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THE FLUORINATION OF SULTONES AND SULTAMS

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In general sultam derivatives have antitumour and antiepileptic effects. The bromination of a number of different sultones and sultams has been reported before [1,2,3]; we now report attempts to introduce fluorine into the molecule with a view to modifying the pharmacological activity. Fluorinating reagents such as KF, CaF₂/KF and pyridine/HF have been used. The results of this synthetic work will be presented together with spectroscopic properties of the resultant fluorinated sultones and sultams.

- 1 S.H. Doss and N.R. Abu Zeid, Egypt J. Chem., 27 (1984) 365.
- 2 S.H. Doss, Revue Roumaine Chim., 17 (1972) 905.
- 3 S.H. Doss, Appl. Spectrosc., 32 (1978) 110.