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Title:	Synthesis and crystal structures of pyridine-2-carboxaldehyde thiosemicarbazone, its mononuclear and cytotoxic Cu(II) and polynuclear Pb(II) complexes: Effect of size of metal ion on nucleation of the complexes
Authors:	Yadav, H.R. (/jspui/browse?type=author&value=Yadav%2C+H.R.) Choudhury, A.R. (/jspui/browse?type=author&value=Choudhury%2C+A.R.)
Keywords:	Anticancer activity Coordination chemistry Copper Thiosemicarbazones
Issue Date:	2017
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Citation:	Indian Journal of Chemistry - Section A Inorganic, Physical, Theoretical and Analytical Chemistry, 56A (6)
Abstract:	Synthesis and X-ray structural characterization of pyridine-2- carboxaldehyde thiosemicarbazone (L), and its metal complexes, [Cu(L)(OH ₂)](ClO ₄) ₂ and [Pb(L)(ONO ₂) ₂] _n are reported. X-ray diffraction reveals that the metal centres in the two complexes are distorted square planar and square pyramid geometries, respectively. Among the three compounds [Cu(L)(OH ₂)](ClO ₄) ₂ is found to be active against human keratinocyte cell line.
Description:	Only IISERM authors are available in the record.
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