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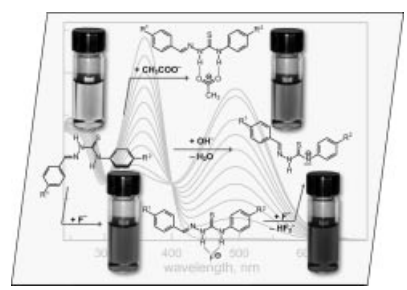
COVER PICTURE

The cover picture shows the behavior of a family of neutral *N*-R^1-substituted-benzylideneamine)-*N*′-(R^2-substituted-phenyl)thioureas (LH) as anion receptors. Spectrophotometric and ^{1}H NMR titration experiments in MeCN solution have shown that oxo anions (e. g. CH_3COO^-, $H_2PO_4^-$) form genuine H-bond complexes with LH receptors through complementary N−H···O− interactions. The use of fluoride ions gives a two-step interaction, which involves (i) the formation of the $[LH\cdots F]^-$ complex, (ii) the release of an HF molecule to give $[HF_2]^-$ and the deprotonated form of the receptor, L^-. Direct deprotonation of LH is obtained on reaction with 1 equiv. of OH^-. The occurrence of the different processes can be visually perceived through definite color changes. The colors shown in the picture refer to the receptor with R^1 = NO_2 and R^2 = OCH_3. Details are discussed in the article by L. Fabbrizzi et al. on pp. 3567 ff.



MICROREVIEW

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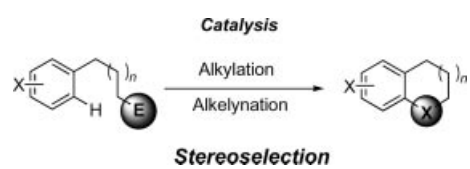

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