

## عنوان مقاله:

SYNTHESIS AND CHARACTERIZATION OF A NEW ZINC(II) COMPLEX CONTAINING DITHIOCARBAMATE LIGAND AS POTENTIAL ANTICANCER AGENT

## محل انتشار:

دومین همایش ملی تکنولوژی های نوین در شیمی و پتروشیمی (سال: 1394)

تعداد صفحات اصل مقاله: 3

## نویسندگان:

s baneshi - Department of Chemistry, University of Zabol, Zabol, Iran

s shahraki - Department of Chemistry, University of Zabol, Zabol, Iran

f shiri - Department of Chemistry, University of Zabol, Zabol, Iran

m Nejadi-Yazdinejad - Department of Chemistry, University of Zabol, Zabol, Iran

## خلاصه مقاله:

Novel dithiocarbamate ligand derived from 5-amino-1,3,4-thiadiazole-2-thiol was synthesized. The structure of this ligand was determined on the basis of elemental analysis and spectroscopic techniques. Synthesized dithiocarbamate ligand coordinates to Zn(II) center as bidentate with two sulfur atoms and characterized by elemental analyses, molar conductance, IR, electronic spectra and <sup>1</sup>H NMR techniques. This complex is formulated as [Zn(bpy)L]Cl (where bpy (= 2,2'-bipyridine and L = 5-dithiocarbamate-1,3,4-thiadiazole-2-thiol

## کلمات کلیدی:

Dithiocarbamate, 5-amino-1,3,4-thiadiazole-2-thiol, Zn complex, anticancer agent

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/391934>

