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Cyclic voltammetry of tris(2,2-bipyridine)zinc(II) diperchlorate detected by electron spin resonance

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Abstract

Electrochemical transformations of the tris(2,2-bipyridine) complex of zinc(II) perchlor- ate were studied by cyclic voltammetry detected by electron spin resonance (DESR CV), which made it possible to indentify the intermediates formed and to monitor the unpaired electron localization in them. © 2013 Springer Science+Business Media, Inc.

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Keywords

2 2-bipyridine, Cyclic voltammetry, Electrochemical reduction, Radical anion, Zinc complex