

عنوان مقاله:

Spectroscopic studies of the interaction of Zn -diansar with bovine serum albumin

محل انتشار:

همایش ملی پژوهش های کاربردی در علوم و مهندسی (سال: 1392)

تعداد صفحات اصل مقاله: 1

نویسندگان:

Ghasem Rezanejade Bardajee - *Department of Chemistry, Payame Noor University, PO BOX 19395-3697, Tehran, Iran*

Bahman Vasheghani Frarahani - *Imam Khomini international university, faculty of science, department of chemistry, PO Box 2111, Qazvin, Iran*

Zari Hooshyar - *Department of Chemistry, Payame Noor University, PO BOX 19395-3697, Tehran, Iran. Imam Khomini international university, faculty of science, department of chemistry, PO Box 2111, Qazvin, Iran*

خلاصه مقاله:

A comprehensive understanding of the transportation of Zn -diansar in blood will be beneficial for the investigations in drug design and toxicology. Hence we hereby investigated the binding interaction of Zn -diansar with serum albumin in physiological buffer solution (pH 7.4) at 298 K by fluorescence spectra. It was proved that Zn -diansar quenched the intrinsic fluorescence of Serum albumins by forming a complex between them. The binding constant (K) were calculated using the modified Stern-Volmer equation

کلمات کلیدی:

Zn -diansar; bovine serum albumin; fluorescence spectra

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