

# Electrochemical behaviour of NN'-thiobisamines. Cyclic voltammetry in dimethyl sulphoxide with low water content

González, Guillermo

Santa Ana, Maria A.

Chadwick, Isabel

The electrochemical behaviour of NN'-thiobispiperidine and NN'-thiobismorpholine in dimethyl sulphoxide at low water content has been studied by cyclic voltammetry. Electro-oxidation in this medium, producing  $\text{SO}_2$  at the electrode surface, parallels the process observed by adding a Brønsted acid in which acid catalysed hydrolysis generates an intermediate species which is followed by a disproportionation process.