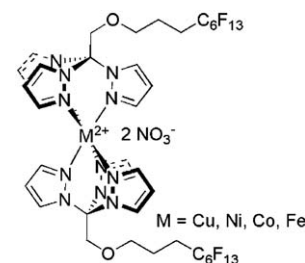




Graphical Abstracts/J. Fluorine Chem. 132 (2011) 431–433

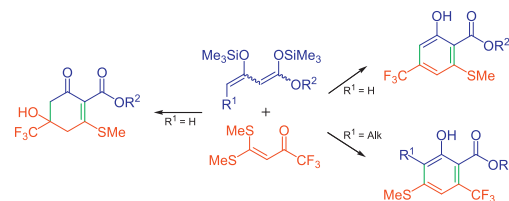
J. Fluorine Chem., 132 (2011) 434

Polyfluoroalkylated tripyrazolylmethane ligands: Synthesis and complexes

Veronika Skalická^a, Markéta Rybáčková^a, Martin Skalický^a, Magdalena Kvíčalová^b, Josef Cvačka^c, Anna Březinová^c, Jan Čejka^d, Jaroslav Kvíčala^a^aDepartment of Organic Chemistry, Institute of Chemical Technology, Prague, Technická 5, 166 28 Prague 6, Czech Republic^bInstitute of Inorganic Chemistry, Academy of Sciences of the Czech Republic, v.v.i., Husinec-Řež 1001, 250 68 Řež, Czech Republic^cInstitute of Organic Chemistry and Biochemistry, Academy of Sciences of the Czech Republic, v.v.i., Flemingovo nám. 2, 166 10 Prague 6, Czech Republic^dDepartment of Solid State Chemistry, Institute of Chemical Technology, Prague, Technická 5, 166 28 Prague 6, Czech Republic

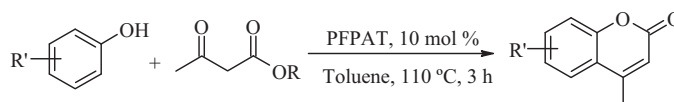
J. Fluorine Chem., 132 (2011) 441

Synthesis of trifluoromethyl-substituted salicylates by cyclocondensation of 1,3-bis(silyloxy)-1,3-butadienes with 4,4-dimethylthio-1,1,1-trifluorobut-3-en-2-one

Viktor O. Iaroshenko^{a,b}, Alina Bunesco^{a,c}, Lutz Domke^a, Anke Spannenberg^c, Dmitri V. Sevenard^d, Alexander Villinger^a, Vyacheslav Ya. Sosnovskikh^e, Peter Langer^{a,c}^aInstitut für Chemie, Universität Rostock, Albert-Einstein-Str. 3a, 18059 Rostock, Germany^bNational Taras Shevchenko University, 62 Volodymyrska St., Kyiv-33 01033, Ukraine^cLeibniz-Institut für Katalyse e. V. an der Universität Rostock, Albert-Einstein-Str. 29a, 18059 Rostock, Germany^dHansa Fine Chemicals GmbH, BITZ, Fahrenheitstrasse 1, 28359 Bremen, Germany^eDepartment of Chemistry, Ural State University, 51 Lenina Ave., 620083 Ekaterinburg, Russian Federation

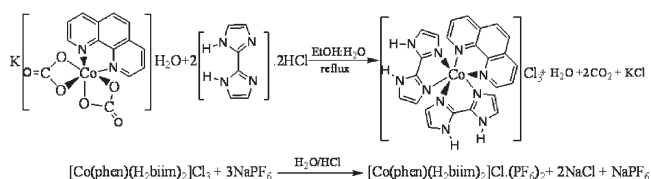
J. Fluorine Chem., 132 (2011) 450

Pentafluorophenylammonium triflate (PFPAT): An efficient, metal-free and reusable catalyst for the von Pechmann reaction

Naser Montazeri^a, Samad Khaksar^b, Akbar Nazari^a, Seyedeh Soghra Alavi^a, Seyed Mohammad Vahdat^b, Mahmood Tajbakhsh^c^aChemistry Department, Faculty of Sciences, Islamic Azad University, Tonekabon, Iran^bChemistry Department, Islamic Azad University, Ayatollah Amoli Branch, Amol, Iran^cChemistry Department, Mazandaran University, Babolsar, Iran

J. Fluorine Chem., 132 (2011) 453

Binding of fluorine containing anions by new cationic Co(III) complex: Competitive interaction of chloride and hexafluorophosphate with $[\text{Co}(\text{phen})(\text{H}_2\text{biim})_2]^{3+}$

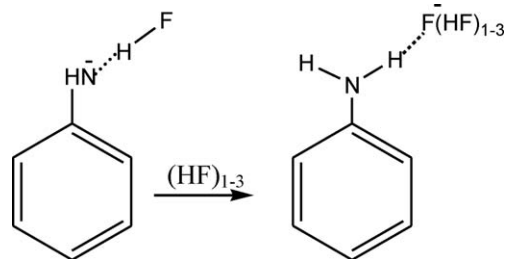
Raj Pal Sharma^a, Ajnesh Singh^a, Paloth Venugopalan^a, Valeria Ferretti^b^aDepartment of Chemistry, Panjab University, Chandigarh 160014, India^bCentro di Strutturistica Diffraattometrica and Dipartimento di Chimica, University of Ferrara via L. Borsari 46, I-44100 Ferrara, Italy

J. Fluorine Chem., 132 (2011) 459

Intra-cluster proton transfer in anilide- $(\text{HF})_n$ ($n = 1-4$): Can the size of HF cluster influence the $\text{N}^-\cdots\text{H}-\text{F} \rightarrow \text{N}-\text{H}\cdots\text{F}^-$ switching

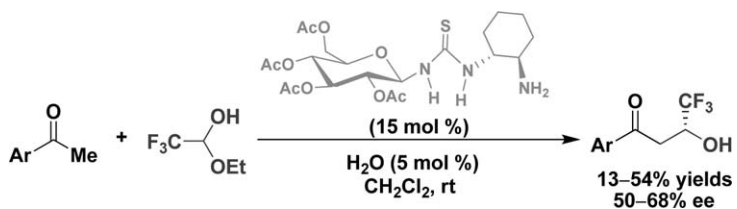
Hossein Roohi, Reza Taghezadeh

Department of Chemistry, Faculty of Science, University of Guilan, Namjoh Street, Rasht, Iran



J. Fluorine Chem., 132 (2011) 468

Chiral bifunctional thiourea-catalyzed enantioselective aldol reaction of trifluoroacetaldehyde hemiacetal with aromatic ketones

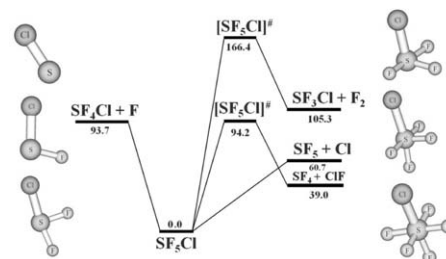
Jing Nie^a, Xiao-Juan Li^a, Dong-Hua Zheng^a, Fa-Guang Zhang^a, Shumin Cui^b, Jun-An Ma^a^aDepartment of Chemistry, Tianjin University, Tianjin 300072, China^bDepartment of Chemistry, Henan Agricultural University, Zhengzhou 450002, China

J. Fluorine Chem., 132 (2011) 474

Theoretical study of the thermochemistry and the kinetics of the SF_xCl ($x = 0-5$) series

Cristian Buendía-Atencio, Carlos J. Cobos

Instituto de Investigaciones Fisicoquímicas Teóricas y Aplicadas (INIFTA), Departamento de Química, Facultad de Ciencias Exactas, Universidad Nacional de La Plata, Casilla de Correo 16, Sucursal 4, 1900 La Plata, Argentina

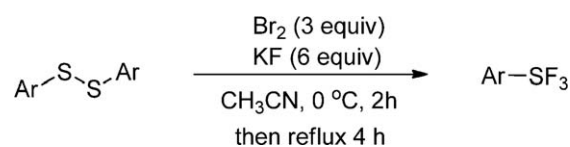


J. Fluorine Chem., 132 (2011) 482

Arylsulfur trifluorides: Improved method of synthesis and use as *in situ* deoxofluorination reagents

Wei Xu, Henry Martinez, William R. Dolbier Jr

Department of Chemistry, University of Florida, Gainesville, FL 32611-7200, USA

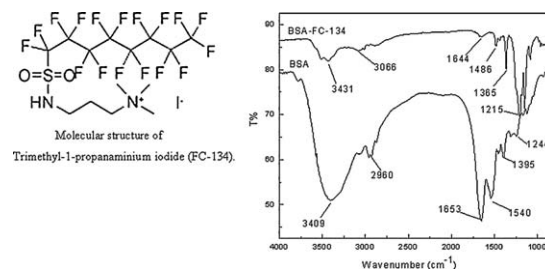


J. Fluorine Chem., 132 (2011) 489

Spectroscopic study on the inherent binding information of cationic perfluorinated surfactant with bovine serum albumin

Ying Xi Wang, Ling Li, Li Jiao Sheng, Gong Wu Song, Zu Shun Xu

Ministry-of-Education Key Laboratory for the Synthesis and Application of Organic Functional Molecules, College of Chemistry and Chemical Engineering, Hubei University, Wuhan 430062, Hubei, PR China



J. Fluorine Chem., 132 (2011) 495

Intramolecular dehydrofluorinative coupling of η^6 -arene and fluoroarylphosphine ligands in ruthenium complexes

Angela McGibbon^a, Mark Nieuwenhuyzen^a, Graham C. Saunders^b^aThe School of Chemistry and Chemical Engineering, Queen's University Belfast, David Keir Building, Belfast BT9 5AG, United Kingdom^bThe Department of Chemistry, The University of Waikato, Hamilton 3240, New Zealand