
The co-ordination chemistry of some oligopyridine derivatives. 1. Complex compounds of ethyl-3-benzoyl-5-(2'-pyridyl)-indolizine-1-carboxylate with Fe(III), Cr(III) and Cu(II)

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Abstract This paper reports the results obtained in the synthesis and characterisation of Fe(III), Cr(III) and Cu(II) complexes with the ligand, ethyl-3-benzoyl-5-(2'-pyridyl)-indolizine-1-carboxylate, L, [FeL(OH₂)₂(ClO₄)](ClO₄)₂ (1), [CrL(OH₂)₂(ClO₄)](ClO₄)₂ (2), [CuL(OH₂)₂](ClO₄)₂ (3). Elemental chemical analysis, molar conductivity data, IR and electronic spectra support the proposed formulas.

Keywords: ethyl-3-benzoyl-5-(2'-pyridyl)-indolizine-1-carboxylate, Fe(III), Cr(III) and Cu(II) complexes
