



Rd Cell Line Study of New Complexes of Some Transition Metals

By Emad Yousif

LAP Lambert Academic Publishing. Paperback. Condition: New. 144 pages. Dimensions: 8.7in. x 5.9in. x 0.3in. A new ligand of dithiocarbamate derivative containing triazole ring and hydrazide group in it, have been synthesized in this work. The product was isolated, characterized, and studied by appropriate physical measurements i. e. FT-IR, UV-Vis spectroscopy and the elemental analysis C. H. N. S as well as melting point. The new ligand was used to prepare a number of transition metal complexes (heavy and light metals). Cytotoxicity effect of some complexes (heavy metals) (PtL, AuL, RhL, CuL and PdL) as well as ligand have evaluated against RD cell line by using four different concentrations (500, 250, 125 and 62.5 g/ml) respectively, and in three exposure times 24, 48 and 72 hrs and compared this cytotoxic effect with control positive Cis-Pt, the results showed the cytotoxic effects of new compounds on RD cell line depending on both concentration and time of exposure. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



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