The invention relates to chemistry, namely to a coordinative compound from the class of thiosemicarbazonates of transition metals and may find application in medicine for the prevention and treatment of human myeloid leukemia. Summary of the invention consists in that as an inhibitor of human myeloid leukemia HL-60 cells is proposed the new bis[N-(prop-2-en-1-yl)-2-(pyridine-2-ylmethylidene)hydrazine-carbothioamide]nickel(II) chloride hydrate compound of formula:

The claimed compound expands the range of highly active inhibitors of human myeloid leukemia cells.

Claims: 2 Fig.: 1