عنوان مقاله:

Biophysical approaches of the interaction between Pd(II) complex with malonate ligand and human serum albumin

محل انتشار:

هجدهمین همایش شیمی فیزیک ایران (سال: 1394)

تعداد صفحات اصل مقاله: 2

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خلاصه مقاله:

Over the decades, there has been broad research in pharmaceutical chemistry to designeffective anticancer drugs, potentially valuable in the treatment of diverse cancers. A numberof palladium complexes with aromatic N- and N,N-containing ligands and N,O- containingligands as well as those with O-chelating ligand have been investigated as potential antitumordrugs [1,2]. Since it was very important to study of interaction mechanisms between drugsand serum albumin in aqueous solution in order to understand of the pharmacokineticbehavior of a drug and for the design of their analogues with effective pharmacologicalproperties. Herein, we present the binding properties of a new water-soluble palladium(II)malonate complex with HSA using various spectroscopic techniques under physiologicalconditions.

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا: