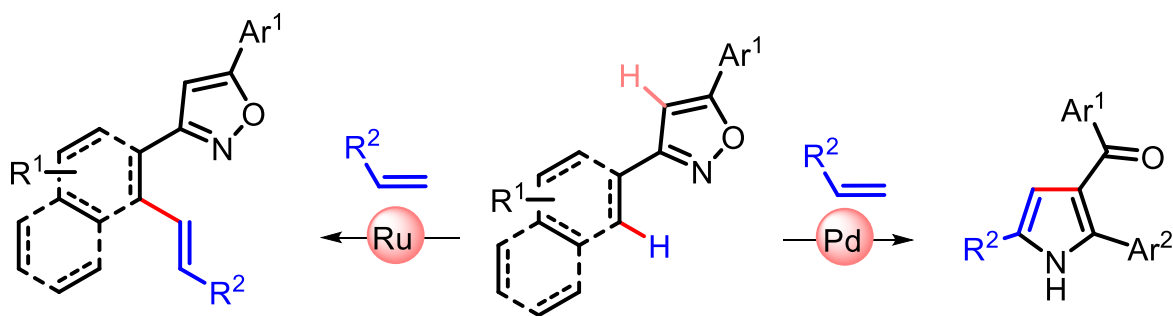
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Metal Controlled Site-Selective Alkenylation of Isoxazole

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Abstract: Isoxazoles, being part of several biologically relevant molecules, serve as versatile intermediates that have been extensively employed in several catalytic transformations to afford a diverse array of synthetically useful heterocycles.¹ Our interest in developing new protocols for the synthesis of various bioactive heterocyclic compounds by employing directing group assisted C-H activation strategy,² we disclose herein, the transition metal catalysed site-selective C-H alkenylation of isoxazoles.



References:

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2. (a) Das, R.; Kapur, M. *Chem. -Eur. J.* **2016**, 22, 16986. (b) Kumar, G. S.; Kumar, P.; Kapur, M. *Org. Lett.* **2017**, 19, 2494.