JOURNAL OF FLUORINE CHEMISTRY

AUTHOR INFORMATION PACK

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DESCRIPTION

The Journal of Fluorine Chemistry contains reviews, original papers and short communications. The journal covers all aspects of pure and applied research on the chemistry as well as on the applications of fluorne, and of compounds or materials where fluorine exercises significant effects. This can include all chemistry research areas (inorganic, organic, organometallic, macromolecular and physical chemistry) but also includes papers on biological/biochemical related aspects of Fluorine chemistry as well as medicinal, agrochemical and pharmacological research. The Journal of Fluorine Chemistry also publishes environmental and industrial papers dealing with aspects of Fluorine chemistry on energy and material sciences. Preparative and physico-chemical investigations as well as theoretical, structural and mechanistic aspects are covered. The Journal, however, does not accept work of purely routine nature.

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CDCl$_3$): $\delta$ 14.1 (s, C-5), 115.2 (d, $^2J$ = 21 Hz, C-3), 131.9 (d, $^3J$ = 8 Hz, C-2), 135.2 (d, $^4J$ = 3 Hz, C-1), 161.7 (d, $^1J$ = 245 Hz, C-4). $^{19}$F NMR (282 MHz, CDCl$_3$): $\delta$ −81.50 (t, 3F, $^3J_{FF}$ = 9 Hz, CF$_3$), −105.74 (m, 2F, CF$_2$), −124.52 (m, 2F, CF$_2$), −126.24 (m, 2F, CF$_2$).

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Elemental analysis results must be given in the form: "Anal. calcd for C$_{16}$H$_{15}$F$_3$N$_2$O$_3$: C, 56.47; H, 4.44; N, 8.23; found: C, 56.25; H, 4.37; N 8.28."

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