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Title:	Pd(ii)-catalyzed annulation of terminal alkynes with 2-pyridinyl-substituted p-quinone methides: direct access to indolizines
Authors:	Ahmad, Feroz (/jspui/browse?type=author&value=Ahmad%2C+Feroz) Ranga, Pavit K. (/jspui/browse?type=author&value=Ranga%2C+Pavit+K.) Pankhade, Yogesh A. (/jspui/browse?type=author&value=Pankhade%2C+Yogesh+A.) Fatma, Shaheen (/jspui/browse?type=author&value=Fatma%2C+Shaheen) Gouda, Ashrumochan (/jspui/browse?type=author&value=Gouda%2C+Ashrumochan) Anand, Ramasamy Vijaya (/jspui/browse?type=author&value=Anand%2C+Ramasamy+Vijaya)
Keywords:	Pd(ii)-catalyzed annulation terminal alkynes 2-pyridinyl-substituted p-quinone methides
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Publisher:	Royal Society of Chemistry
Citation:	Chemical Communications, 58(95), 13238-13241.
Abstract:	A Pd-catalyzed direct method has been developed to access 1,3-disubstituted indolizines. This reaction proceeds through a regiospecific annulation of terminal alkynes with 2-pyridinyl-substituted p-quinone methides and, in most of the cases, the desired 1,3-disubstituted indolizines were obtained in moderate to good isolated yields. The control experiments suggested that the reaction does proceed through a substrate-controlled regiospecific formal [3 + 2]-annulation pathway.
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