



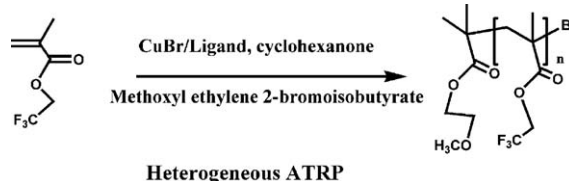
## Graphical Abstracts/J. Fluorine Chem. 132 (2011) 559–561

J. Fluorine Chem., 132 (2011) 562

## Low-fluorinated homopolymer from heterogeneous ATRP of 2,2,2-trifluoroethyl methacrylate mediated by copper complex with nitrogen-based ligand

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This paper reports low-fluorinated homopolymer from heterogeneous atom transfer radical polymerization (ATRP) of 2,2,2-trifluoroethyl methacrylate (TFEMA) using bpy, PMDETA, Me<sub>6</sub>TREN as representative for di-, tri-, and tetradentate amines ligands, respectively.

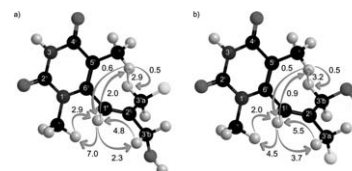


J. Fluorine Chem., 132 (2011) 573

## Synthesis, structural and conformational studies of Z- and E-isomers of fluorinated C-6 isobutenyl N-methyl thymine derivatives

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Syntheses of fluorinated C-6 isobutenyl substituted N-methyl thymine derivatives are reported. The conformational study of Z- and E-isomer of monofluorinated derivative as model compound for development of PET tracer is also presented.

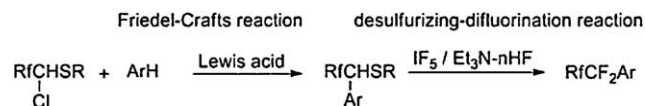


J. Fluorine Chem., 132 (2011) 579

## A novel method for introducing a polyfluoroalkyl group into aromatic compounds

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*J. Fluorine Chem.*, 132 (2011) 587

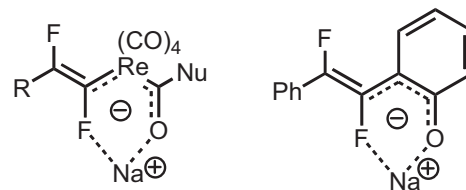
## C–F...M<sup>+</sup> interaction in anionic $\alpha$ -fluorovinyl rhenium oxycarbene complexes and their $\beta$ -fluoroenolate analogs

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The <sup>19</sup>F NMR shows that CF<sub>3</sub> M<sup>+</sup> (M = Na, Li) interaction in  $\alpha$ -fluorovinyl rheniumoxycarbene anions and the analogous  $\beta$ -fluoroenolate is not broken in a donorsolvent (THF). The study, including DFT calculations, reveals the role of conjugation instabilizing such F...O-chelates.

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## Synthesis, characterization, and derivatization of some novel types of fluorinated mono- and bis-imidazolidineiminothiones with antitumor, antiviral, antibacterial, and antifungal activities

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*J. Fluorine Chem.*, 132 (2011) 612

## Synthesis and characterization of novel fluorescent BOPIM dyes with large Stokes shift

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*J. Fluorine Chem.*, 132 (2011) 617

## Synthesis, characterization and pharmacological activities of 2-[4-cyano-(3-trifluoromethyl)phenyl amino]-4-(4-quinoline/coumarin-4-yloxy)-6-(fluoropiperazinyl)-s-triazines

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*J. Fluorine Chem.*, 132 (2011) 628

## Synthesis of fluoroacylated 4,5-dihydrofurans and fluoroalkylated tetrahydrofurans by the radical cyclization using manganese(III) acetate. Part II

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*J. Fluorine Chem.*, 132 (2011) 636

## An efficient and general route to the synthesis of diethyl $\alpha,\alpha$ -bromofluorophosphonates

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