

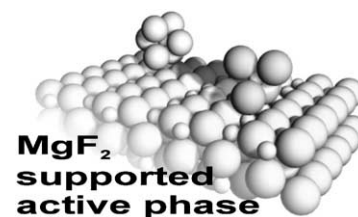
Graphical Abstracts/J. Fluorine Chem. 120 (2003) v–viii

J. Fluorine Chem., **120** (2003) 1

MgF₂ as a non-conventional catalyst support

Maria Wojciechowska, Michał Zieliński, Mariusz Pietrowski

Faculty of Chemistry, Adam Mickiewicz University, ul. Grunwaldzka 6, 60-780 Poznan, Poland



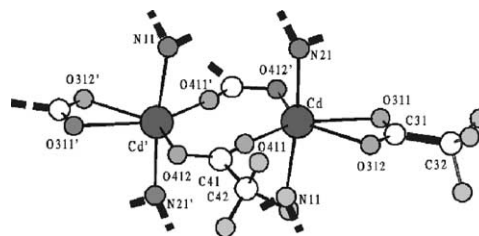
J. Fluorine Chem., **120** (2003) 13

**Syntheses and crystal structures of bis
(4-dimethylaminopyridine) group 12
trifluoroacetates — M(OCOCF₃)₂·2DMAP
(M = Zn, Cd, Hg)**

W. Tyrra, D. Naumann, I. Pantenburg

*Institut für Anorganische Chemie, Universität zu Köln, Grein-
strasse 6, D-50939 Köln, Germany*

The title compounds were prepared in quantitative yields from the anhydrous
metal trifluoroacetates and DMAP and studied by X-ray crystallography.



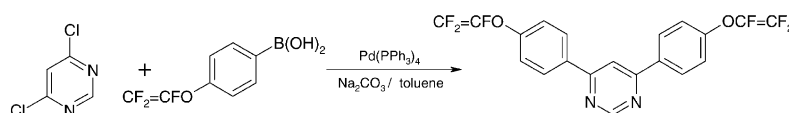
J. Fluorine Chem., **120** (2003) 21

**Synthesis of 4,6-disubstituted pyrimidines via Suzuki and
Kumada coupling reaction of 4,6-dichloropyrimidine**

Feng-ling Qing^a, Ruowen Wang^a, Benhan Li^b, Xing Zheng^a, Wei-Dong Meng^a

^a*College of Chemistry and Chemical Engineering, Donghua University, 1882 West Yanan Lu, Shanghai 200051, China*

^b*Laboratory of Organofluorine Chemistry, Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, 354 Fenglin Lu,
Shanghai 200032, China*

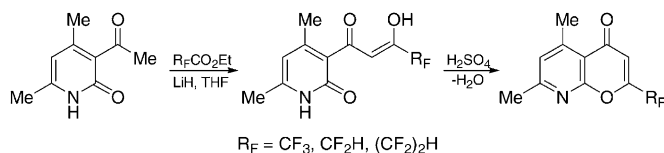


J. Fluorine Chem., **120** (2003) 25

The first synthesis of 8-aza-2-polyfluoroalkylchromones

Vyacheslav Ya. Sosnovskikh, Mikhail A. Barabanov

Department of Chemistry, Ural State University, Lenina 51, Ekaterinburg 620083, Russia

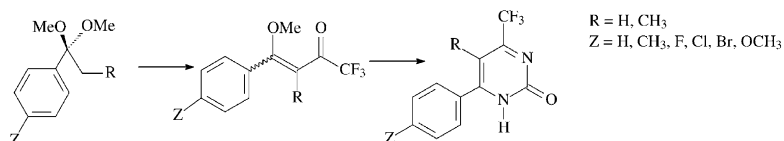
*J. Fluorine Chem.*, **120** (2003) 29

Cyclocondensation reaction of 4-aryl-4-methoxy-1,1,1-trifluoro-3-buten-2-ones with urea. Synthesis of novel 6-aryl(5-methyl)-4-trifluoromethyl-2(1H)-pyrimidinones

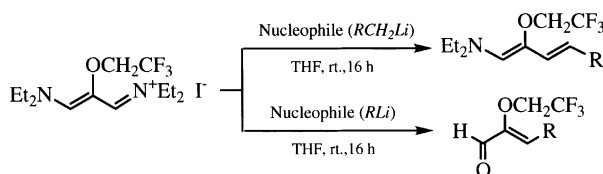
H.G. Bonacorso, I.S. Lopes, A.D. Wastowski, N. Zanatta, M.A.P. Martins

Departamento de Química, Núcleo de Química de Heterociclos (NUQUIMHE), Universidade Federal de Santa Maria, Santa Maria, RS 97105-900, Brazil

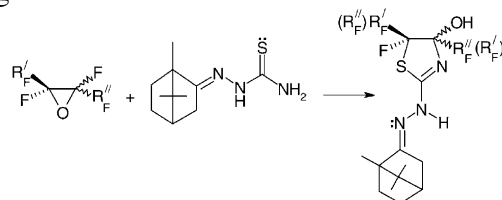
The synthesis of a novel series of 6-aryl(5-methyl)-4-trifluoromethyl-2(1H)-pyrimidinones, is reported.

*J. Fluorine Chem.*, **120** (2003) 33

Reaction of β -trifluoroethoxy vinamidinium salts with carbon nucleophiles

Koichiro Kase^a, Mitsuhiro Katayama^a, Tsutomu Konno^a, Takashi Ishihara^a, Hiroki Yamanaka^a, John T. Gupton^b^aDepartment of Chemistry and Materials Technology, Kyoto Institute of Technology, Matsugasaki, Sakyo-ku, Kyoto 606-8585, Japan^bDepartment of Chemistry, University of Richmond, Richmond, VA 23173, USA*J. Fluorine Chem.*, **120** (2003) 41

From oxides of internal perfluoroolefins to fluorocontaining camphor thiazolinylhydrazones

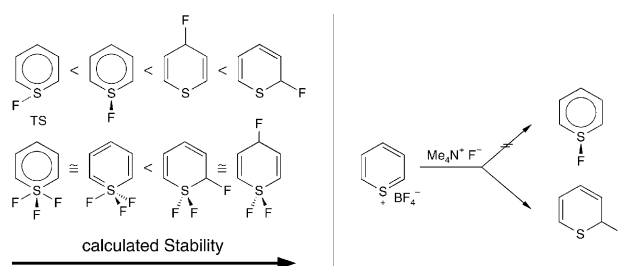
Lyudmila V. Saloutina^a, Aleksandr Ya. Zapevalov^a, Mikhail I. Kodess^a, Konstantin A. Lyssenko^b, Mikhail Yu. Antipin^b, Victor I. Saloutin^a, Oleg N. Chupakhin^a^aUrals Branch of the Russian Academy of Sciences, Institute of Organic Synthesis, 20 S. Kovalevskoy, GSP-147, 620219 Ekaterinburg, Russia^bRussian Academy of Sciences, A.N. Nesmeyanov Institute of Organoelement Compounds, 28 Vavilova, 119991 Moscow, Russia

J. Fluorine Chem., **120** (2003) 49

Calculated structures of thiopyrylium-S-fluoride and S-trifluoride and attempts of their preparation

Helmut Poleschner, Konrad Seppelt

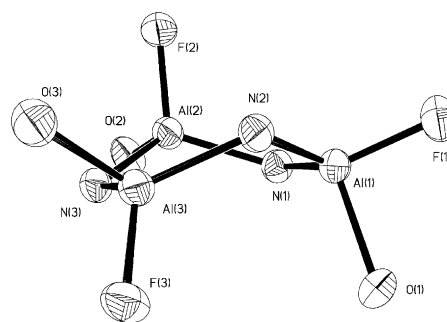
Institut für Chemie, Anorganische und Analytische Chemie, Freie Universität Berlin, Fabesckstrasse 34-36, D-14195 Berlin, Germany

*J. Fluorine Chem.*, **120** (2003) 59

Stepwise fluorination of $[\text{MeAlN}(2,6\text{-}i\text{-Pr}_2\text{C}_6\text{H}_3)]_3$ using trimethyltin fluoride as fluorinating agent

Holger Hohmeister, Helge Wessel, Peter Lobinger, Herbert W. Roesky, Peter Müller, Isabel Usón, Hans-Georg Schmidt, Mathias Noltemeyer, Jörg Magull

Institut für Anorganische Chemie der Universität Göttingen, Tammannstrasse 4, D-37077 Göttingen, Germany

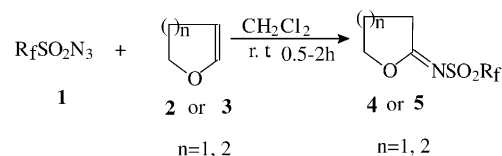
*J. Fluorine Chem.*, **120** (2003) 65

Reactions of fluoroalkanesulfonyl azides with cyclic vinyl ethers

Shi-Zheng Zhu, Gui-Fang Jin, Jing-Wei Zhao

Laboratory of Organofluorine Chemistry, Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, 354 Fenglin Lu, Shanghai 200032, China

The addition reactions of fluoroalkanesulfonyl azides to dihydropyran or dihydrofuran gave *N*-fluoroalkanesulfonyl-tetrahydropyranon-2-imines or *N*-fluoroalkanesulfonyl-tetrahydro-furano-2-imines.

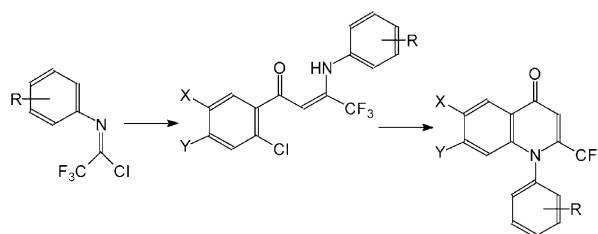
*J. Fluorine Chem.*, **120** (2003) 71

Synthesis of 2-trifluoromethyl-1(substituted aryl)-4(1*H*)-quinolones using trifluoroacetamido chlorides

Simón E. López^a, Oscar Rebollo^a, José Salazar^a, Jaime E. Charris^b, Cicerón Yáñez^a

^aDepartamento de Química, Universidad Simón Bolívar, Valle de Sartenejas, Baruta, Caracas 1080-A, Apartado 89000, Venezuela

^bLaboratorio de Síntesis Orgánica, Facultad de Farmacia, Universidad Central de Venezuela, Caracas 1041-A, Apartado 47206, Venezuela

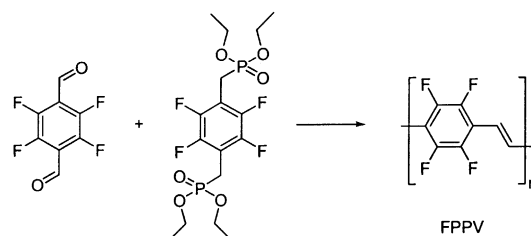


J. Fluorine Chem., **120** (2003) 77

Fluorinated molecules relevant to conducting polymer research

Frederik C. Krebs, Thomas Jensen

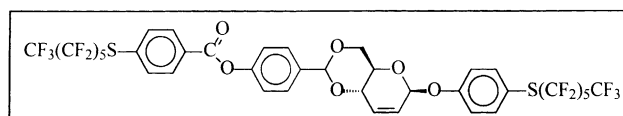
The Danish Polymer Centre, RISØ National Laboratory, P.O. Box 49, DK-4000 Roskilde, Denmark

*J. Fluorine Chem.*, **120** (2003) 85

Organofluorine compounds and fluorinating agents Part 28. New perfluoroalkyl substituted chiral mesogens

Dirk Schwäbisch, Ralf Miethchen

Universität Rostock, Fachbereich Chemie, Albert-Einstein-Strasse 3a, D-18051 Rostock, Germany

*J. Fluorine Chem.*, **120** (2003) 93

Reactions of highly branched fluoroolefins with methyllithium and methylmagnesium bromide: formations of unexpected polyfluorocyclobutene and polyfluoropentadiene compounds

Masakazu Nishida, Taizo Ono

Molecular Structure Design Group, Institute for Structural and Engineering Materials, National Institutes of Advanced Industrial Science and Technology (AIST), 2266-98 Shmohidami, Moriyama-ku, Nagoya 463-8560, Japan

