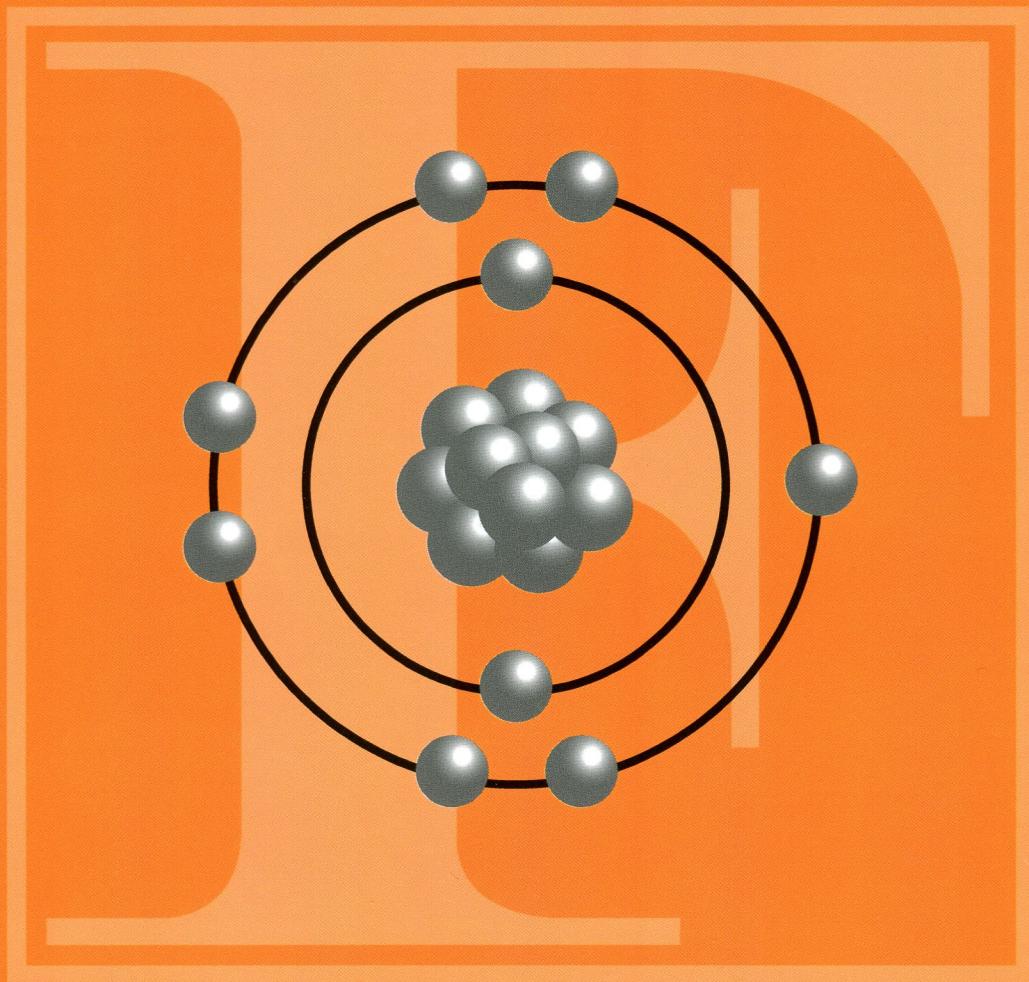


Volume 163, July 2014

ISSN 0022-1139

JOURNAL OF FLUORINE CHEMISTRY



J. Fluorine Chem.

Available online at www.sciencedirect.com

ScienceDirect

**Contents**

Graphical Abstracts	iv
---------------------------	----

Full Length Articles

Pseudorotation as a mechanism for intramolecular electron density transfer. Fragmentation of the octafluoronaphthalene radical anion I.V. Beregovaya and L.N. Shchegoleva	1
4-Chloro-3-fluorobenzaldehyde: Experimental (XRD, FT-IR and Raman) and DFT studies C. Parlak, C.S.C. Kumar, H.K. Fun, G. Keşan, L. Rhyman, P. Ramasami, S. Chandraju and C.K. Quah	7
Quantitative crystal structure analysis of fluorinated porphyrins R. Soman, S. Sujatha and C. Arunkumar	16
Palladium-catalyzed intramolecular C—H bond functionalization of trifluoroacetimidoyl chloride derivatives: Synthesis of 6-trifluoromethyl-phenanthridines M. Zhu, W. Fu, G. Zou, C. Xu and Z. Wang	23
Interaction of the electrophilic bis(pentafluorophenyl)iodonium cation $[(C_6F_5)_2I]^+$ with the ambident pseudohalogenide anions $[SCN]^-$ and $[CN]^-$ M.E. Hirschberg, P. Barthen, H.-J. Frohn, D. Bläser, B. Tobey and G. Jansen	28
Wittig <i>gem</i> -difluoroolefination of aldehydes with difluoromethyltriphenylphosphonium bromide Q. Li, J.-H. Lin, Z.-Y. Deng, J. Zheng, J. Cai and J.-C. Xiao	38
Synthesis and properties of hemifluorinated disodium alkanesulfonates V.D.V. Bodduri, S. Chirumarry, J.-M. Lim, Y.-I. Lee, K. Jang, B.-I. Choi, S.-Y. Chung and D.-S. Shin	42

Short Communications

Synthesis of 1-aryl-4-tosyl-5-(trifluoromethyl)-1 <i>H</i> -imidazoles A.S. Bunev, M.A. Vasiliev, V.E. Statsyuk, G.I. Ostapenko and A.S. Peregudov	34
Dodecafluoroheptanol: Oxygen reservoir for the culture of mouse melanoma B16 cells H. Miyajima, M.C. Kasuya and K. Hatanaka	46

Erratum

Erratum to "1,8-Naphthalimide-based visible colorimetric sensor for the selective sensing of fluoride, acetate and hydroxyl anions" [J. Fluorine Chem. 158 (2014) 53–59] L.Y. Zhao, G.K. Wang, J.H. Chen, L.M. Zhang, B. Liu, J.F. Zhang, Q.H. Zhao and Y. Zhou	50
--	----