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Electrochemical Behaviour of Hexa[4-(phenylazo) phenoxy]cyclotriphosphazene

of

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Abstract: The polarographic and voltammetric behaviour of hexa[4-(phenylazo)phenoxy] cyclotriphosphazene in tetrahydrofuran-water 50% (v/v) was studied at room temperature using various electrochemical techniques. In this study, the reduction of the azo group to the amino group of the organophosphazenes compound was observed as the electrode reaction. An electrode reaction mechanism was suggested for the compound.

Key Words: Voltammetry, phosphazenes derivatives.



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