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

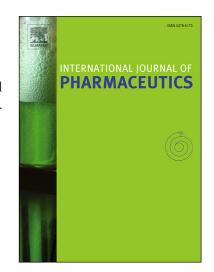
PII: S0378-5173(18)30473-3

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.

ACCEPTED MANUSCRIPT

1	Preparation of novel phospholipid-based sonocomplexes for improved intestinal
2	permeability of rosuvastatin: in vitro characterization, dynamic simulation,
3	Caco-2 cell line permeation and in vivo assessment studies
4	Wessam Hamdy Abd-Elsalam [†] , Sara Nageeb El-Helaly [†] , Mohammed Abdallah
5	Ahmed [†] and Abdulaziz Mohsen Al-mahallawi [†] *.
6	Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Cairo
7	University, Cairo, Egypt.
8	[†] The authors contributed equally to this work.
9	*Corresponding author: Abdulaziz M. Al-mahallawi, Faculty of Pharmacy, Cairo
10	University, Kasr El-Ainy Street 11562, Egypt. Tel.: +201008226524
11	E-mail address: Abdulaziz.mohsen@pharma.cu.edu.eg
12	
13	
14	
15	
16	
17	G
18	
19	
20	
21	
22	

Download English Version:

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

Download Persian Version:

https://daneshyari.com/article/8519720

<u>Daneshyari.com</u>