

SUPPLEMENTARY MATERIAL TO
**Spectroscopic properties and antimicrobial activity of
dioxomolybdenum(VI) complexes with heterocyclic *S,S'*-ligands**

SOFIJA P. SOVILJ^{1*}, DRAGANA MITIĆ¹, BRANKO J. DRAKULIĆ²
and MARINA MILENKOVIĆ³

¹Faculty of Chemistry, P. O. Box 118, 11158 Belgrade, Serbia, ²ICTM, Department of
Chemistry, Njegoševa 12, 11001 Belgrade, Serbia and ³Department of Microbiology
and Immunology, Faculty of Pharmacy, University of Belgrade,
Vojvode Stepe 450, Belgrade, Serbia

J. Serb. Chem. Soc. 77 (1) (2012) 53–66

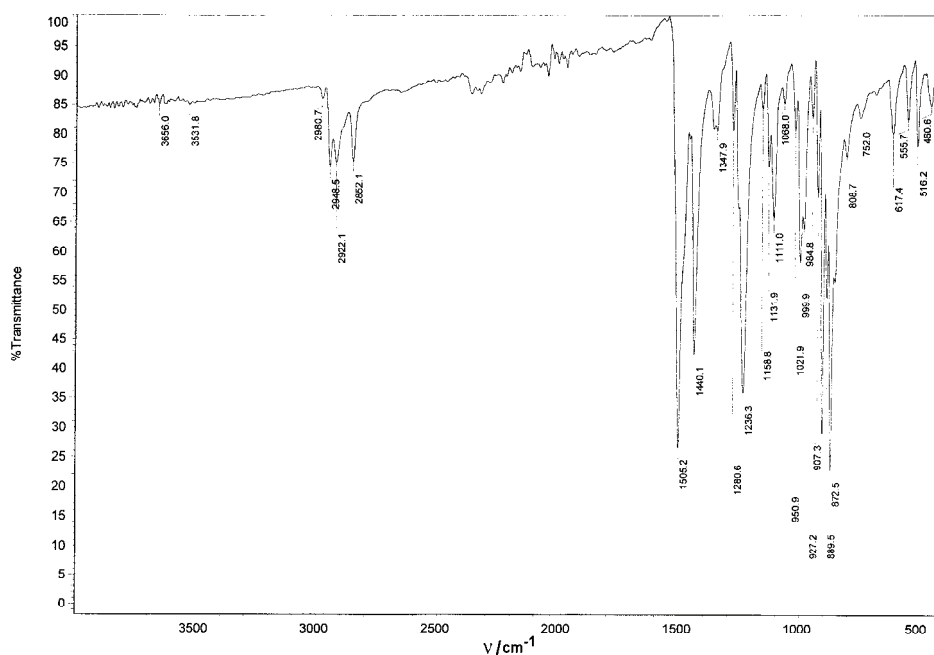


Fig. S1a. Recorded IR spectrum for the complex 1.

* Corresponding author. E-mail: ssovilj@chem.bg.ac.rs

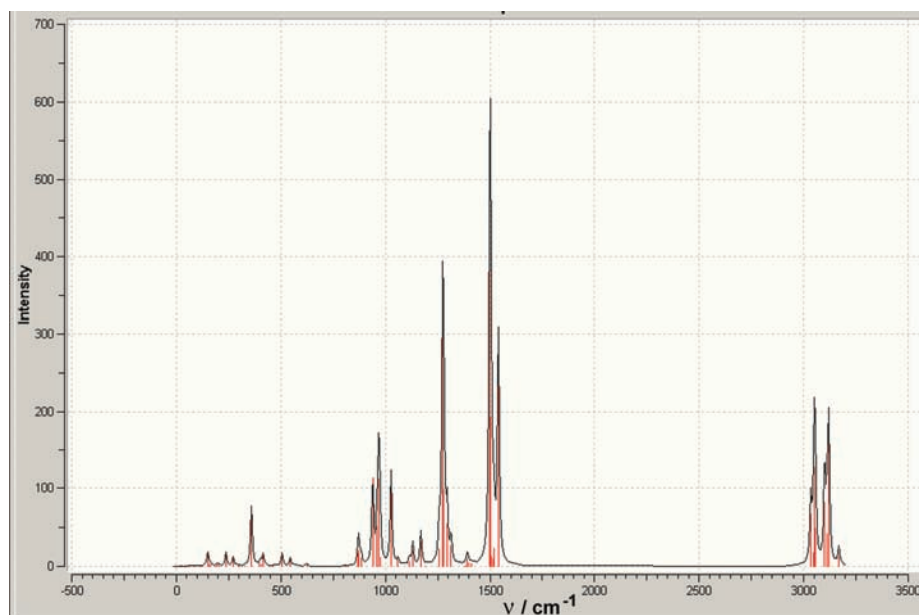


Fig. S1b. Calculated IR spectrum for the complex 1.

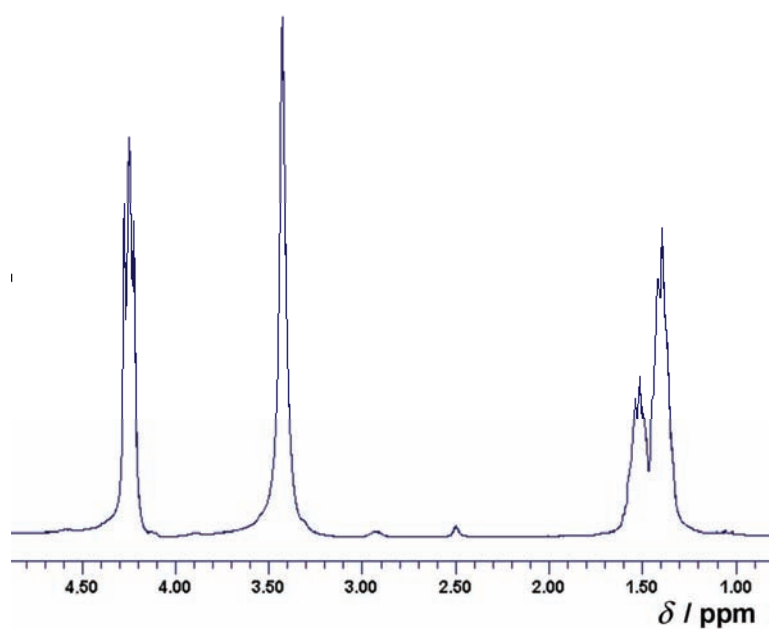
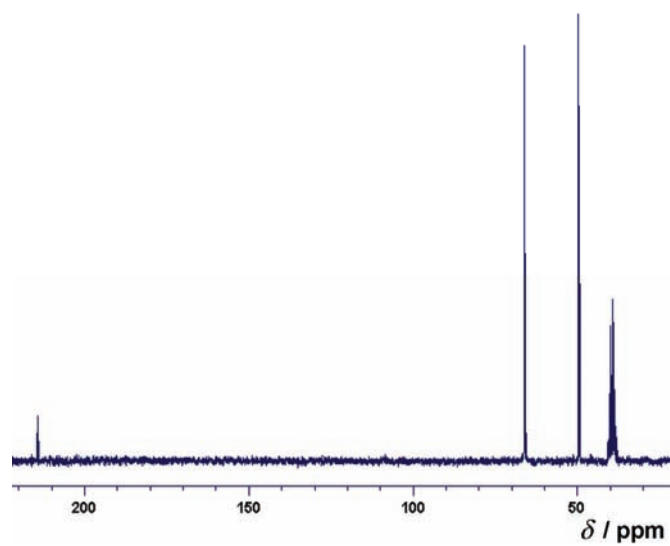
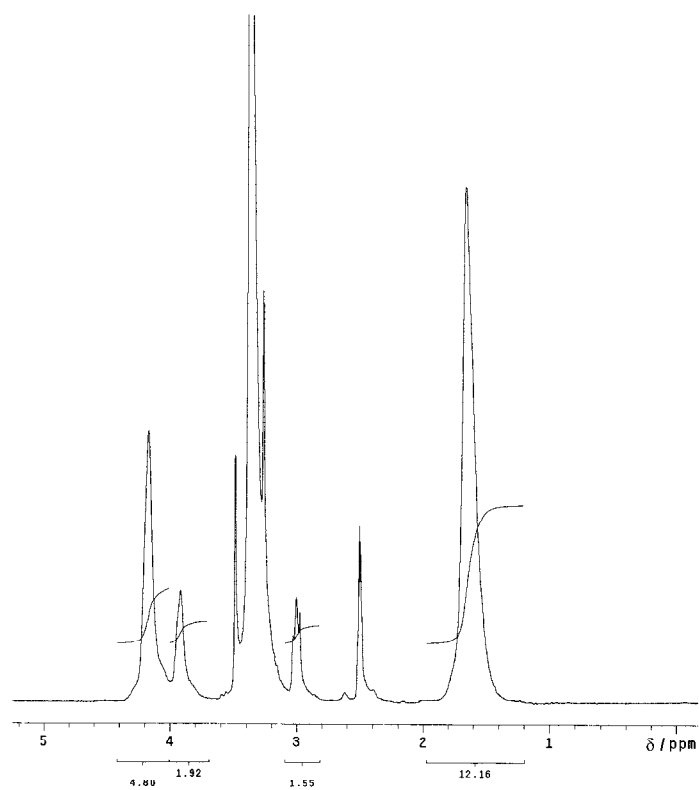
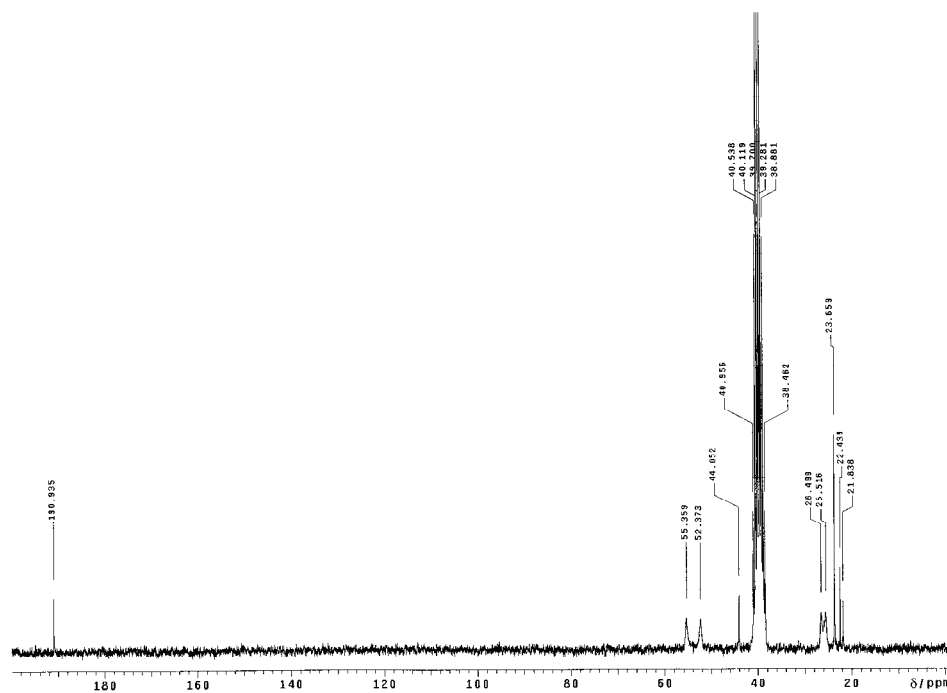
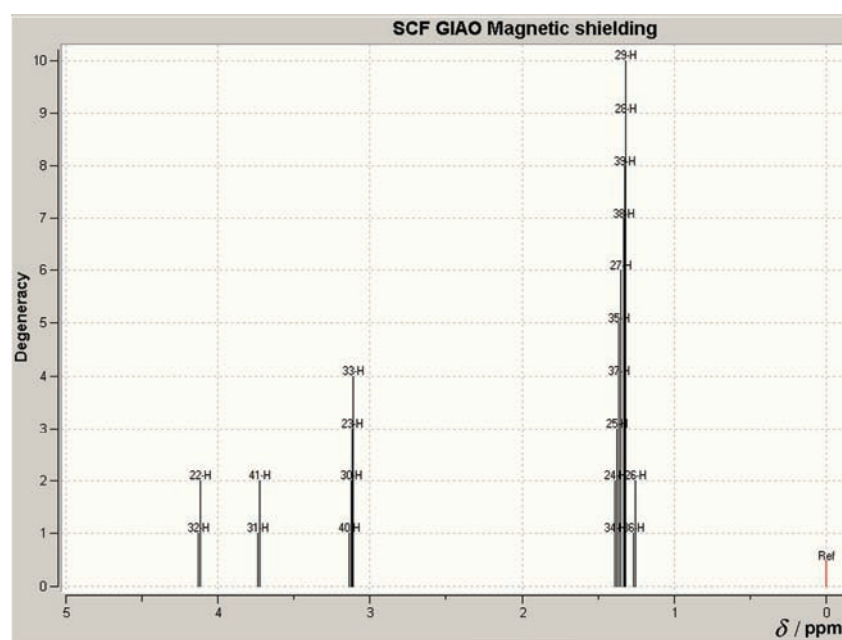
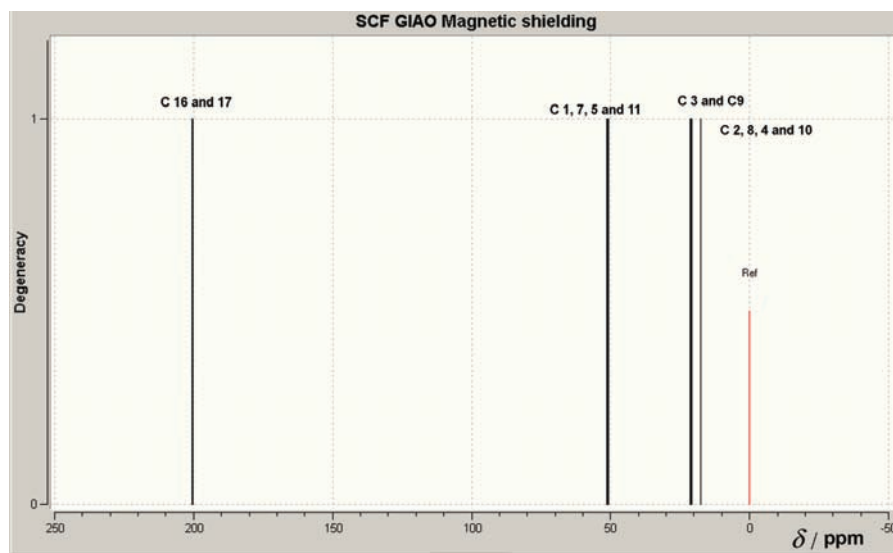
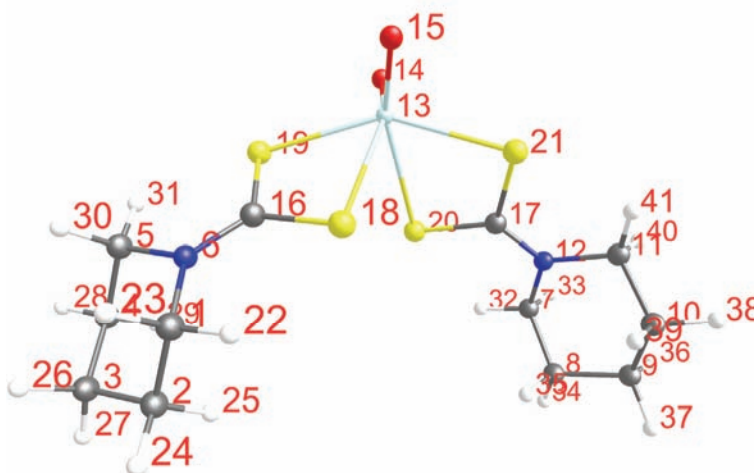


Fig. S2a. $^1\text{H-NMR}$ spectrum of Pipdte.

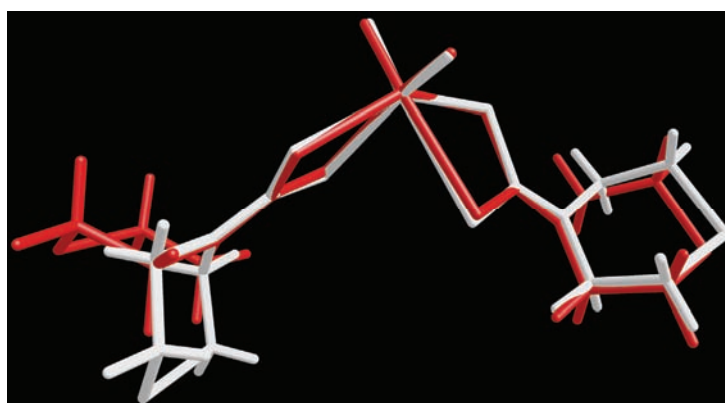
Fig. S2b. ^{13}C -NMR spectrum of Pipdte.Fig. S3a. Experimentally obtained ^1H -NMR spectrum of complex 1.

Fig. S3b. Experimentally obtained ^{13}C -NMR spectrum of complex **1**.Fig. S3c. Calculated ^1H -NMR spectrum of complex **1**.

Fig. S3d. Calculated ^{13}C -NMR spectrum of complex **1**.Fig. S4. Atoms enumeration that correspond to assignment given on calculated spectra for complex **1**, Fig. S3.



(a)



(b)

Fig. S5. Superimposed structures of: a) calculated complex **1** to CSD entry 153544 taken from reference 49; and b) calculated complex **3** to crystal structure taken from reference 47 (see References in the paper).