Accepted Manuscript

Research paper

Interactions of dimethylaminoethyl methacrylate copolymer with non-acidic drugs demonstrated high solubilization *in vitro* and pronounced sustained release *in vivo*

Wiebke Saal, Nicole Wyttenbach, Jochem Alsenz, Martin Kuentz

PII:	\$0939-6411(17)31062-7
DOI:	https://doi.org/10.1016/j.ejpb.2018.01.006
Reference:	EJPB 12666

10.1016/j.ejpb.2018.01.006

To appear in:

European Journal of Pharmaceutics and Biopharmaceutics

Received Date:15 September 2017Revised Date:6 December 2017Accepted Date:9 January 2018

<image><image><section-header><section-header><section-header>

Please cite this article as: W. Saal, N. Wyttenbach, J. Alsenz, M. Kuentz, Interactions of dimethylaminoethyl methacrylate copolymer with non-acidic drugs demonstrated high solubilization *in vitro* and pronounced sustained release *in vivo*, *European Journal of Pharmaceutics and Biopharmaceutics* (2018), doi: https://doi.org/10.1016/j.ejpb.2018.01.006

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

Interactions of dimethylaminoethyl methacrylate copolymer with non-acidic drugs demonstrated high solubilization *in vitro* and pronounced sustained release *in vivo*

Wiebke Saal^{a,b,1}, Nicole Wyttenbach^c, Jochem Alsenz^c, Martin Kuentz^{a*}

^aUniversity of Applied Sciences and Arts Northwestern Switzerland, Institute of Pharma Technology, Gründenstrasse 40, 4132 Muttenz, Switzerland

^bUniversity of Basel, Institute of Pharmaceutical Technology, Klingelbergstrasse 50, 4056 Basel, Switzerland

^cRoche Pharmaceutical Research & Early Development, Pre-Clinical CMC, Roche Innovation Center Basel, F. Hoffmann-La Roche Ltd, Grenzacherstrasse 124, 4070 Basel, Switzerland

¹present address: Roche Pharmaceutical Research & Early Development, Pre-Clinical CMC, Roche Innovation Center Basel, F. Hoffmann-La Roche Ltd, Grenzacherstrasse 124, 4070 Basel, Switzerland

Prof. Dr. Martin Kuentz

University of Applied Sciences and Arts Northwestern Switzerland

Institute of Pharma Technology

Gründenstrasse 40

4132 Muttenz / Switzerland

T +41 (61) - 467 46 88 / F +41 (61) - 467 47 01

martin.kuentz@fhnw.ch

Download English Version:

https://daneshyari.com/en/article/8412084

Download Persian Version:

https://daneshyari.com/article/8412084

Daneshyari.com