

## UNIVERSIDADE FEDERAL DO RIO DE JANEIRO INSTITUTO DE QUÍMICA



Prof. Marciela Scarpellini
Universidade Federal do Rio de Janeiro
Instituto de Química
Departamento de Química Inorgânica
Av. Athos da Silveira Ramos, 149, sl. 631A
Rio de Janeiro, RJ, Brasil
21941-909

Prof. Chiara Massera Section Editor Acta Crystallographica Section E

October 29th, 2018

Dear Prof. Massera,

Thanks for handling our manuscript (reference: xi4002; "trans-bis(2,2'-bipyridine-4,4'-dicarboxylic acid)dichloro-ruthenium(III) perclorate") and do so many corrections. Regarding to the other suggested revisions, please find below how they were performed:

- 1) Refinement was repeated to include the CONF and BOND \$H commands. Now the CIF file includes all the C-H bond lengths and angles.
- Figure 1 was relabeled with symbols referring to the symmetry operators and the figure caption was updated accordingly.
- In Table 2, s.u. values for D...A distances were included, as requested.
- 4) The sentence was rephrase and the text "in clinical and mechanism of action" has been removed.
- 5) The s.u. for all cited angles and distances were included, as requested. Some values have changed after refinement, and were updated.
- 6) Figures 2 and 3 have been redrawn using capped stick mode. Hydrogen bonds were highlighted in blue (for C4-O1...H2-O2) and red (for O4-H4...O5). The centroids used in the description of supramolecular features were also included in Figure 3, bottom. Figure captions were updated accordingly.

After the suggested corrections, we believe that the manuscript is prompt, and therefore *IUCr Data* is the perfect forum for these results.

Sincerely,

Prof. Marciela Scarpellini

Prof Dra. Marciela Scarpellini DOI/IO/UFRJ Matricula 1531203