Research Article

In-silico analysis of tenidap and its derivative as a novel 5-lipoxygenase inhibitor

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Tenidap is a derivative of Flavonoids which are actually plant derivatives, it shows inhibition activity of 5-lipoxygenase. Molecular models were directed to discover molecular docking mode, also to help explain molecular tool behind its inhibitory action ...

Generation of Porous Structure from Basil Seed Mucilage via Supercritical Fluid Assisted Process for Biomedical Applications

Published On: June 15, 2017 | Pages: 030 - 035

Author(s): Iman Akbari and Seyyed Mohammad Ghoreishi*

Mucilage’s are plant derived natural polymer which are valuable due to their nontoxicity, low cost and nonirritating nature, with wide range of applications. ...

Effects of Duration of Treatment, HIV and HCV Co-Infection on Hematological and Hepatic Functions in Libyan Patients with Pulmonary Tuberculosis

Published On: January 30, 2017 | Pages: 017 - 023
Author(s): Fadya A Menesi, Mabroka A El-Majdob, Saleh E Mghil, Isam Denna, Ghazala Othman, Mustafa YG Younis, Faraj El-Shari, Abdulkader H El-Debani, Fathi M Sherif* and Awad G Abdellatif

Background: Pulmonary tuberculosis (TB) remains a major global health problem despite the availability of efficient treatment over the last decades. ...

In Silico Estimation of Skin Concentration of Dermally Metabolized Chemicals

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Author(s): Tomomi Hatanaka, Saki Yamamoto, Mayuko Kamei, Wesam R Kadhum, Hiroaki Todo and Kenji Sugibayashi*

Background: A great deal of in silico estimation methods were proposed for skin concentration and permeation of drugs by many researchers including us. The aim of the present study was to expand our in silico estimation method of skin concentration to dermally metabolized chemicals. ...

Development and Evaluation of Rutin-HPCD Inclusion Complex Based Mouth Dissolving Tablets

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Author(s): Hitendra S Mahajan* and Krishna G Bhalkar

The objective of the present study was to explore inclusion complex of Rutin to improve the aqueous solubility and dissolution rate along with rapid mouth dissolving tablets for oral drug delivery. ...

Moringa Oleifera: Panaromic View on Nutritional, Therapeutic Activity and Patent Landscape
Phytomedicines are believed to have benefits over conventional drugs and are regaining interest in current pharmaceutical research. Moringa oleifera is a multi-purpose plant used as a human food, nutraceutical and alternative for medicinal purpose worldwide. ...