

Accepted Manuscript

Title: Protective effect of betulinic acid against intracerebroventricular streptozotocin induced cognitive impairment and neuronal damage in rats: Possible neurotransmitters and neuroinflammatory mechanism

Authors: Madhu Kaundal, Rahul Deshmukh, Mohd Akhtar

PII: S1734-1140(17)30096-8
DOI: <https://doi.org/10.1016/j.pharep.2017.11.020>
Reference: PHAREP 830

To appear in:

Received date: 8-2-2017
Revised date: 27-11-2017
Accepted date: 29-11-2017

Please cite this article as: Madhu Kaundal, Rahul Deshmukh, Mohd Akhtar, Protective effect of betulinic acid against intracerebroventricular streptozotocin induced cognitive impairment and neuronal damage in rats: Possible neurotransmitters and neuroinflammatory mechanism (2010), <https://doi.org/10.1016/j.pharep.2017.11.020>

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.



Protective effect of betulinic acid against intracerebroventricular streptozotocin induced cognitive impairment and neuronal damage in rats: possible neurotransmitters and neuroinflammatory mechanism.

Madhu Kaundal, Rahul Deshmukh, Mohd Akhtar*

Department of Pharmacology, School of Pharmaceutical Education and Research (Formerly:

Faculty of Pharmacy, Jamia Hamdard (Hamdard University)

New Delhi 110062 India.

*** Correspondence:**

*Dr. Mohd Akhtar

Assistant Professor

Department of Pharmacology

SPER (Formerly: Faculty of Pharmacy)

Jamia Hamdard (Hamdard University)

New Delhi- 110062, India

Mobile No: +91-9811777883

E-mail: makhtar_ph@jamiahamdard.ac.in, fiatakhtar@hotmail.com

Graphical abstract

Download English Version:

<https://daneshyari.com/en/article/8349628>

Download Persian Version:

<https://daneshyari.com/article/8349628>

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