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Dr. S. Arulmurugan working as an Assistant Professor in the Department of Chemistry at SRMIST, Ramapuram. He Graduated in Chemistry at Bharathidasan University, Tiruchirappalli, Tamil Nadu, India. He secured Master of Chemistry at Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.He has completed his Ph.D. in organic chemistry at SRM University, Chennai, India. He is in teaching profession for more than 10 years. He has presented number of papers in National and International Journals, Conference and Symposiums.

Areas of Research:

Organic Chemistry, Medicinal Chemistry, Computational Chemistry and Nano Chemistry

Selected Publications:

Web of Science/SCI

1. S Arulmurugan and Helen P Kavitha, Review on the Synthetic Methods of Biologically Potent Benzoxazole Derivatives, Mini Reviews in Organic Chemistry, 18, pp:1-17, 2021.
2. S Arulmurugan, H P Kavitha, J P Vennila, In Silico Screening of Potential Inhibitors of the Epidermal Growth Factor Receptor Kinase using Benzimidazole, Benzoxazole, Imidazole, and Tetrazole Derivatives, Journal of Pharmaceutical Research International 33 (50B), 2021, 60-71.
3. S. Arulmurugan and Helen P Kavitha, Synthesis, Characterization, Antimicrobial Activity and Molecular Docking Studies of New Benzimidazole, Benzoxazole, Imidazole and Tetrazole Derivatives, Oriental Journal of Chemistry 36 (4), 2020, 1-7.
4. Arulmozhi R, Abirami N, Helen P Kavitha, Arulmurugan S, Anodyne activities of New Tetrazole derivatives from Triazine, Int. J. Res. Pharm. Sci., 11 (3), 2020, 3377-3383.
5. Arthi P, Arulmurugan, Kavipriya R, Jasmine P. Vennila, Helen P. Kavitha, DFT Calculations and in silico studies on the Schiff Base derivatives with antibacterial activities, Asian Journal of Pharmaceutical and Clinical Research 12 (5), 2019, 321-8.
6. R Arulmozhi, N Abirami, HP Kavitha, S Arulmurugan, Synthesis, characterization and anticancer activity of some new Tetrazoles derived from Quinazolin-4-one, Journal of Pharmaceutical Sciences and Research 11 (5), 2019, 1974-1978.
7. R. Arulmozhi, Helen P. Kavitha, S. Arulmurugan, Molecular Docking Studies of Tetrazole Derivatives on Cox-2 Protein Residue, International Journal of Pharma and Bio Sciences 6, 2019, 522-529.
8. S Sathishkumar, Helen P Kavitha, S Arulmurugan, In-silico anti-inflammatory evaluation of some novel tetrazolo and triazolodiazepine derivatives against COX-2

protien, International Journal of Advanced Chemical Science and Applications (IJACSA), 24-30.
9. S. Arulmurugan and Helen P Kavitha, S. Sathishkumar and R. Arulmozhi, Review on biologically active benzimidazole, Mini reviews in organic chemistry, 12, 2015, pp:178-195.
10. S. Arulmurugan and Helen P. Kavitha, Synthesis, characterization and cytotoxic activity of benzoxazole, benzimidazole, imidazole and tetrazole, Actapharmaceutica, 63, 2013, pp-253-264.
11. S. Arulmurugan, Helen P. Kavitha and S. SathishKumar, Synthesis, characterization and molecular docking studies of some new benzoxazole, benzimidazole, imidazole and tetrazole compounds as potential inhibitors for thymidylate synthase, International Journal of Science and Technology, 1, 2012, pp-1-11.
12. S. Arulmurugan, Helen P. Kavitha and B. R. Venkatraman, Biological Activities of Schiff Base and its Complexes": A Review, Rasayan Journal of Chemistry, 3(3), 2010, pp 385-410.
13. Subramaniyan Arulmurugan and Helen P. Kavitha, 2-Methyl-3-{4-[-(1H-tetrazol-5-yl)ethylamino]phenyl}-3H-quinazolin-4-one", Molbank, M695, 2010, pp-1-5.
14. S. Sathish Kumar, Helen P. Kavitha, S. Arulmurugan and B. R. Venkatraman, Review on Synthesis of Biologically Active Diazepam Derivatives, Mini-Reviews in Organic Chemistry, 8, 2011, pp-1-11.
15. Subramaniyan Arulmurugan, Helen P. Kavitha, B. R. Venkatraman, Synthesis, Characterization and Study of antibacterial activity of some novel tetrazole derivatives", Orbital Elec. J. Chem, 2(3), 2010, pp-271-276.

Google Scholar:

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