

## Accepted Manuscript

Complexes of pyridoxal thiosemicarbazones formed with vanadium(IV/V) and copper(II): solution equilibrium and structure

Tamás Jakusch, Károly Kozma, Éva A. Enyedy, Nóra V. May, Alexander Roller, Christian R. Kowol, Bernhard K. Keppler, Tamás Kiss

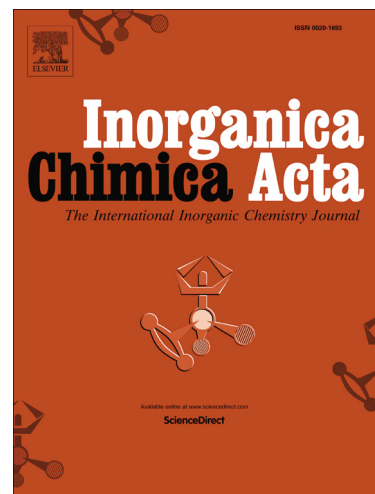
PII: S0020-1693(17)30684-9  
DOI: <http://dx.doi.org/10.1016/j.ica.2017.08.018>  
Reference: ICA 17812

To appear in: *Inorganica Chimica Acta*

Received Date: 1 May 2017  
Revised Date: 5 August 2017  
Accepted Date: 8 August 2017

Please cite this article as: T. Jakusch, K. Kozma, E.A. Enyedy, N.V. May, A. Roller, C.R. Kowol, B.K. Keppler, T. Kiss, Complexes of pyridoxal thiosemicarbazones formed with vanadium(IV/V) and copper(II): solution equilibrium and structure, *Inorganica Chimica Acta* (2017), doi: <http://dx.doi.org/10.1016/j.ica.2017.08.018>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



**Complexes of pyridoxal thiosemicarbazones formed with vanadium(IV/V)  
and copper(II): solution equilibrium and structure**

**Tamás Jakusch<sup>a,\*</sup>, Károly Kozma<sup>a</sup>, Éva A. Enyedy<sup>a</sup>, Nóra V. May<sup>b</sup>, Alexander Roller<sup>c</sup>,  
Christian R. Kowol<sup>c,d</sup>, Bernhard K. Keppler<sup>c,d</sup>, Tamás Kiss<sup>a,e\*</sup>**

<sup>a</sup> Department of Inorganic and Analytical Chemistry, University of Szeged, Dóm tér 7, H-6720 Szeged, Hungary

<sup>b</sup> Research Centre for Natural Sciences, Hungarian Academy of Sciences, Magyar Tudósok körútja 2., H-1117 Budapest, Hungary

<sup>c</sup> Institute of Inorganic Chemistry, Faculty of Chemistry, University of Vienna, Waehringer Str. 42, A-1090 Vienna, Austria

<sup>d</sup> Research Cluster "Translational Cancer Therapy Research" University of Vienna, Waehringer Str. 42, A-1090 Vienna, Austria

<sup>e</sup> MTA-SZTE Bioinorganic Chemistry Research Group, University of Szeged, Dóm tér 7, H-6720 Szeged, Hungary

*Dedicated to Prof. Imre Sóvágó on the occasion of His 70th birthday*

**Keywords:** Stability Constants; X-ray Crystal Structure; Thiosemicarbazone, Pyridoxal, Vanadium, Copper

\* Corresponding authors: Fax: +36 62 420505

E-mail addresses: tkiss@chem.u-szeged.hu (T. Kiss), jakusch@chem.u-szeged.hu (T. Jakusch)

Download English Version:

<https://daneshyari.com/en/article/7750743>

Download Persian Version:

<https://daneshyari.com/article/7750743>

[Daneshyari.com](https://daneshyari.com)