Dr. (Mrs.) M. Gowri
Associate Professor
Department of Chemistry
School of Physical & Computational Sciences
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Area of Specialisation

Organometallic Chemistry, Bio-Inorganic Chemistry, Organic Chemistry, Crystallography,

Research Profile

Official website - ww.avinuty.ac.in/

ORCID - 0000-0001-5602-2813

ResearcherID(WoS) - ABG-2004-2020

Scopus - 57212244220

Research Gate - https://www.researchgate.net/profile/Gowri-/achievement 60e2cb42623179fb3052bc0b

Google Scholar - Cbv6WdEAAAAJ

LinkedIn - https://mail.google.com/mail/u/1/#inbox/FMfcgzGkZGjrxFKnczXlmVSTCZfFdCpj

Vidwan-ID - 192832

Research Guidance

Awarded – 2 (M. Phil - 1; Ph. D. -1)

On-Going Ph. D. : 1

Funded Projects

Principal Investigator

Synthesis, Spectral, Antifungal, Antibacterial and Anticancer Studies of Copper(II), Nickel(II) and Cobalt(II) Complexes of Antipyrine and o-Vanillin/Salicylaldehyde Schiff bases, UGC Block Grant - In-house Project, Jan 2019-Apr 2019, Amount Sactioned : Rs, 30,000

Status : Completed

Co-investigator

Thiosemicarbazone complexes: Synthesis, Structural Characterization, Anti-oxidant and DNA binding studies, UGC, Major Research Project, 2010-2013, F. No. 38-222/2009, Amount Sactioned : Rs, 5,89,800

Status : Completed

Awards and Achievements

Awards

1. Best Student Award - By Kongunadu College of Arts and Science, 1994
2. University Rank Holder in B. Sc., Chemistry, Bharathiar University, 1994
3. University Rank Holder in M. Sc., Chemistry, Government Arts College, An Autonomous Institution Affiliated to Bharathiar University, 1996
4. Best Overall Sports Coordinator, Intra-Mural Sports, Avinashilingam Institute for Home Science & Higher Education for Women, Coimbatore, 9/04/2024
5. Best Overall Sports Coordinator, Intra-Mural Sports, Avinashilingam Institute for Home Science & Higher Education for Women, Coimbatore, 22/04/2025

Achievements

1. The new compound 4-((2-((2-aminophenyl)disulfanyl)phenyl)(phenyl)carbonoimidoyl)-3-methyl-1-phenyl-1H-pyrazol-5-ol is synthesized and its Crystal structure is determined and Deposited in Cambridge Crystallographic Data Center (CCDC), Cambridge University on **06/08/2011**. The Deposition Number **CCDC - 838283.**

2. The new compound 2,2'-disulfanediyldianiline is synthesized and its Crystal structure is determined and Deposited in Cambridge Crystallographic Data Center (CCDC), Cambridge University on **06/08/2011**. The Deposition Number **CCDC - 838284.**

3. The new Complex compound Chloro(tris(triphenylphosphine))copper is synthesized and its Crystal structure is determined and Deposited in Cambridge Crystallographic Data Center (CCDC), Cambridge University on **08/08/2011**. The Deposition Number **CCDC - 838674.**

4. The new compound 4-((2-hydroxyphenyl)(phenyl)carbonoimidoyl)-3-methyl-1-phenyl-1H-pyrazol-5-ol is synthesized and its Crystal structure is determined and Deposited in Cambridge Crystallographic Data Center (CCDC), Cambridge University on **05/03/2012**. The Deposition Number **CCDC - 870257.**

5. The new Complex compound Oxo(diphosphino)bis(triphenylphosphino)ruthenium is synthesized and its Crystal structure is determined and Deposited in Cambridge Crystallographic Data Center (CCDC), Cambridge University on **23/04/2012**. The Deposition Number **CCDC - 892627.**

6. The new Complex compound Carbonyl-trichloro-bis(triphenylphosphine)-ruthenium is synthesized and its Crystal structure is determined and Deposited in Cambridge Crystallographic Data Center (CCDC), Cambridge University on **18/07/2012**. The Deposition Number **CCDC - 892627.**

7. The new compound 4-{[(4-hydroxy-3-methoxyphenyl)methylidene]amino}-1,5-dimethyl-2-phenyl-1,2-dihydro-3H-pyrazol-3-one is synthesized and its Crystal structure is determined and Deposited in Cambridge Crystallographic Data Center (CCDC), Cambridge University on **28/02/2019**. The Deposition Number **CCDC - 1900253.**

8. The new compound 4-{[(2-hydroxyphenyl)methylidene]amino}-1,5-dimethyl-2-phenyl-1,2-dihydro-3H-pyrazol-3-one is synthesized and its Crystal structure is determined and Deposited in Cambridge Crystallographic Data Center (CCDC), Cambridge University on **20/03/2019**. The Deposition Number **CCDC - 1904665.**

9. The new compound 4-{[(2-hydroxy-3-methoxyphenyl)methylidene]amino}-1,5-dimethyl-2-phenyl-1,2-dihydro-3H-pyrazol-3-one is synthesized and its Crystal structure is determined and Deposited in Cambridge Crystallographic Data Center (CCDC), Cambridge University on **20/03/2019**. The Deposition Number **CCDC - 1904666.**

10. The new compound 4-{[(2-hydroxynaphthalen-1-yl)methylidene]amino}-1,5-dimethyl-2-phenyl-1,2-dihydro-3H-pyrazol-3-one is synthesized and its Crystal structure is determined and Deposited in Cambridge Crystallographic Data Center (CCDC), Cambridge University on **13/12/2023** . The Deposition Number **CCDC - 2314188**

Memberships

1. Member of Academic Council of Avinashilingam Institute for Home Science & Higher Education for Women.

2. Member of Board of Studies, Department of Chemistry, Avinashilingam Institute for Home Science & Higher Education for Women

3. Reviewer for the Journal of Applied Organometallic Chemistry (Wiley)
4. Reviewer for the Journal of Phosphorous, Sulfur, and Silicon (Taylor & Francis)

Academic and other responsibilities

Paper Presented (7)

1. Synthesis and characterization of Ruthenium(III) complexes containing monobasic bidentate Schiff bases and their biological activities, Indian Council of Chemists Conference, Kuvempu University, Shimoga, Karnataka, 27-29, Nov, 2000

2. Synthesis, spectral and anti bacterial activity of copper II tri phenyl phosphine complex of amino phenol imine Schiff base, Recent trends in coordination and organometallic chemistry, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, 18.07.2008

3. Synthesis and X-ray crystal studies of Schiff base ligands, Recent Developments in Green Chemistry, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, 22-23.07.2009

4. Synthesis of Copper complexes of Benzoyl pyrazoline with ortho amino phenol and ortho amino thio phenol – an introduction to potentiometric studies, Recent Developments in Green Chemistry, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, 22-23.07.2009

5. Synthesis, Characterization, DNA binding and Antitumor Analysis of Cu(ll) complex of the Schiff base : (Z)-4-(((2- hydroxyl phenyl)imino)(methyl)methylene)-3-methyl-1-phenyl-1H-pyrazol-5-ol and its Nano particles, BioNano' 14, Department of Nanotechnology, Sri Ramakrishna Engineering College, Coimbatore, 21-23, August 2014

6. Yoga- Way to Worthy Life, International Congress on Renaissance in Sports, National College, Trichy, 10-11,Feb 2017

7. X-Ray Crystal Structural Studies of Monochloro Tris(Triphenyl Phosphine) Copper(I) Complex, Recent Innovations in Science and Technology(RIST 2018), Avinashilingam Institute for Home Science & Higher Education for Women, Coimbatore, 23. 08. 2018.

Faculty Development Programme (8)

1. Orientation course, Academic Staff College, Bharathiar University, Coimbatore, 10.09.2007 – 07.10.2007 (28 days)
2. Refresher Course (Chemistry), Academic Staff College, Bharathiar University, Coimbatore, 20.01.2010 – 9.02.2010 (21 days)
3. Refresher Course (Chemistry), Academic Staff College, Bharathiar University, Coimbatore, 06.11.2014 –26.11.2014 (21 days)
4. Training programme in Environmental Studies, Department of Botany and Zoology, Avinashilingam University, Coimbatore, 27.04.2015 - 01.05.2015 (5 days).
5. Orientation course in NSS, Empanelled Training Centre, National Service Scheme, Avinashilingam University Campus, Coimbatore, 12.02.2016 - 18.02.2016 (7 days).
6. International Webinar on Yoga and Celebration of Virtual International Yoga Day, Sri Ramakrishna Mission Vidyalaya, Maruthi College of Physical Education, Coimbatore, 17.06.2020 - 21. 06. 2020 (5 days)
7. UGC Stride Sponsored 5 day online Training Programme on Environmental Sustainability and Research Ethics, Avinashilingam Institute for Home Science and Higher Education for Women, Department of Education, Coimbatore, 21, 25, 27.01.2021-29.01.2021(5 days)
8. Six Day Residential Short Term Programme on " Research Pathways, Research Writing, Funding and Collaboration in Physical Sciences" Organized by UGC-NCERT- Malviya Mission Teacher Training Centre, Regional Institute of Education, Mysuru. 8.12.2025 - 13.12.2025 (6 days)/

Seminar/ Conferences Organized (6)

1. Recent Trends in Chemistry(National), Sponsored by Indian Academy of Sciences, Department of Chemistry, Avinashilingam University, 26. 03. 2007 – 27.03. 2007
2. Research in Chemistry Visualising Newer Concepts (International), Department of Chemistry, Avinashilingam University, 12. 12. 2007
3. Conducting Innovative Corrosion Control Research, Sponsored by DST- CURIE, Department of Chemistry, Avinashilingam University, 27.01. 2014 - 31.01.2014
4. National Conference on Medicinal Plant Research and Translational Trends(MPRTT 2017), Avinashilngam Institute for Home Sciuence & Higher Education for Women, 18.12.2017- 19.12.2017

5. National Seminar on Recent Innovations in Science and Technology(RIST 2018), Avinashilngam Institute for Home Sciuence & Higher Education for Women, 23.08.2018
6. Industry - Institute Connect 2019, UGC, and DST-CURIE sponsored one day workshop, Department of Chemistry, Avinashilngam Institute for Home Sciuence & Higher Education for Women, 04.09.2019

Seminar/ Conferences Attended

1. Current Developments in Chemistry (National),Department of Chemistry Bharathiar University, Coimbatore, 18.01.07 & 19.01.2007.
2. Recent Trends in Chemistry(National), Indian Academy of Sciences & Department of Chemistry, Avinashilingam University, 26.03.2007 – 27.03.2007
3. Research in Chemistry Visualising Newer Concepts, (International), Department of Chemistry, Avinashilingam University, 12. 12. 2007
4. Workshop on current developments in chemistry (CDC-2008), (National), Government Arts College, Coimbatore, 7.02.2008 & 8.02.2008
5. Biosciences research in the era of globalization (International - Indo-Korean), Department of Biochemistry, Avinashilingam University, 14.10.2008
6. National Seminar on Advances in chemistry, Sponsored by INSA-NASI, P.S.G.R Krishnammal College for women, 07.10.2010 – 08.10. 2010
7. Sensitization of UGC norms for promotion & recruitment of university teachers, Avinashilingam University for Women, Coimbatore, 30.11.2010
8. National Seminar on Entrepreneurial stimulation for youth, Sponsored by UGC, Department of life long learning and extension, Avinashilingam University, 29.03.2011 – 30.03.2011
9. Workshop on Innovations and applications of chemistry, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, 21. 09. 2011
10. Workshop on Spectroscopy, Sponsor ; DST-PURSE, School of Chemical Sciences, Bharathiar University, Coimbatore, 7. 03. 2012
11. Microscale Experiments in Chemistry, Sponsor : DST-CURIE, Department of Chemistry, Avinashilingam University, 06. 09. 2012
12. Industry Institute Connect Workshop" Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, 27th September 2012
13. Exploring the potential of multiple-choice questions in assessment,UGC sponsored Seminar, Department of Education, Avinashilingam University for Women, 09. 01.2013
14. Portfolio assessment and rubrics in evaluation, UGC sponsored Seminar, Department of Education, Avinashilingam University for Women, 10. 01.2013

15. Generation and Validation of MCQs, Sponsor : UGC Sponsored Workshop, Avinashilingam University, 1. 07. 2013- 3. 07. 2013

16. Conducting Innovative Corrosion Control Research, DST- CURIE Sponsored Seminar, Department of Chemistry, Avinashilngam Institute for Home Science & Higher Education for Women , 27. 01. 2014 - 31. 01. 2014

17. Intellectual Property Rights IPR - 2014, DST- CURIE Sponsored Seminar, Avinashilngam Institute for Home Science & Higher Education for Women , 15. 03. 2014

18. Lecture workshop in Chemistry, Dept. of Chemistry, Avinashilingam Institute for Home Science & Higher Education for Women, Sponsored by Academia of Science, 24/03/17 – 25/03/17

19. Intellectual Property Rights and Patenting, Sponsored by DST-CURIE, Avinashilingam Institute for Home Science & Higher Education for Women, 20.09.2017

20. National Conference on Medicinal Plant Research and Translational Trends(MPRTT 2017), Avinashilngam Institute for Home Science & Higher Education for Women, 18.12.2017-19.12.2017

21. National Seminar on Recent Innovations in Science and Technology(RIST 2018), Avinashilngam Institute for Home Science & Higher Education for Women, 23.02.2018

22. Virtual National Seminar on Bioinformatics and Quorum Sensing, Department of Chemistry, Avinashilngam Institute for Home Science & Higher Education for Women, 5.06.2020

23. Webinar on Design and Development of Biosensors and Their Applications, Department of Chemistry, Avinashilngam Institute for Home Science & Higher Education for Women, 15.06.2020

24. Webinar on An Overview of Fuel Cell Science and Technology, Department of Chemistry, Avinashilngam Institute for Home Science & Higher Education for Women, 16.06.2020

25. Online Webinar on Stress Management, Department of Psychology, Avinashilngam Institute for Home Science & Higher Education for Women, 23.06.2020

26. International Webinar on Basics of IR and Raman Spectroscopy, Department of Physics, Avinashilngam Institute for Home Science & Higher Education for Women, 24.06.2020

27. International Webinar on Priming Our Immune System for Vital Health, Department of Food Science Management Dietetics, Avinashilngam Institute for Home Science & Higher Education for Women, 25.06.2020

28. Webinar on Polymer – A Century of Advancement, Department of Chemistry, Chikkanna Govt. Arts College, 25.06.2020

29. Virtual Seminar on Voices of Eminence, Dept. of Chemistry, Avinashilngam Institute for Home Science & Higher Education for Women, 23.07.2020 - 24.07.2020

30. National Webinar on National Education Policy 2020 – A Paradigm Shift, IQAC, Avinashilngam Institute for Home Science & Higher Education for Women, 8.09.2020

31. Webinar on Use of Scopus Research Analytics in Research Workflow, Library, Avinashilngam Institute for Home Science & Higher Education for Women, 25.09.2020

32. National Virtual Seminar on Evaluation of OBE based Cognitive Skills in NEP, IQAC, Avinashilngam Institute for Home Science & Higher Education for Women, 3.11.2020

33. National Virtual Seminar on Building an Innovation and Entrepreneurship Ecosystem in Academia as Envisioned by NEP, IQAC, Avinashilngam Institute for Home Science & Higher Education for Women, 5.11.2020

34. National Virtual Seminar on Entrepreneurship Ecosystem and Opportunities, IQAC, Avinashilngam Institute for Home Science & Higher Education for Women, 6.11.2020

35. National Virtual Seminar on Research Proposals Preparation, IQAC, Avinashilngam Institute for Home Science & Higher Education for Women, 9.11.2020

36. National Virtual Seminar on Intellectual Property Rights and Patenting, IQAC, Avinashilngam Institute for Home Science & Higher Education for Women, 9.11.2020

37. National Virtual Seminar on Holistic Health and National Education Policy, IQAC, Avinashilngam Institute for Home Science & Higher Education for Women, 10.11.2020

38. National Virtual Seminar on Prerequisites and Prospects of Physical Education in NEP, IQAC, Avinashilngam Institute for Home Science & Higher Education for Women, 10.11.2020

39. Virtual Seminar on National Education Policy 2020 – Structural and Curricular Reforms in Higher Education, IQAC, Avinashilngam Institute for Home Science & Higher Education for Women, 11.11.2020

40. University Distinguished Lecture titled “Design and Development of Homogeneous/ Heterogeneous Catalysts for Sustainable Chemical Industry”, SRM University - Andhra Pradesh held on 17th April 2021

41. Virtual Conference on " Innovations in Learning", CII Education Conference, Confederation of Indian Industry, 29-30 June 2021.

Publications

Book Chapters (2)

Journal Publications (25)

Conference Proceedings (2)

Journal Publications

1. Synthesis and Characterization of Ruthenium(III) complexes containing monobasic bidentate Schiff bases and their biological activities, Synthesis and reactivity in inorganic and metal organic Chemistry, 2002. https://www.tandfonline.com/doi/full/10.1081/SIM-120003211

2. Potentiometric determination of Copper(II)ion using Copper triphenyl complex of N-(1-phenyl-3-methyl- 4-benzoyl-5- hydroxy pyrazolin)2-amino phenol Schiff base, Journal of Ultra Chemistry, 2009. http://www.journalofchemistry.org/paper/695/

3. Potentiometric determination of Nickel(II)ion using Copper triphenyl complex of N-(1-phenyl-3-methyl- 4-benzoyl-5-hydroxy pyrazolin)2-amino phenol Schiff base, Journal of Ultra Chemistry, 2009, http://www.journalofchemistry.org/paper/698/

4. Crystal Structure and Characterization of Novel SchiffBase:(Z)-4-(((2-hydroxyPhenyl) amino)(phenyl)methylene)-3-methyl-1-phenyl-1H-pyrazol-5(4H)-one, Molecular Crystals & Liquid Crystals, 2012. https://www.tandfonline.com/doi/full/10.1080/15421406.2012.703033

5. DNA binding and Cytotoxicity of newly Synthesized Schiffbase (Z)-4-(((2-hydroxy Phenyl) amino)(phenyl)methylene)-3- methyl-1-phenyl-1H-pyrazol-5(4H)-one and its analogues, International Journal of applied Biology and a pharmaceutical technology, 2012. https://www.fortunejournals.com/ijabpt/pdf/4050-M.Gowri.pdf

6. Studies on Spectroscopic and crystal structure of Dichloro Carbonyl Dipyridine Triphenyl arsine Ruthenium(II) Complex, Journal of Structural Chemistry, 2015, https://link.springer.com/article/10.1134/S0022476615080223

7. Novel Heterocyclic Schiff base, (Z)-4-((2-((2-Aminophenyl) disulfanyl)phenylimino) (phenyl)Methyl)- Methyl-1-Phenyl- 1H-Pyrazol-5-ol Crystals for Enzymatic Studies, Molecular Crystals & Liquid Crystals, 2015, https://www.tandfonline.com/doi/full/10.1080/15421406.2014.905092

8. Crystal Structure of Carbonuyl Trichloro bis(Triphenyl Phosphine) Ruthenium(III) Complex, Journal of Structural Chemistry, 2015. https://link.springer.com/article/10.1134/S0022476615060281

9. Carbonyl-trichloro-bis(triphenylphosphine)-ruthenium, CSD Communications, 2016, DOI: https://doi.org/10.5517/ccyyvf4

10. 4-{[(2-hydroxy-3-methoxyphenyl)methylidene]amino}-1,5-dimethyl-2-phenyl-1,2-dihydro-3H-pyrazol-3-one, CSD Communications, 2019, DOI: https://doi.org/10.5517/ccdc.csd.cc21xyvs

11. 4-{[(2-hydroxyphenyl)methylidene]amino}-1,5-dimethyl-2-phenyl-1,2-dihydro-3H-pyrazol-3-one, CSD Communications, 2019, DOI: https://doi.org/10.5517/ccdc.csd.cc21xytr

12. 4-{[(4-hydroxy-3-methoxyphenyl)methylidene]amino}-1,5-dimethyl-2-phenyl-1,2-dihydro-3H-pyrazol-3-one, CSD Communications, 2019, DOI: https://doi.org/10.5517/ccdc.csd.cc21schq

13. 2,2'-disulfanediyldianiline, CSD Communications, 2019, DOI: https://doi.org/10.5517/ccdc.csd.ccx49fr

14. 4-((2-((2-aminophenyl)disulfanyl)phenyl)(phenyl)carbonoimidoyl)-3-methyl-1-phenyl-1H-pyrazol-5-ol, CSD Communications, 2019, DOI: https://doi.org/10.5517/ccdc.csd.ccx49dq

15. Chloro(tris(triphenylphosphine))copper, CSD Communications, 2019, DOI: https://doi.org/10.5517/ccdc.csd.ccx4hbv

16. 4-((2-hydroxyphenyl)(phenyl)carbonoimidoyl)-3-methyl-1-phenyl-1H-pyrazol-5-ol, CSD Communications, 2019, DOI: https://doi.org/10.5517/ccdc.csd.ccy6kth

17. Oxo(diphosphino)bis(triphenylphosphino)ruthenium, CSD Communications, 2019, DOI: https://doi.org/10.5517/ccdc.csd.ccygry2

18. Designing a new vanillin Schiff base (Z)-4-((2-hydroxy-3-methoxy benzylidene) amino)-1,5- dimethyl-2-phenyl-1,2-dihydro-3*H*-pyrazol-3-one: Synthesis, Characterization, Crystal structure and Biological studies, Indian Journal of Chemistry, August 2021, Sec B, 60B, 1110-1116. http://nopr.niscair.res.in/handle/123456789/58188

19. Synthesis, Characterization, DFT study and Molecular Docking of (Z)-4-((2-hydroxy -3-methoxy benzylidene)amino)-1,5- dimethyl-2-phenyl-1,2-dihydro-3H-pyrazol-3-one and its Metal Complexes, Accepted for publication, Journal of Molecular Structure, Feb 2022. https://doi.org/10.1016/j.molstruc.2021.131674

20. Evaluation of Anticancer Activity of Schiff Bases Derived from Pyridine and their Metal Complexes – A Review, Oriental Journal of Chemistry, Vol. 38, Issue 3, P. No. 517-536, June 2022, DOI : http://dx.doi.org/10.13005/ojc/380302

21. Evaluation of Antioxidant and Anticancer Activity of Amino Acid Derived Schiff Bases and their Metal Complexes–A Review, RP Ancy, G Thilaga, G Sanguni, M Gowri, Indian Journal of Biochemistry and Biophysics (IJBB) 60 (6), 2023, 437- 447. https://doi.org/10.56042/ijbb.v60i6.2671

22. Evaluation of drug likeliness of (Z)-4-((4-hydroxy-3-methoxy benzylidene)amino)-1,5-dimethyl-2-phenyl-1,2-dihydro-3H-pyrazol-3-one by computational analysis against coronavirus and T-cells of immune system, M Gowri, S Athimoolam, Indian Journal of Chemistry (IJC) 62 (6), 2023, 559-567.
DOI: https://doi.org/10.56042/ijc.v62i6.2511

23. 4-{[(2-hydroxynaphthalen-1-yl)methylidene]amino}-1,5-dimethyl-2-phenyl-1,2-dihydro -3H-pyrazol-3-one, CSD Communications, 2024, CCDC 2314188: Experimental Crystal Structure Determination. DOI: https://doi.org/10.5517/ccdc.csd.cc2hp37k

24. Antioxidant Activity of Isatin-Schiff Base Scaffold: A Review, Asian Journal of Pharmaceutical Research. 15(3): July –September, 2025, 287-294. DOI: https://doi.org/10.52711/2231-5691.2025.00045

25. Evaluation of the Antitubercular Potential of Isoniazid : A Hydrazide Derivative, Russian Journal of Bioorganic Chemistry, Jan 2026, 52, 06, 1-15. https://link.springer.com/article/10.1134/S1068162025602174

Conference Publications (2)

26. X-Ray Crystal Structural Studies of Monochloro Tris(Triphenyl Phosphine) Copper(I) Complex, UGC-DST Curie sponsored National Seminar on Recent Innovations in Science And Technology (RIST – 2018), Dept. of Chemistry, Avinashilingam Institute for Home Science & Higher Education for Women.

27. Yoga- Way to Worthy Life, International Congress on Renaissance in Sports, National College, Trichy, 2017.

Book Chapters (2)

28. Developing New Schiff Base Complexes with Pyridine Moiety as Anticancer Agents, R Induleka, M Gowri, BP International, Novel Aspects on Chemistry and Biochemistry,Vol. 4, 2023, 130-171. https://doi.org/10.9734/bpi/nacb/v4/10651F

29. Evaluation of DNA Binding and Cytotoxicity of Newly Synthesised Schiff Base (Z)-4-(((2-hydroxy phenyl)amino)(phenyl)methylene)-3-methyl-1-phenyl-1H-pyrazol-5(4H)-one and Its Analogues, Chemistry and Biochemistry: Research Progress Vol. 7, 2025, Chapter1,1-18. DOI: https://doi.org/10.9734/bpi/cbrp/v7/5786