Journal of Molecular Pharmaceutics & Organic Process Research
ISSN:2329-9053 Open Access

In vivo PKPD evaluation and computer modelling of apocyninin reducing organ superoxide production

Fangfei Liuand Jian –Mei Li
School of Biological sciences,university of Reading,united Kingdom

Abstract:
Oxidative stress due to the activation of Nox2-NADPH oxidase (Nox2) plays an important role in the pathogenesis of many diseases. Apocynin (4'-hydroxy-3'methoxyacetophenone) is an inhibitor of the Nox2 enzymewidely used in many preclinical and experimental studies. However, its*in vivo* pharmacokinetics and tissue distribution have not been well evaluated. In this study, we investigated the PKPD of apocynin after intravenous administration. The effect of apocynin to reduce brain oxidative stress.

Biography:

Fangfei Liuand Jian –Mei Li
Member of molecular and cellular medicine group

Publications:
Fangfei Liuand Jian,Exploration of alcohol consumption behaviours and health related influencing factors of young adults in the UK

20th Medical & Pharmaceutical sciences congress,November 9-10,2020,Budapest,Hungary

Abstract Citation: Fangfei Liuand Jian,In VIVO pkpd evaluation and computer modeling of apocyninin reducing organ superoxide production, November 9-10,2020,Budapest,Hungary