**Dear Prof. Branislav Ž. Nikolić**

Attached you will find a manuscript entitled “**A simple thermodynamic model for predicting the solid solubility of drug compounds in supercritical CO2**” for possible publication in the Journal of the Serbian Chemical Society. Please kindly let me know if you received it safely. Hereby, I certify that this original manuscript has not been previously published, is not currently submitted for review to any other journal, and will not be submitted elsewhere before a decision is made by this journal.

In this paper, we report on the solubility of four important drug compounds namely, benzamide, cetirizine, metaxalone and niflumic acid in supercritical CO2 using a thermodynamic model. The solubility of these pharmaceutical compounds in supercritical fluid have not been modeled before. We believe that this manuscript is appropriate for publication by Journal of the Serbian Chemical Society because it is related and referred to scope of this journal.

By the way, the list of potential reviewers is appended below.

1- Prof. F. Esmaeilzadeh, Department of Chemical Engineering, Shiraz University, Shiraz, Iran, E-mail: esmaeil@shirazu.ac.ir

2- Prof. Marisa Mendes, Department of Chemical Engineering, [Federal Rural University of Rio de Janeiro](https://www.researchgate.net/institution/Federal_Rural_University_of_Rio_de_Janeiro), Seropedica, Brazil, E-mail: marisamf@ufrrj.br

3- Prof. Kunio Nagahama, Department of Industrial Chemistry, Tokyo Metropolitan University, Minami-ohsawa, Hachioji, Tokyo, Japan, E-mail: nagahama-kunio@c.metro-u.ac.jp

Sincerely yours,

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