

Accepted Manuscript

Pharmacological characterization of EN-9, a novel chimeric peptide of endomorphin-2 and neuropeptide FF that produces potent antinociceptive activity and limited tolerance

Zi-long Wang, Ning Li, Pei Wang, Hong-hai Tang, Zheng-lan Han, Jing-jing Song, Xu-hui Li, Hong-ping Yu, Ting Zhang, Run Zhang, Biao Xu, Meng-na Zhang, Quan Fang, Rui Wang

PII: S0028-3908(16)30089-2

DOI: [10.1016/j.neuropharm.2016.03.017](https://doi.org/10.1016/j.neuropharm.2016.03.017)

Reference: NP 6214

To appear in: *Neuropharmacology*

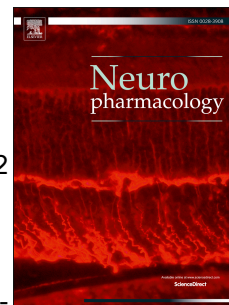
Received Date: 10 November 2015

Revised Date: 8 March 2016

Accepted Date: 8 March 2016

Please cite this article as: Wang, Z.-l., Li, N., Wang, P., Tang, H.-h., Han, Z.-l., Song, J.-j., Li, X.-h., Yu, H.-p., Zhang, T., Zhang, R., Xu, B., Zhang, M.-n., Fang, Q., Wang, R., Pharmacological characterization of EN-9, a novel chimeric peptide of endomorphin-2 and neuropeptide FF that produces potent antinociceptive activity and limited tolerance, *Neuropharmacology* (2016), doi: 10.1016/j.neuropharm.2016.03.017.

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.



**Pharmacological characterization of EN-9, a novel chimeric peptide
of endomorphin-2 and neuropeptide FF that produces potent
antinociceptive activity and limited tolerance**

Zi-long Wang¹, Ning Li¹, Pei Wang, Hong-hai Tang, Zheng-lan Han, Jing-jing Song,
Xu-hui Li, Hong-ping Yu, Ting Zhang, Run Zhang, Biao Xu, Meng-na Zhang, Quan
Fang*, Rui Wang*

*Key Laboratory of Preclinical Study for New Drugs of Gansu Province, and Institute
of Physiology, School of Basic Medical Sciences, Lanzhou University, 199 Donggang
West Road, Lanzhou, 730000, PR China*

¹Both authors contributed equally to this work.

* Corresponding Authors: Quan Fang, Ph.D., Professor.

Rui Wang, Ph.D., Dean & Chair Professor.

Address: Key Laboratory of Preclinical Study for New Drugs of Gansu Province,
School of Basic Medical Sciences, Lanzhou University, 199 Donggang
West Road, Lanzhou, 730000, P.R.China.

Tel: +86-931-8912567;

Fax: +86-931-8912567;

E-mail: fangq@lzu.edu.cn

wangrui@lzu.edu.cn

Download English Version:

<https://daneshyari.com/en/article/5813509>

Download Persian Version:

<https://daneshyari.com/article/5813509>

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