

Complex compounds with ligands of IMAO type

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Abstract 1-phenyl-2(1'-piperidinyl)ethanone (1), the ligand studied in this paper, is a potential inhibitor of monoaminoxidase (MAO) – a specific enzyme, present in the external mitochondrial membrane. The thermal stability and also the stability in physiological medium of the ligand (1) and of the complexes formed by (1) with some essential metallic ions (like Mn(II), Fe(III) and Cu(II)) are presented in this paper.

Keywords: 1-phenyl-2(1'-piperidinyl)ethanone, complex with Mn(II), Fe(III), Cu(II)
