

Metal-coordinated phenoxyl radicals: Models for the enzyme galactose oxidase

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In recent years, studies on metal coordinated phenoxyl radicals have gained importance due to their biochemical significance. Such radicals are involved in the action of various enzymes like galactose oxidase, ribonucleotide reductase etc. The present report deals with the synthesis and characterization of new ligand systems containing phenoxide donor centres and their metal complexes and the generation of stable metal coordinated phenoxyl radicals in solution.

