2023 | Volume Volume - 8 - Issue Issue - 1

In this issue

Research Article

Open Access Research Article PTZAID:OJC-8-129

Antioxidant activity assay and determination of phenolic and flavonoid content of Libho (Ficus Septica Burm. F) fruits

Published On: October 14, 2022 | Pages: 008 - 013

Author(s): Yamin*, Rina Andriani, Sabarudin, Nur Haijah and Henny Kasmawati

Background: One of the plants used in Indonesian traditional medicine Libho (Ficus Septica Burm. F) is traditionally used to treat some diseases, including malaria, diarrhea, diabetes, analgesic, antifungal, dysentery, anthelmintic, antioxidant, hemostatic and anti-inflammatory. Purpose: The purpose of the study is to investigate the potential in vitro antioxidant a ...

Abstract View Full Article View DOI: 10.17352/ojc.000029

Open Access Research Article PTZAID:OJC-8-128

Synthesis of optically pure calix[4]arenes derived from Evans oxazolidinone and/or pyranose

Published On: October 01, 2022 | Pages: 001 - 007

Author(s): Claude Bauder and David Sémeril*

Eight new optically pure calixarene derivatives, in which their lower rims were substituted with Evans oxazolidinone or pyranose moiety, are described. All macrocycles were fully characterized by NMR spectroscopy, optical rotation, and elemental analysis. The introduction of chiral auxiliaries reduced the symmetry of the macrocycle as observed by NMR. Stereospecific a ...

Abstract View Full Article View DOI: 10.17352/ojc.000028