#### Accepted Manuscript

Pegylated nanoparticles for the oral delivery of nimodipine: Pharmacokinetics and effect on the anxiety and cognition in mice

Lina Clara Gayoso e Almendra Ibiapina Moreno, Maite Solas, María Cristina Martínez-Ohárriz, Egoitz Muñoz, Nereide Stela Santos-Magalhães, Maria J. Ramirez, Juan M. Irache

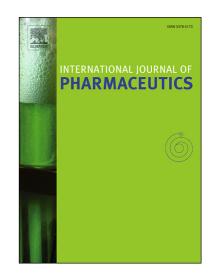
PII: S0378-5173(18)30195-9

DOI: https://doi.org/10.1016/j.ijpharm.2018.03.048

Reference: IJP 17391

To appear in: International Journal of Pharmaceutics

Received Date: 23 January 2018 Revised Date: 24 March 2018 Accepted Date: 27 March 2018



Please cite this article as: L.C.G. Moreno, M. Solas, M.C. Martínez-Ohárriz, E. Muñoz, N.S. Santos-Magalhães, M.J. Ramirez, J.M. Irache, Pegylated nanoparticles for the oral delivery of nimodipine: Pharmacokinetics and effect on the anxiety and cognition in mice, *International Journal of Pharmaceutics* (2018), doi: https://doi.org/10.1016/j.ijpharm.2018.03.048

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**

# Pegylated nanoparticles for the oral delivery of nimodipine: Pharmacokinetics and effect on the anxiety and cognition in mice

Lina Clara Gayoso e Almendra Ibiapina Moreno<sup>a,b</sup>, Maite Solas<sup>c</sup>, María Cristina Martínez-Ohárriz<sup>b</sup>, Egoitz Muñoz<sup>c</sup>, Nereide Stela Santos-Magalhães<sup>a</sup>, Maria J. Ramirez<sup>c</sup>, Juan M. Irache<sup>b</sup>

#### **Corresponding author:**

Prof. Juan M. Irache
Nanomedicines and Vaccines (NANO-VAC) Research Group
Dep. Pharmacy and Pharmaceutical Technology
University of Navarra
C/ Irunlarrea, 1
31008 – Pamplona
Spain

Phone: +34948425600 Fax: +34948425619

E-mail: jmirache@unav.es

<sup>&</sup>lt;sup>a</sup> Immunopatology Keizo-Asami Laboratory, Federal University of Pernambuco, Recife, Brazil.

b Nanomedicines and Vaccines (NANO-VAC) Research Group, University of Navarra, Spain.

<sup>&</sup>lt;sup>c</sup> Department of Pharmacology and Toxicology, University of Navarra, Pamplona, Spain.

#### Download English Version:

## https://daneshyari.com/en/article/8520003

Download Persian Version:

https://daneshyari.com/article/8520003

<u>Daneshyari.com</u>