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Difluorocarbene Addition to Alkenes and Alkynes in Continuous Flow. —

A scalable difluorocyclopropanation of a broad range of alkenes is developed, including alkyl and aryl 1-substituted, 1,1 and 1,2-disubstituted as well as trisubstituted derivatives. The reaction is applicable to the cyclopropanation of terminal and internal alkenes, and the oxidation of these products to cyclopropanones is demonstrated as well as the combination with a cycloaddition reaction under continuous flow conditions for the synthesis of fluoropyridazines. — (RULLIERE, P.; CYR, P.; CHARETTE*, A. B.; Org. Lett. 18 (2016) 9, 1988-1991, <http://dx.doi.org/10.1021/acs.orglett.6b00573>; Dep. Chem., Univ. Montreal, Montreal, Que. H3C 3J7, Can.; Eng.) — F. Schill



