The invention relates to chemistry, namely to the use of coordinative compound from the class of thiosemicarbazonates of transition metals as inhibitor of mammary cancer T-47D cell proliferation. Summary of the invention consists in the use as inhibitor of mammary cancer T-47D cell proliferation of di( $\mu$ -O<sub>phenoxy</sub>)-di{[2-(4-aminobenzenesulfamido)-5-ethyl-1,3,4-thiadiazole]-3,5-dibromosalicylidenethiosemicarbazonato(-1)-copper} of formula:

Claims: 1