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

Published On: November 24, 2017 | Pages: 036 - 038

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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 ...
Author(s): Fadya A Menesi, Mabroka A Majdab, 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. ...

Open Access Research Article PTZAIID:IJPSDR-3-110

In Silico Estimation of Skin Concentration of Dermally Metabolized Chemicals

Published On: January 23, 2017 | Pages: 007 - 016

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. ...

Open Access Research Article PTZAIID:IJPSDR-3-109

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

Published On: January 21, 2017 | Pages: 001 - 006

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. ...

Open Access Review Article PTZAIID:IJPSDR-3-112

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.

JAK inhibitors: a promising direction for treating Rheumatoid Arthritis

Rheumatoid Arthritis (RA) is a chronic auto-inflammation disease that causes incapacitating changes both the musculoskeletal system and the internal organs [1].