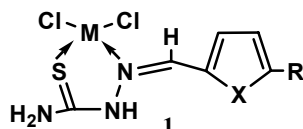


CYTOTOXICITY OF METALLIC COMPLEXES OF HETARYLTHIOSEMICARBAZONES

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Si- and Ge-containing metal complexes of thiosemicarbazones **1** have been prepared.



R = H, Cl, Me, Me₃Ge, Et₃Ge, Me₃Si, Et₃Si, PhMe₂Si, Ph₂MeSi,
1-Me-silacyclopentane, 1-Me-silacyclohexane, 1-(2-thiosemi-
carbazonomethyl-5-hetaryl)-1-sila(germa)cycloalkyl;
X = O, S; M = Cu, Pd

Cytotoxicity of **1** on four tumour cell lines has been studied. Copper (II) complexes exhibited higher cytotoxic activity than corresponding Pd (II) derivatives.