

Accepted Manuscript

Preparation of novel phospholipid-based sonocomplexes for improved intestinal permeability of rosuvastatin: *in vitro* characterization, dynamic simulation, Caco-2 cell line permeation and *in vivo* assessment studies

Wessam Hamdy Abd-Elsalam, Sara Nageeb El-Helaly, Mohammed Abdallah Ahmed, Abdulaziz Mohsen Al-mahallawi

PII: S0378-5173(18)30473-3
DOI: <https://doi.org/10.1016/j.ijpharm.2018.07.005>
Reference: IJP 17621

To appear in: *International Journal of Pharmaceutics*

Received Date: 10 February 2018
Revised Date: 30 June 2018
Accepted Date: 1 July 2018

Please cite this article as: W.H. Abd-Elsalam, S.N. El-Helaly, M.A. Ahmed, A.M. Al-mahallawi, Preparation of novel phospholipid-based sonocomplexes for improved intestinal permeability of rosuvastatin: *in vitro* characterization, dynamic simulation, Caco-2 cell line permeation and *in vivo* assessment studies, *International Journal of Pharmaceutics* (2018), doi: <https://doi.org/10.1016/j.ijpharm.2018.07.005>

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.



Preparation of novel phospholipid-based sonocomplexes for improved intestinal permeability of rosuvastatin: *in vitro* characterization, dynamic simulation, Caco-2 cell line permeation and *in vivo* assessment studies

Wessam Hamdy Abd-Elsalam[†], Sara Nageeb El-Helaly[†], Mohammed Abdallah Ahmed[†] and Abdulaziz Mohsen Al-mahallawi ^{†*}.

Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Cairo University, Cairo, Egypt.

[†]The authors contributed equally to this work.

*Corresponding author: Abdulaziz M. Al-mahallawi, Faculty of Pharmacy, Cairo

University, Kasr El-Ainy Street 11562, Egypt. Tel.: +201008226524

E-mail address: Abdulaziz.mohsen@pharma.cu.edu.eg

Download English Version:

<https://daneshyari.com/en/article/8519720>

Download Persian Version:

<https://daneshyari.com/article/8519720>

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