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STABLE FLUORINATED ARYL- AND CYCLOPENTADIENYL-ANIONS

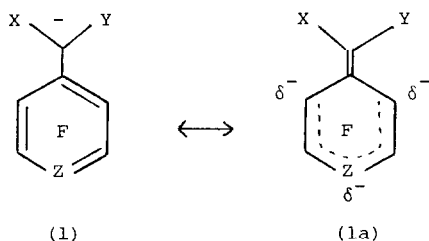
R. D. Chambers, M. P. Greenhall, S. J. Mullins

Department of Chemistry, University of Durham, South Road,
Durham DH1 3LE (U.K.)

and F. G. Drakesmith

Electricity Council Research Centre, Capenhurst, Chester CH1 6ES (U.K.)

Aryl anions of type (1) are potentially useful probes to study the effect of fluorine substituents on charge distributed in an aromatic ring (1a), which is of obvious interest in relation to nucleophilic aromatic substitution.



Consequently, we have synthesised a series of stable aryl anions of type $\text{Ar}_F^- \text{CXY}$ and the spectra of these systems will be discussed.

We will also describe a rational synthesis to a series of novel stable fluorinated cyclopentadienyl anions of general structure (3), via the dienes (2).

