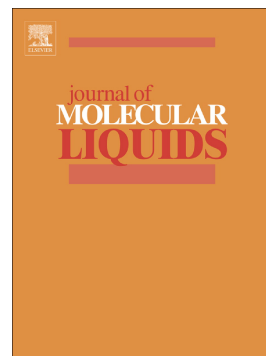


Accepted Manuscript

Effect of salts and temperature on the interaction of levofloxacin hemihydrate drug with cetyltrimethylammonium bromide: Conductometric and molecular dynamics investigations

Md. Anamul Hoque, Md. Masud Alam, Mohammad Robel Molla, Shahed Rana, Malik Abdul Rub, Mohammad A. Halim, Mohammed Abdullah Khan, Anwar Ahmed



PII: S0167-7322(17)32838-6
DOI: doi: [10.1016/j.molliq.2017.09.004](https://doi.org/10.1016/j.molliq.2017.09.004)
Reference: MOLLIQ 7840

To appear in: *Journal of Molecular Liquids*

Received date: 27 June 2017
Revised date: 31 August 2017
Accepted date: 1 September 2017

Please cite this article as: Md. Anamul Hoque, Md. Masud Alam, Mohammad Robel Molla, Shahed Rana, Malik Abdul Rub, Mohammad A. Halim, Mohammed Abdullah Khan, Anwar Ahmed , Effect of salts and temperature on the interaction of levofloxacin hemihydrate drug with cetyltrimethylammonium bromide: Conductometric and molecular dynamics investigations, *Journal of Molecular Liquids* (2017), doi: [10.1016/j.molliq.2017.09.004](https://doi.org/10.1016/j.molliq.2017.09.004)

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.

Effect of salts and temperature on the interaction of levofloxacin hemihydrate drug with cetyltrimethylammonium bromide: conductometric and molecular dynamics investigations

Md. Anamul Hoque^{a,*}, Md. Masud Alam^a, Mohammad Robel Molla^a, Shahed Rana^a, Malik Abdul Rub^b, Mohammad A. Halim^{c,d}, Mohammed Abdullah Khan^a, Anwar Ahmed^e

^a*Department of Chemistry, Jahangirnagar University, Savar, Dhaka-1342, Bangladesh*

^b*Chemistry Department, Faculty of Science, King Abdulaziz University, Jeddah-21589, Saudi Arabia*

^c*Division of Quantum Chemistry, The Red-Green Computing Centre, BICCB, 218 Elephant Road, Dhaka-1205, Bangladesh*

^d*Institut Lumière Matière, Université Lyon 1 – CNRS, Université de Lyon, 69622 Villeurbanne, France*

^e*Department of Biochemistry, College of Science, King Saud University, Riyadh, Saudi Arabia*

* Address of corresponding Author:

Dr. Md. Anamul Hoque

Professor

Department of Chemistry

Jahangirnagar University

Savar, Dhaka-1342, Bangladesh

Email: ahoque_ju@yahoo.com

PABX: 880-2-7791045-51, extension: 1437

Fax: 880-2-7791052

Download English Version:

<https://daneshyari.com/en/article/5408281>

Download Persian Version:

<https://daneshyari.com/article/5408281>

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