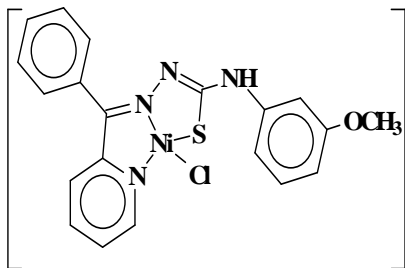


a 2012 0128

The invention relates to chemistry, namely to the synthesis of coordinative compounds from the class of thiosemicarbazones of transition metals and can be used in medicine as cytostatic agent in the prophylaxis and treatment of liver cancer.

Summary of the invention consists in the fact that as inhibitor of HepG2 cell proliferation in liver cancer is proposed the use of a new compound, chloro-[2-phenyl(pyridine-2-yl)methanone-4-(3-methoxyphenyl)thiosemicarbazono]nickel of formula:



The claimed compound exhibits itself as an effective inhibitor of HepG2 cell proliferation in liver cancer at concentrations of $10^{-5} - 10^{-6}$ mol/L.

Claims: 2