CSIR-NIScPR

सीएसआईआर
CSIR
भारत का नवाचार इंजन
The Innovation Engine of India
A CSIR PUBLICATION

Indian J Chem (Monthly)
FEBRUARY 2025
CODEN: IJCNI6 64(2)113-256(2025)
ISSN: 0019-5103 (Print); 2583-1321(Online)
indjchem@niscpr.res.in

Indian Journal of Chemistry

CSIR-National Institute of Science Communication and Policy Research
New Delhi, INDIA

https://niscpr.res.in

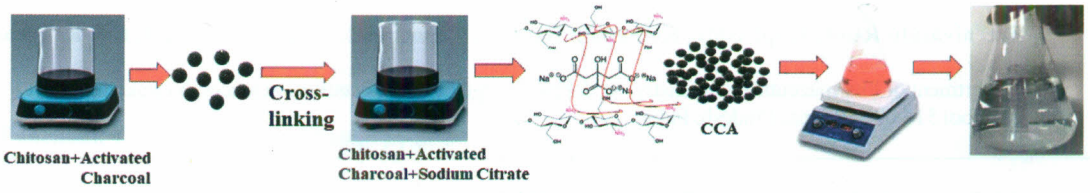
Website address: www.niscpr.res.in; http://nopr.niscpr.res.in

Indian Journal of Chemistry

VOL. 64 NUMBER 2 FEBRUARY 2025

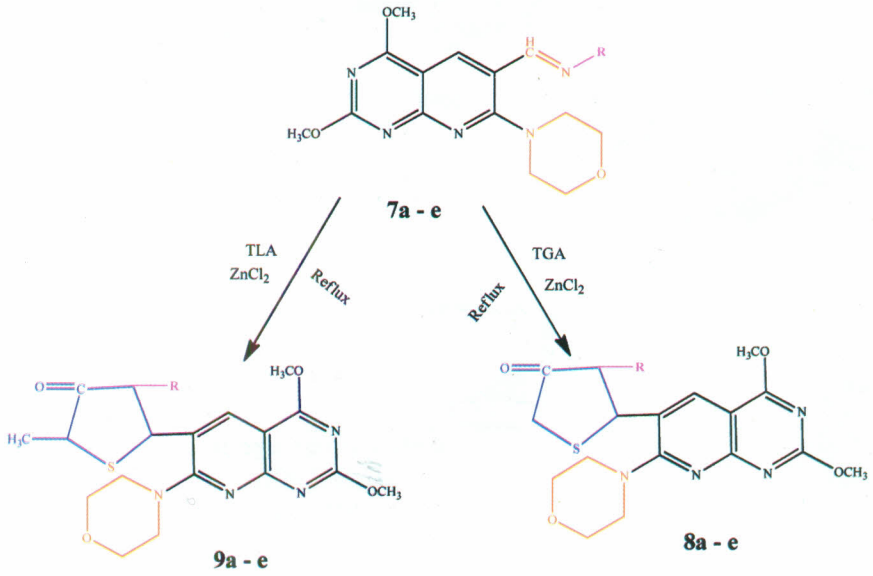
CONTENTS

Papers



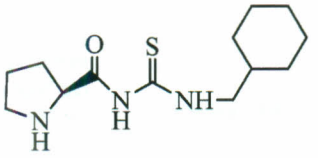
P M Nandanwar* & R M Jugade

Department of Chemistry, RTM Nagpur University, Nagpur 440 033, India

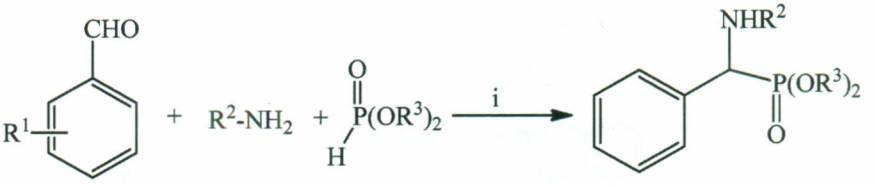


Hemanshu T Tandel*, Priya Kayastha & Bhargavi B Mistry

Department of Chemistry, Veer Narmad South Gujarat University, Surat 395 007, Gujarat, India

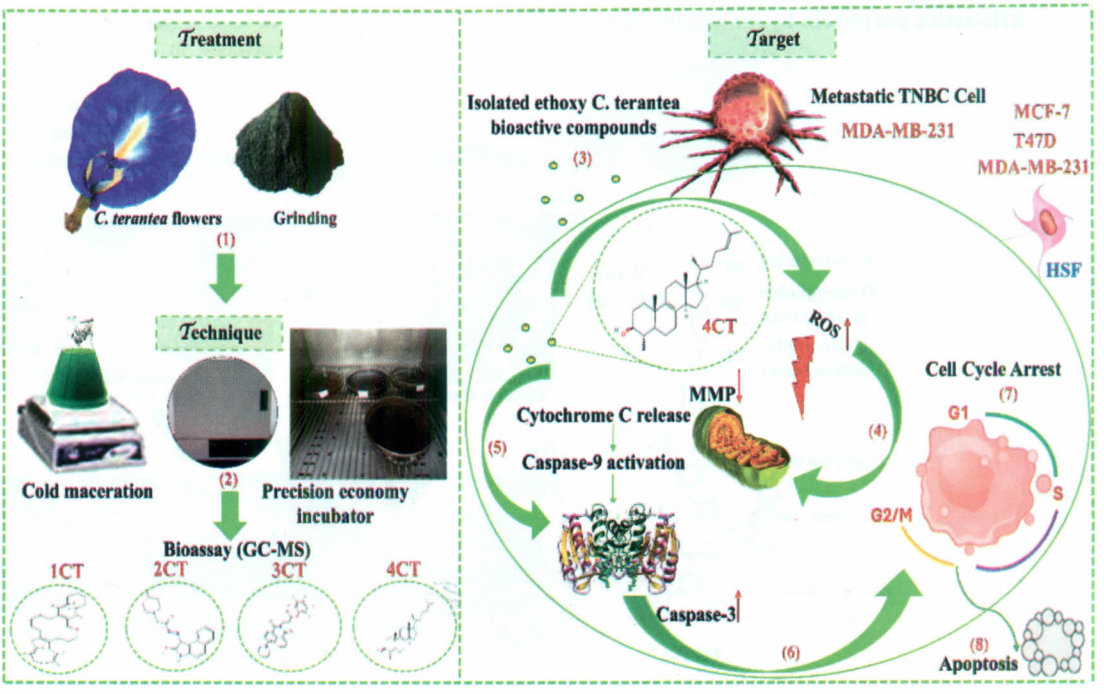


Thiourea Catalyst (NCCPC)



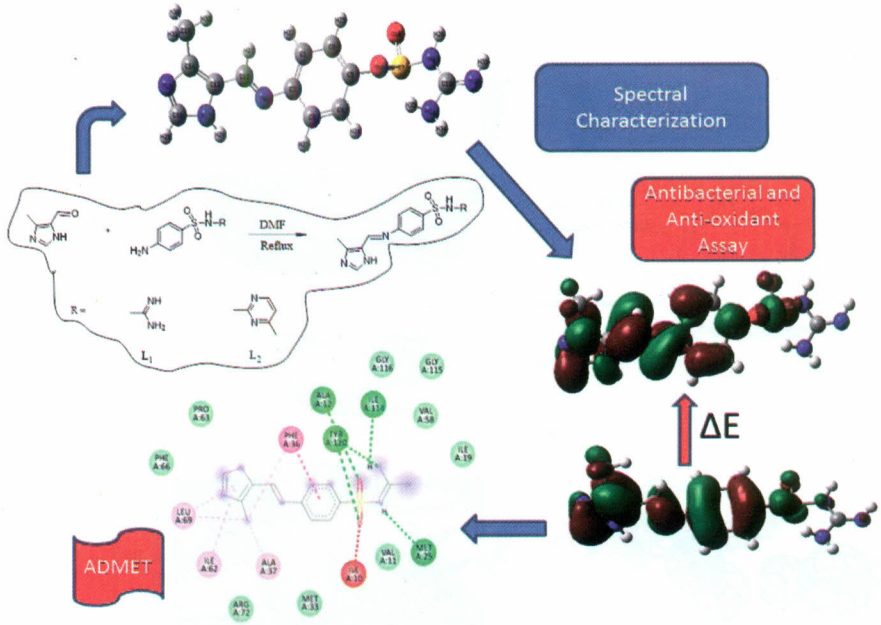
Shrinivas L Nakkalwar & Hanmant M Kasralikar*

Department of Chemistry, L. B. S. Mahavidyalaya, Dharmabad 431 809, Maharashtra, India



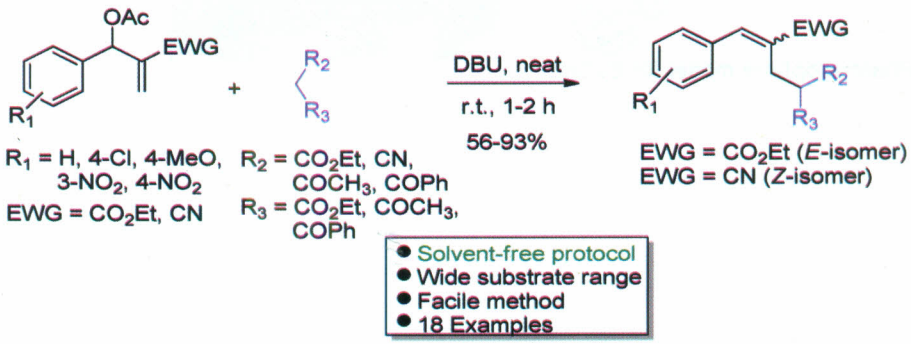
Fouzi S Aboud*, Majed A Al-Shaeri, Ali T Zari, Ehab M Ali & Naif A Almalki

Department of Biological Sciences, Faculty of Science, King Abdulaziz University, Jeddah 21589, Saudi Arabia



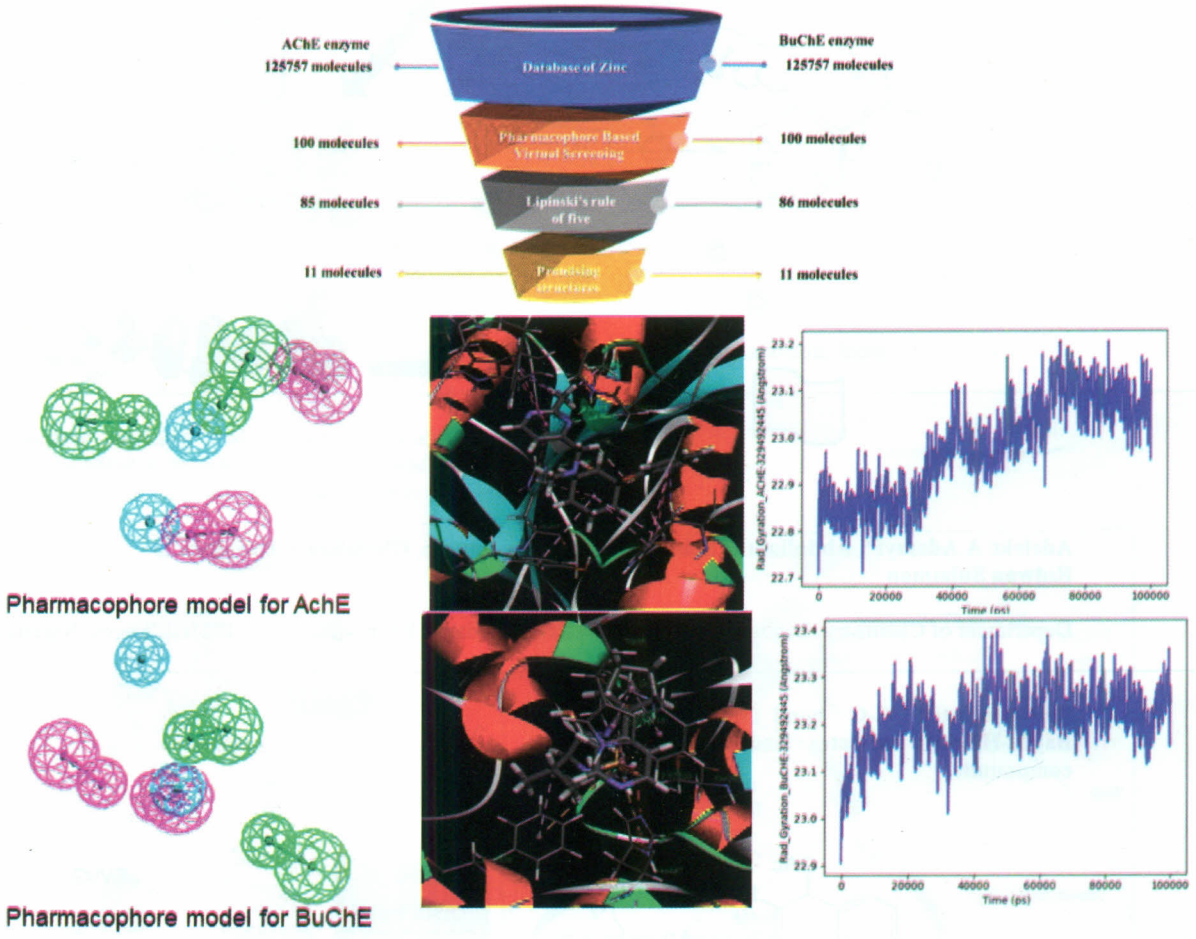
Adeleke A Adeniyi*, Abdullahi O Sobola, Mutiu O Sowemimo, Gbolahan S Towolawi & Ridwan Sulaimon

Department of Chemistry, Lagos State University, Lagos-Badagry Expressway, Ojo, 102101, Lagos, Nigeria



Sonam Tashi Khom, Pranjit Saikia & Nagendra Nath Yadav*

Department of Chemistry, North Eastern Regional Institute of Science and Technology, Nirjuli, Arunachal Pradesh 791 109, India

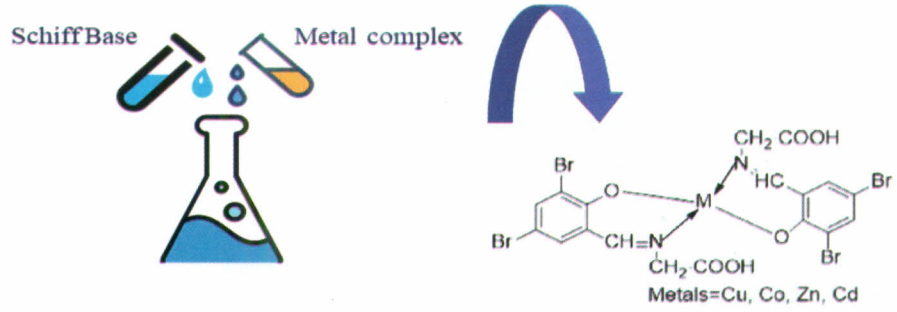


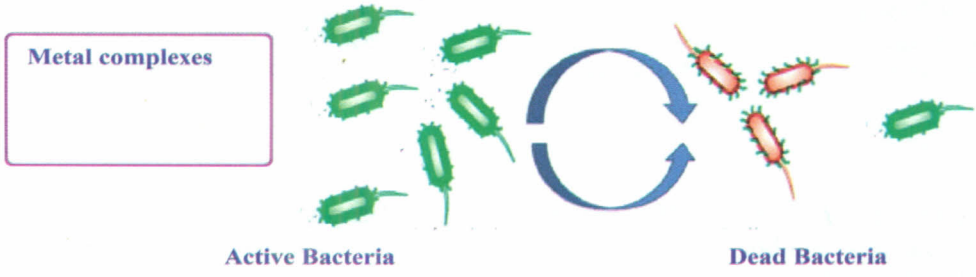
Poonam Yadav & Shivani Jaiswal*

Institute of Pharmaceutical Research, GLA University, Mathura 281 406, India

Notes

247 **Preparation and spectral characterization of Schiff base ligand and Cu(II), Co(II), Zn(II), Cd(II) metal complexes**





S Manimalathi, J Priya & D Madheswari*

Government Arts College for Women, Salem 636 008, Tamil Nadu, India

Authors for correspondence are indicated by (*)