Dear Franc Perdih,

I am pleased to receive your comments on our manuscript "Syntheses, Crystal Structures and Catalytic Property of Oxidovanadium(V) Complexes Derived from Tridentate Hydrazone Ligands" that submitted to Acta Chimica Slovenica.

As requested, we have revised the manuscript in accord with the suggestions and uploaded the three documents in a single ZIP file using the Upload Author Version.

Sincerely yours,

Yong-Ming Cui

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• There are some typographical errors in the manuscript which should be corrected, like:

page 5 line 102 and page 6 line 104 Scheme 1 should be scheme 2; page 11 line 189 and 190 Scheme 2 should be scheme 3; … )

Response: The typographical errors are corrected.

• The experimental conditions used for catalytic study should be added to section 2.

Response: The experimental conditions are added to section 2.

• The authors should clarify how the simulated patterns were calculated (Figures 1 and 2).

Response: The simulated patters for figures1 and 2 are clarified, and a reference is added.

W. Kraus, G. Nolge, PowderCell 2.3, Federal Institute for Materials Research and Testing, Berlin, Germany, 1999.

• Appropriate figures for IR and electronic characterization of hydrazone ligands and corresponding complexes must be added to the manuscript for comparison.

Response: The figures for IR and UV-Vis spectra are added.

• As the hydrazone ligands have not been separated from the reaction mixtures, how the authors come up with such conclusions?

Response: The complexes were prepared by the unseparated hydrazones. The synthesis of the hydrazones is very easy. They were prepared for spectral analysis, but not described in such an ‘inorganic paper’.

• The peaks corresponding to the emt ligand in IR spectra should be described.

Response: The peaks corresponding to the emt ligand in IR spectra are described.

• Catalytic properties of complexes in epoxidation reactions synthesized in this study should be compared with similar vanadium complexes in literature.

Response: The catalytic properties are compared to the literature.

• “The influence of the substituent groups of the hydrazones on the catalytic property of the vanadium complexes” should be discussed in the section 3.4.

Response: This is discussed in the section 3.4.

• Suitable references are needed for the mechanism of the catalytic process to compare with the results reported previously.

Response: Some suitable references are added.

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