

# European Journal of Chemistry

An International Open Access Journal

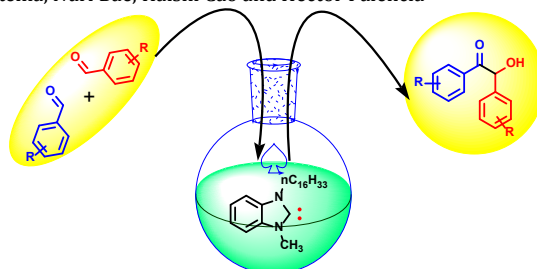
## Graphical Contents

Volume 10, Issue 1, 31 March 2019

European Journal of Chemistry 10 (1) (2019) 1-6

### Benzoin condensation of aromatic aldehydes catalyzed by *N*-heterocyclic carbenes under mild conditions

Isabel Monreal-Leyva, Breanna Rose Attema, Nuri Bae, Haishi Cao and Hector Palencia

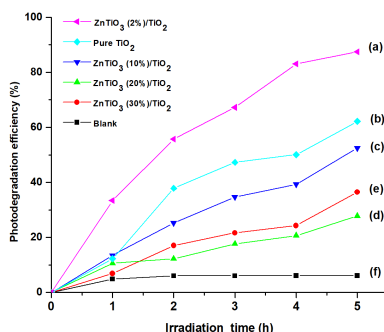


The benzoin condensation of aromatic aldehydes is catalysed by an NHC under mild conditions. The catalytic activity of the NHC is influenced by the length of an alkyl chain.

European Journal of Chemistry 10 (1) (2019) 7-11

### Investigation of ZnTiO<sub>3</sub>/TiO<sub>2</sub> composites and their application in photocatalysis

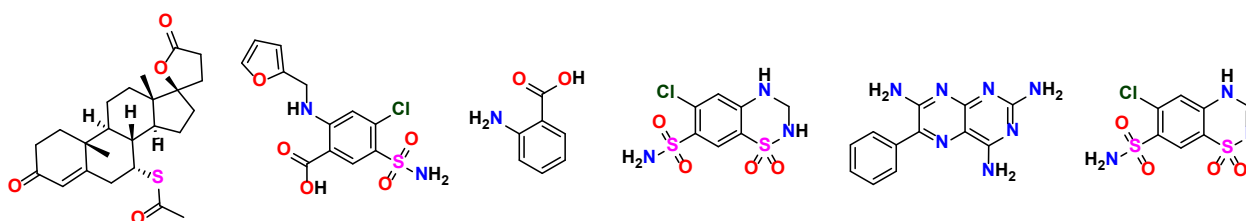
Zhenzhao Pei, Pei Wang and Zhiguo Li



European Journal of Chemistry 10 (1) (2019) 12-18

### Determination of antihypertensive drugs by using ratio difference spectrophotometric method

Nessreen Salah Abdelhamid, Eglal Abdelhamid Abd El Aleem, Aml Mohamed Khorshed and Mahmoud Mohsen Amin



European Journal of Chemistry

ISSN 2153-2249 (Print) / ISSN 2153-2257 (Online) – Copyright © 2019 Atlanta Publishing House LLC – Printed in the USA.

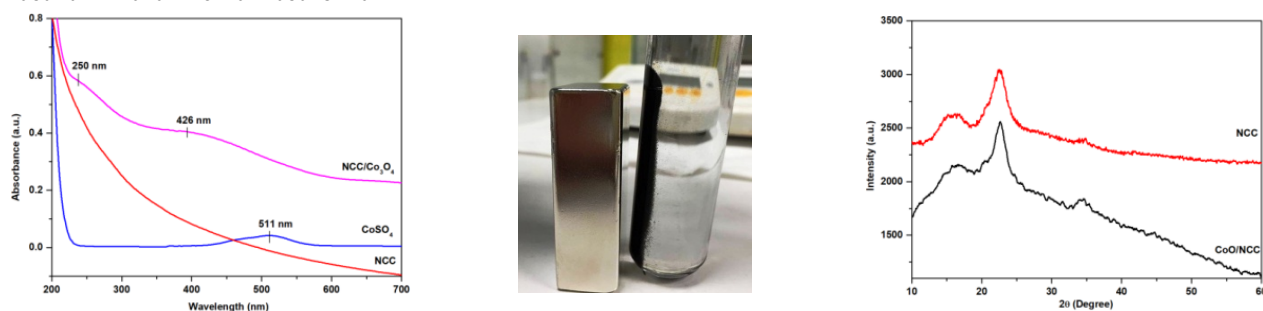
This work is published and licensed by Atlanta Publishing House LLC – CC BY NC – Some Rights Reserved.

DOI: <http://dx.doi.org/10.5155/eurjchem.10.1.iii-vi.1836>

European Journal of Chemistry 10 (1) (2019) 19-25

### Synthesis of nanocellulose/cobalt oxide composite for efficient degradation of Rhodamine B by activation of peroxymonosulfate

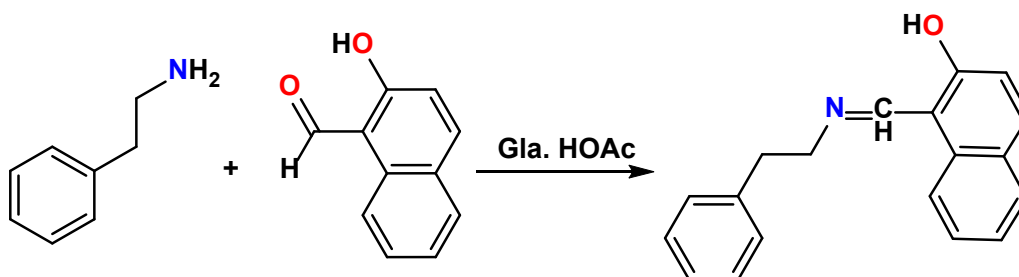
Faouzia Khili and Amel Dakhlaoui Omrani



European Journal of Chemistry 10 (1) (2019) 26-29

### Synthesis, characterization and acute toxicity of new Schiff base derived from phenylethyl amine and 2-hydroxy naphthaldehyde

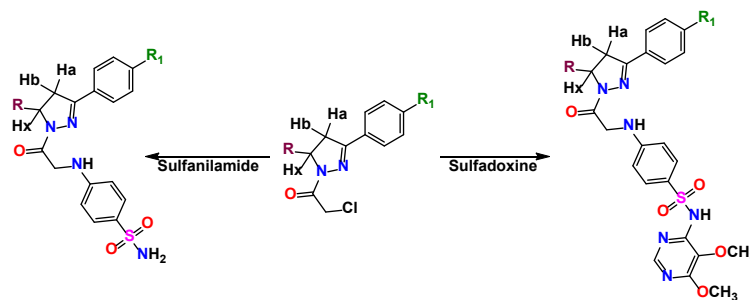
Ibtihal Hassan Hatim, Wasfi Aboud Al-Masoudi and Rashad Fadhil Ghadhban



European Journal of Chemistry 10 (1) (2019) 30-36

### Synthesis and antimicrobial activity of some new pyrazoline derivatives bearing sulfanilamido moiety

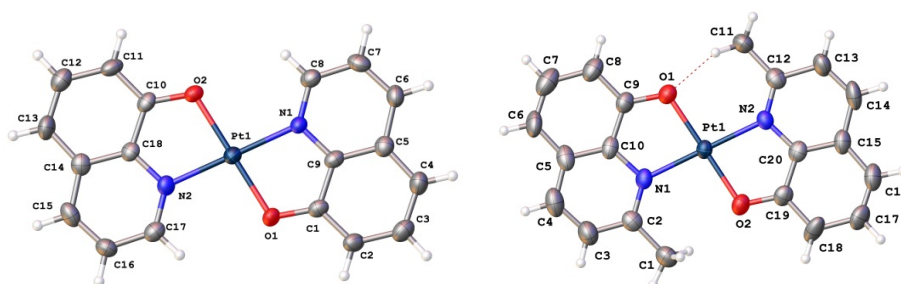
Maysoun Mohammed Almahdhi, Ahmed Elsadig Mohammed Saeed and Nadia Hanafy Metwally



European Journal of Chemistry 10 (1) (2019) 37-44

### Synthesis, crystal structure and in vitro anticancer studies of two bis(8-quinolinolato-N,O)-platinum(II) complexes

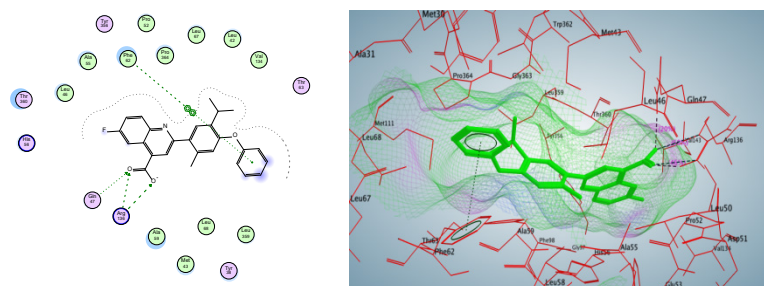
Hong Chen and Mingguo Liu



European Journal of Chemistry 10 (1) (2019) 45-51

### QSAR and molecular docking studies on 4-quinoline carboxylic acid derivatives as inhibition of vesicular stomatitis virus replication

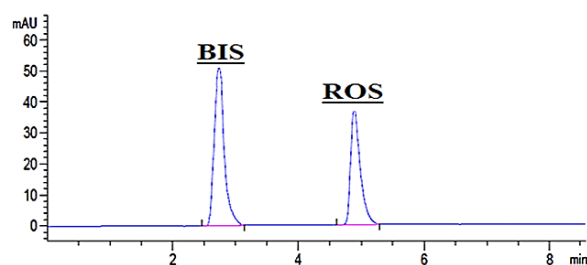
Tawassl Tajelsir Hassan Hajalsiddig and Ahmed Elsadig Mohammed Saeed



European Journal of Chemistry 10 (1) (2019) 52-56

### Simultaneous determination of bisoprolol fumarate and rosuvastatin calcium in a new combined formulation by validated RP-HPLC

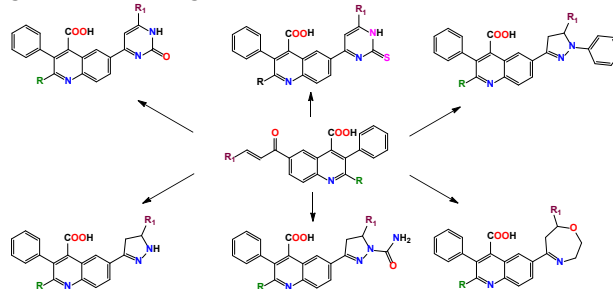
Marco Mounir Zaki, Nada Sayed Abdelwahab, Adel Ahmed Ali and Souty Mounie Zaki Sharkawi



European Journal of Chemistry 10 (1) (2019) 57-63

### Synthesis of new 6-substituent 2-phenyl and 2-(furan-2-yl)-3-phenyl-quinoline-4-carboxylic acid derivatives

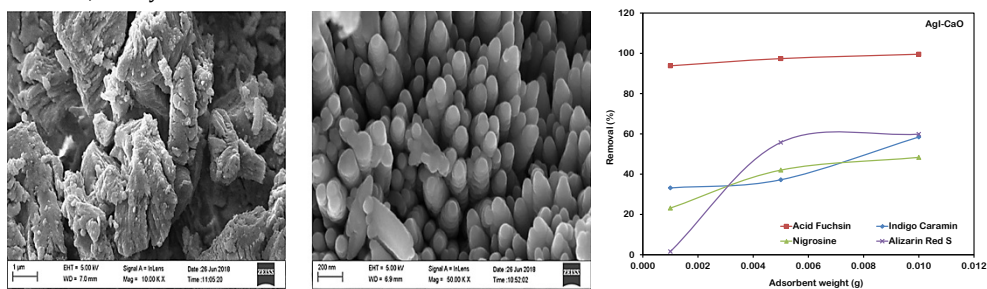
Tawassl Tajelsir Hassan Hajalsiddig and Ahmed Elsadig Mohammed Saeed



European Journal of Chemistry 10 (1) (2019) 64-71

### Investigation of nigrosine, alizarin, indigo and acid fuchsin removal by modification of CaO derived from eggshell with AgI: Adsorption, kinetic and photocatalytic studies

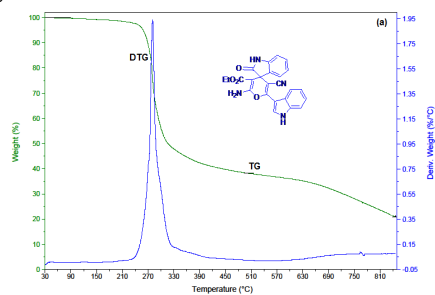
Ibtighaa Kadhim Radhi, Mouayed Abdulaali Hussein and Zaki Naser Kadhim



European Journal of Chemistry 10 (1) (2019) 72-81

**Synthesis, characterization and thermal decomposition of ethyl-2'-amino-5'-cyano-6'-(1H-indole-3-yl)-2-oxospiro[indoline-3,4'-pyran]-3'-carboxylate under non-isothermal condition in nitrogen atmosphere**

Ganesan Nalini, Natesan Jayachandramani, Radhakrishnan Suresh, Prakasam Thirumurugan, Venugopal Thanikachalam, Govindasamy Manikandan and Dharmalingam Sankari



European Journal of Chemistry 10 (1) (2019) 82-94

**Band edge positions as a key parameter to a systematic design of heterogeneous photocatalyst**

Eshraq Ahmed Abdullah

