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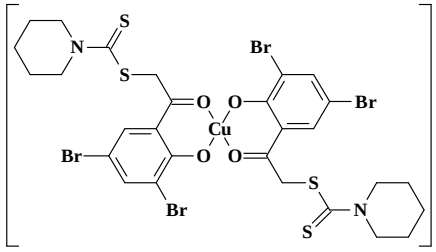
The invention relates to chemistry, namely to the synthesis of coordinative compounds from the class of o-acetylphenolates of tran-sition metals and can be used in medicine for the prevention and treatment of human myeloid leukemia.

Summary of the invention consists in that as inhibitor of human myeloid leukemia (HL-60 cells) is proposed a new compound {bis[2-(3,5-dibrom-2-hydroxyphenyl)-2-oxoethyl-piperidin-1-carbodithioato(1–)-O,O′]copper} of formula:



The claimed compound exhibits itself as an effective inhibitor of human myeloid leukemia compared to thiosemicarbazonates of copper, especially in the concentration range of 10^{-6}…10^{-7}mol/L.

Claims: 2