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Synthesis of metal complexes some aryl (3-methyl-benzofuran-2-yl) ketoxime

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Among the antifungal agents, oxiconazole, i.e. carrying both azole and oxime residue, became of interest with its effectiveness against the phytopathogenic fungi and directed studies on oxime residue. Also there are some knowledge about cytotoxic effect of their derivatives and metal complexes of them. In this study, metal complexes some aryl (3-methyl-benzofuran-2-yl) ketoxime were synthesized. The structure elucidation of the compounds was performed by IR, ¹H-NMR, MASS spectroscopy and elemental analyses.

Biography

Kadriye Benkli has completed her PhD from Anadolu University. She is Professor and a Doctorate, and works at department of Pharmaceutical Chemistry, Pharmacy Faculty, Anadolu University. She has published more than 40 papers in reputed journals and has been serving as an Editorial Board Member of repute.

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