

Indian Journal of Chemistry

Sect. B: Organic Chemistry including Medicinal Chemistry

VOL. 60B

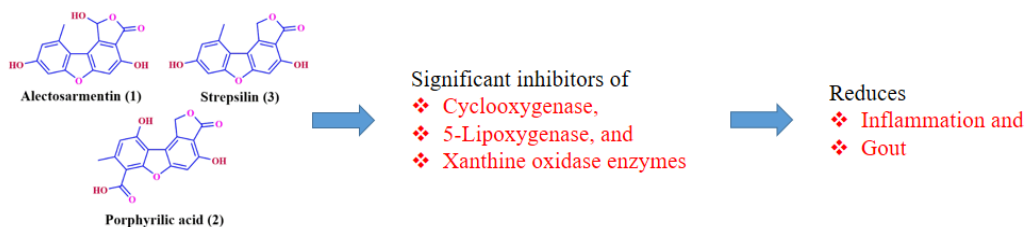
NUMBER 5

MAY 2021

CONTENTS

Papers

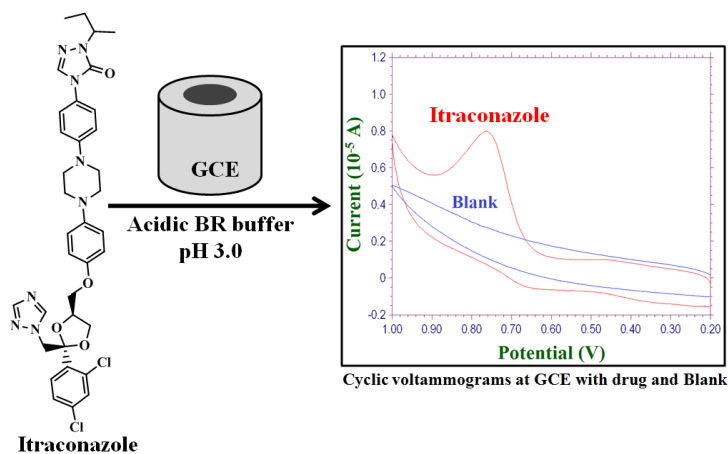
- 715 **Dibenzofurans from *Cladonia corniculata* Ahti and Kashiw inhibit key enzymes involved in inflammation and gout: An *in vitro* approach**



Vamsi Krishna Tatipamula & Vinay Bharadwaj Tatipamula*

Institute of Research and Development, Duy Tan University, Quang Trung, Da Nang 550000, Vietnam

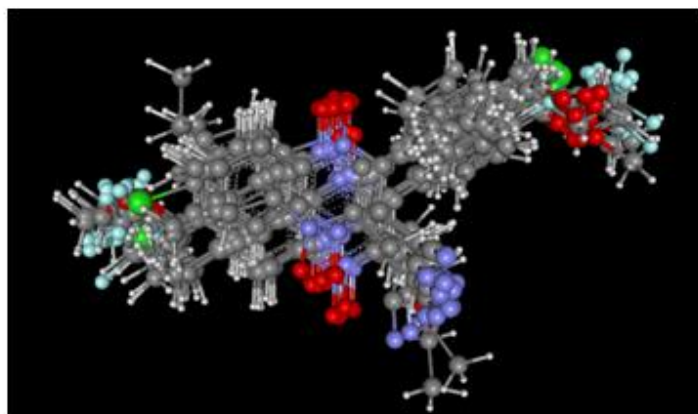
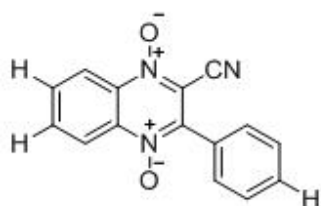
- 720 **Voltammetric study of itraconazole an antifungal drug at glassy carbon electrode in acidic medium: A simple plus cost-effective detection method**



Varsha Jakhar & D K Sharma*

Electrochemical Sensor Research Laboratory, Department of Chemistry,
Chemical Technology, Hyderabad 500 007, India

-
- 727 **3D QSAR analysis on quinoxaline derivatives as anti-malarial using K-nearest neighbour molecular field analysis**



Achal Mishra*, Yogesh Vaishnav, Arvind Kumar Jha & Shekhar Verma

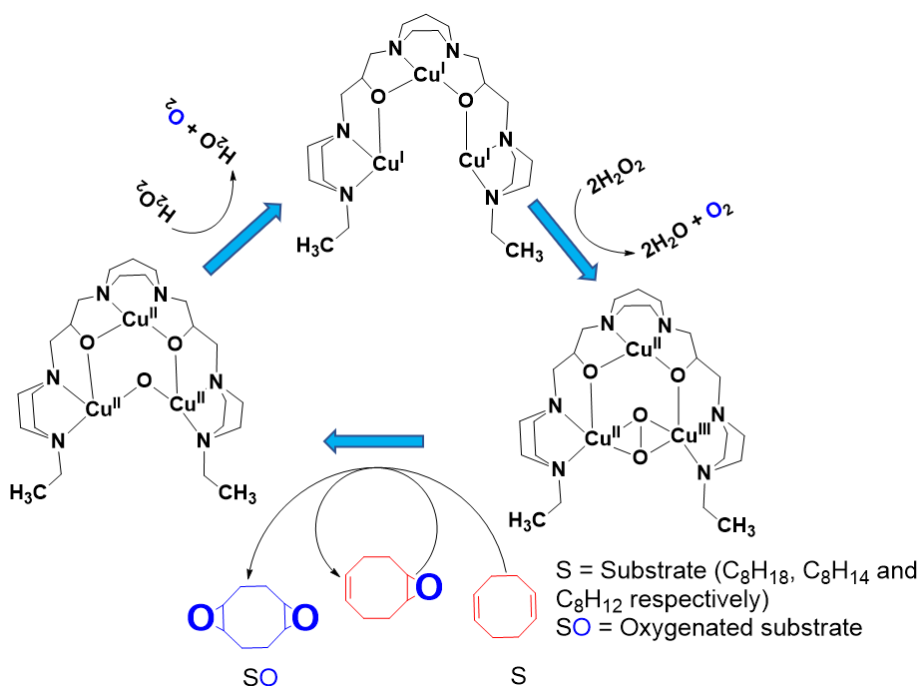
Faculty of Pharmaceutical Sciences Shri Shankaracharya Technical Campus, Bilai 491 001, India

-
- 732 **Computational and spectroscopy study of melatonin**

Rebaz Omar*, Pelin Koparir, Lana Ahmed & Metin Koparir

Department of Chemistry, Faculty of Science & Health, Koya University, Koya KOY45, Kurdistan Region, F.R. Iraq

- 742 Efficient and region-selective conversion of octanes to epoxides under ambient conditions: Performance of tri-copper catalyst, $[\text{Cu}_3\text{I}(\text{L})]+1$ ($\text{L}=7\text{-N-Etppz}$)



Catalysis of 1,5 cyclooctadiene substrate oxidation by a tricopper complex for efficient conversion of bisepoxide, without over oxidation at room temperature.

Penumaka Nagababu*, Perala Sudheer Paul, Thatiparthi Byragi Reddy & Reddithota J Krupadam

Environmental Materials Division, CSIR-National Environmental Engineering Research Institute,
 Nehru Marg, Nagpur 440 020, India

- 746 Design, synthesis of novel pyrazolopyridine derivatives and CREBBP bromodomain inhibitors docking and molecular dynamics

M Saamanthi*, S Aruna, R Girija & D Vinod

PG & Research Department of Chemistry, Queen Mary's College, Chennai 600 004, India

- 755 Design, synthesis, and evaluation of new colorimetric chemosensors containing quinazolinones moiety for some cations detection in an aqueous medium and biological sample

Ayman M Algoahary, Mohamed M Hassan*, Sami G Almalkic & Esam S Al-Malkid

Chemistry Department, Faculty of Education, Ain Shams University, Roxy, 11711, Cairo, Egypt

- 767** **Synthesis and biological evaluation of a series of novel benzofuran-2-carboxylate 1,2,3-triazoles**

K Bhaskar & J S Yadav*

Center for Semio Chemical Laboratory, CSIR-Indian Institute of Chemical Technology, Hyderabad 500 007, India

Authors for correspondence are indicated by (*)
