

Graphical Abstracts/J. Fluorine Chem. 128 (2007) 1429–1430

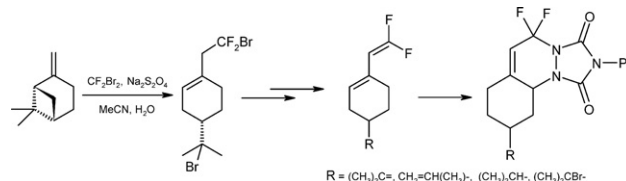
J. Fluorine Chem., 128 (2007) 1431

Sodium dithionite initiated addition of CF_2Br_2 to β -pinene and reactions of the adduct. Synthesis and the reactivity of new 1,1-difluorodienes

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Sodium dithionite promoted addition of CF_2Br_2 to β -pinene afforded 1-(2-bromo-2,2-difluoroethyl)-4-(2-bromoisopropyl)-cyclohexene. Dehydrobromination and reductive debromination of the adduct lead to a number of new 1,1-difluorodienes which readily reacted with 4-phenyl-3*H*-1,2,4-triazoline-3,5-dione to give cycloadducts, derivatives of triazolo[1,2- α]cinnoline.



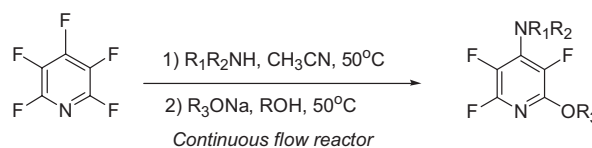
J. Fluorine Chem., 128 (2007) 1439

Continuous flow glassware reactors for the laboratory. Synthesis of 2-alkoxy-4-aminotrifluoropyridine derivatives from pentafluoropyridine

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Inexpensive continuous flow glassware reactors, suitable for laboratory use, have been used for the synthesis of polysubstituted fluoropyridine derivatives.

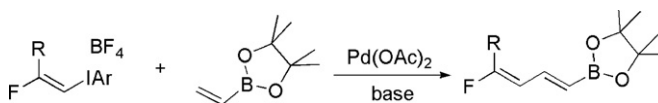


J. Fluorine Chem., 128 (2007) 1444

Stereoselective synthesis of 4-fluoro-1,3-alkadienylboronates and their application in the stereoselective synthesis of fluoropolyenes

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Synthesis and characterisation of 3- and 4-(pentafluorosulfanyl)benzoic acid derivatives. X-ray structure of 3-SF₅-C₆H₄-COOH

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High yields of 3- and 4-(pentafluorosulfanyl)benzoic acids are obtained through four step syntheses starting from the corresponding nitro-(pentafluorosulfanyl)benzene derivatives.

