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Title:	Magnetic nano Fe ₃ O ₄ and CuFe ₂ O ₄ as heterogeneous catalysts: A green method for the stereo- and regioselective reactions of epoxides with indoles/pyrroles
Authors:	Parella, R. (/jspui/browse?type=author&value=Parella%2C+R.) Naveen (/jspui/browse?type=author&value=Naveen) Babu, S.A. (/jspui/browse?type=author&value=Babu%2C+S.A.)
Keywords:	C-C bond formation Chiral epoxides
Issue Date:	2012
Publisher:	Elsevier B.V
Citation:	Catalysis Communications, 29, pp. 118-121.
Abstract:	In this paper, we report a new solvent-free catalytic method using the magnetic nano Fe ₃ O ₄ and CuFe ₂ O ₄ as competent heterogeneous catalysts for the stereo- and regioselective reactions of epoxides with indoles/pyrroles, which gave the C-alkylated indoles/pyrroles. Chiral epoxides gave the alkylated indoles with a complete inversion of stereochemistry.
URI:	http://www.sciencedirect.com/science/article/pii/S156673671200369X (http://www.sciencedirect.com/science/article/pii/S156673671200369X)
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