REACTIONS OF SOME NOVEL PERFLUORINATED-ALKENES AND DIENES

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Novel fluorinated di-enes have been synthesised recently, for example (1), and a survey of their chemistry reveals a propensity for nucleophilic attack, to give cyclic systems in some cases, e.g. (2), electron-transfer, and cyclo-addition reactions. Examples of these processes will be presented.

$$[CF_3CF=C(CF_3)]_2$$

$$CF_3$$

$$CF_3$$

$$CF_3$$

$$(2) (e.g. X = O, N, S)$$

1 M.W. Briscoe, R.D. Chambers, S.J. Mullins, T. Nakamura, and F.G. Drakesmith, <u>J. Chem. Soc. Chem. Commun.</u>, 1990, 1127.