

European Journal of Chemistry

An International Open Access Journal

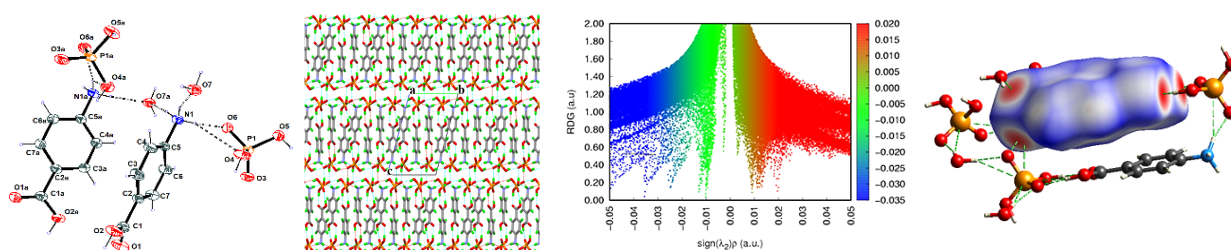
Graphical Contents

Volume 15, Issue 1, 31 March 2024

European Journal of Chemistry 15 (1) (2024) 1-16

4-Carboxyanilinium dihydrogen phosphate monohydrate, an organophosphate adducts of 4-amino benzoic acid: Structural, vibrational, thermal, and computational studies

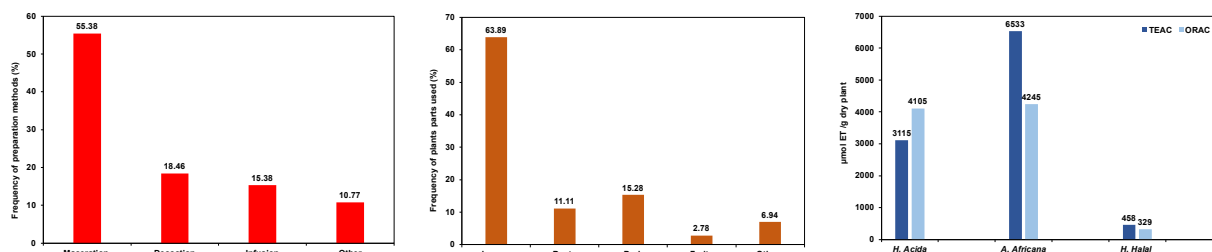
Lata Panicker



European Journal of Chemistry 15 (1) (2024) 17-24

Ethnobotanical survey and biological activities of plants used for cancer treatment in traditional Senegalese medicine

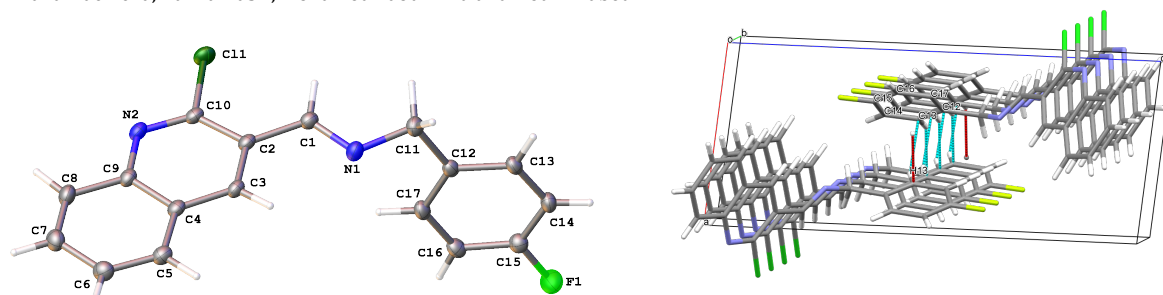
Khadidiatou Thiam, Fathi Emhemmed, Amadou Diop, Diane Julien-David, Zhao Minjie, Sarr Serigne Omar, Bara Ndiaye, Yérin Mbagnick Diop and Eric Marchionni



European Journal of Chemistry 15 (1) (2024) 25-30

Synthesis, crystal structure, and spectroscopic characterization of a new non-centrosymmetric compound, 1-(2-chloroquinolin-3-yl)-N-(4-fluorobenzyl)methanimine

Maha Hachicha, Rawia Nasri, Mohamed Faouzi Zid and Hédi Mrabet



European Journal of Chemistry

ISSN 2153-2249 (Print) / ISSN 2153-2257 (Online) – Copyright © 2024 Atlanta Publishing House LLC – Printed in the USA.

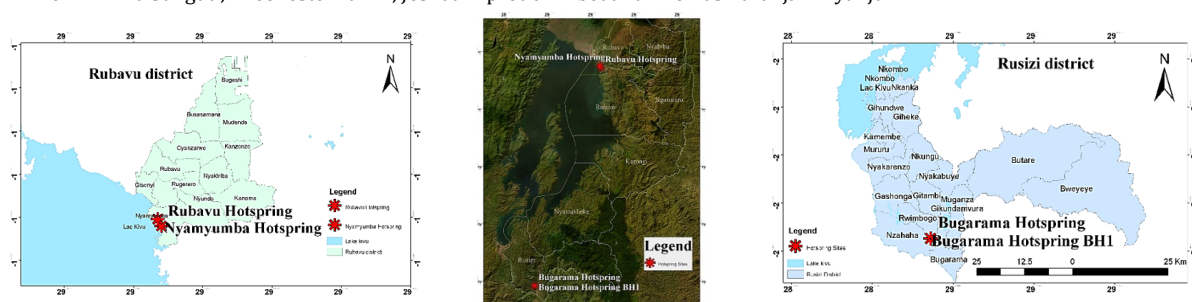
This work is published and licensed by Atlanta Publishing House LLC – CC BY NC – Some Rights Reserved.

<https://dx.doi.org/10.5155/eurjchem.15.1.iii-v.2548>

European Journal of Chemistry 15 (1) (2024) 31-38

Geochemical survey of the Nyamyumba and Bugarama hot springs in the western province of Rwanda

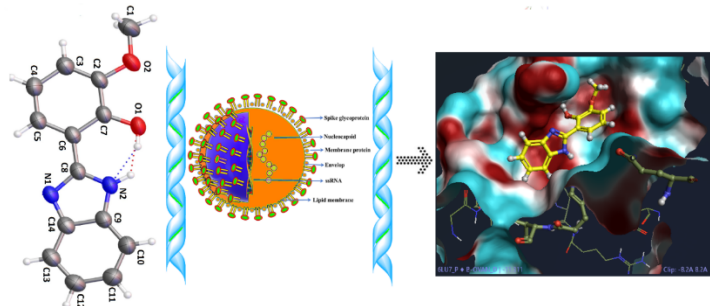
Anzelim Eliwa Sunguti, Theoneste Muhizi, Joshua Kiprotich Kibet and Thomas Karanja Kinyanjui



European Journal of Chemistry 15 (1) (2024) 39-49

Synthesis and structural depiction of the isomeric benzimidazole pair and its *in-silico* anti-SARS-CoV-2 activities

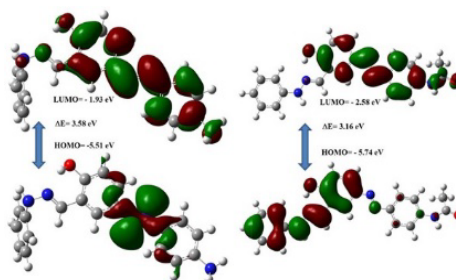
Ananya Debnath, Shreya Mahato, Abhranil De, Himanshu Verma, Om Silakari and Bhaskar Biswas



European Journal of Chemistry 15 (1) (2024) 50-70

Comparative study of 4-((4-aminophenyl)diazenyl)-2-((2-phenylhydrazono) methyl)phenol and *N*-4-((4-hydroxy-3-((2-phenylhydrazono)methyl)phenyl) diazenyl)phenyl)acetamide - DFT method

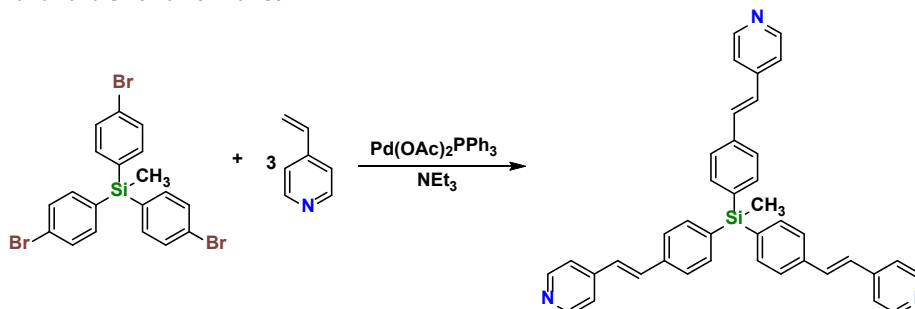
Richard Rajkumar Siluvairaj, Vallal Perumal Govindasamy, Rajarajan Govindasamy, Periyannayagasamy Vanathu Chinnappan and Thanikachalam Venugopal



European Journal of Chemistry 15 (1) (2024) 71-73

Facile Heck coupling synthesis and characterization of a novel tris(4-(pyridine-4-vinyl)phenyl)methylsilane tridentate core

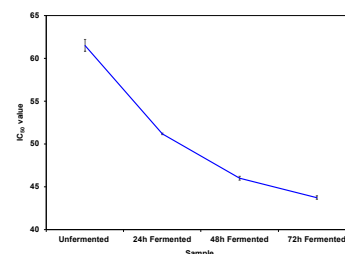
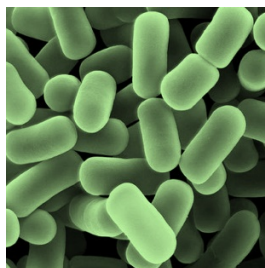
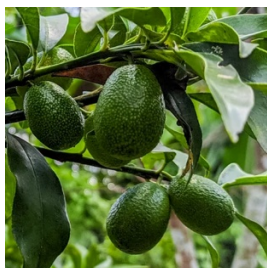
Okpara Sergeant Bull and Chioma Don-Lawson



European Journal of Chemistry 15 (1) (2024) 74-78

Investigation of the antioxidant properties of *Persea americana* seed flour altered by the fermentation process with *Lactobacillus plantarum*

Polegodage Dilushi Sureka Ruwan Kumari, Ranjani Amarakoon and Madushan Dhammika Gunarathna



European Journal of Chemistry 15 (1) (2024) 79-86

Effect of air pollution on plant life in the city of Chittagong, Bangladesh

Ahmed Jubaer, Mohammed Khorshed Ali, Saiyed Mahmud Tanvir Hassan, Md. Shahidul Islam, Muhammad Mahabub Alam, Sajia Islam, Mohammad Zahirul Islam Talukder and Rubayat Tahrir Sourav

