

DAFTAR PUSTAKA

- Antonioletti, R., Viglianti, A., Massi, F., Sappino, C., & Ricelli, A. (2018). *Role of some styryl-heterocycles in the control of ochratoxin A biosynthesis*, **50** (C), 231–237.
- Ashok, M., Shivarama, B., & Suchetha, N. (2007). *Convenient one pot synthesis of some novel derivatives of thiazolo [2 , 3 - b] dihydropyrimidinone possessing 4-methylthiophenyl moiety and evaluation of their antibacterial and antifungal activities*, **42**, 380–385. <https://doi.org/10.1016/j.ejmech.2006.09.003>
- Bhatewara, A., Jetti, S. R., Kadre, T., Paliwal, P., & Jain, S. (2013). *Microwave-Assisted Synthesis and Biological Evaluation of Dihydropyrimidinone Derivatives as Anti-Inflammatory, Antibacterial, and Antifungal Agents*, 2013, 5–10.
- Caruso, F., Mendoza, L., Castro, P., Cotoras, M., Aguirre, M., Matsuhiro, B., Antonioletti, R. (2011). *Antifungal activity of resveratrol against botrytis cinerea is improved using 2-furyl derivatives*. *PLoS ONE*, **6** (10). <https://doi.org/10.1371/journal.pone.0025421>
- Casale, M. T., Richman, A. R., Elrod, M. J., Garland, R. M., Beaver, M. R., & Tolbert, M. A. (2007). *Kinetics of acid-catalyzed aldol condensation reactions of aliphatic aldehydes*. *Atmospheric Environment*, **41** (29), 6212–6224. <https://doi.org/10.1016/j.atmosenv.2007.04.002>
- da Costa, E. P., Coelho, S. E., de Oliveira, A. H., Araújo, R. M., Cavalcanti, L. N., Domingos, J. B., & Menezes, F. G. (2018). *Multicomponent synthesis of substituted 3-styryl-1H-quinoxalin-2-ones in an aqueous medium*. *Tetrahedron Letters*. <https://doi.org/10.1016/j.tetlet.2018.09.048>
- Fatima, S., Sharma, A., Saxena, R., Tripathi, R., Shukla, S. K., Pandey, S. K., Tripathi, R. P. (2012). *One pot efficient diversity oriented synthesis of polyfunctional styryl thiazolopyrimidines and their bio-evaluation as antimalarial and anti-HIV agents*. *European Journal of Medicinal Chemistry*, **55**, 195–204. <https://doi.org/10.1016/j.ejmech.2012.07.018>
- Giacomini, E., Rupiani, S., Guidotti, L., Recanatini, M., & Roberti, M. (2016). *The Use of Stilbene Scaffold in Medicinal Chemistry and Multi- Target Drug Design*. *Current Medicinal Chemistry*, **23**. <https://doi.org/10.2174/0929867323666160517121629>
- Kravchenko, M. A., Verbitskiy, E. V., Medvinskiy, I. D., Rusinov, G. L., & Charushin, V. N. (2014). *Synthesis and antituberculosis activity of novel 5-styryl-4-(hetero)aryl- pyrimidines via combination of the Pd-catalyzed Suzuki cross-coupling and SNHreactions*. *Bioorganic and Medicinal Chemistry Letters*, **24** (14), 3118–3120. <https://doi.org/10.1016/j.bmcl.2014.05.006>

- Lal, J., Gupta, S. K., & Agarwal, D. D. (2012). *Chitosan: An efficient biodegradable and recyclable green catalyst for one-pot synthesis of 3,4-dihydropyrimidinones of curcumin in aqueous media.* *Catalysis Communications*, **27**, 38–43. <https://doi.org/10.1016/j.catcom.2012.06.017>
- Lal, J., Gupta, S. K., Thavaselvam, D., & Agarwal, D. D. (2012). *Bioorganic & Medicinal Chemistry Letters Design, synthesis, synergistic antimicrobial activity and cytotoxicity of 4-aryl substituted 3,4-dihydropyrimidinones of curcumin.* *Bioorganic & Medicinal Chemistry Letters*, **22** (8), 2872–2876. <https://doi.org/10.1016/j.bmcl.2012.02.056>
- Lee, S. K., Park, E. J., Lee, E., Min, H. Y., Kim, E. Y., Lee, T., & Kim, S. (2004). *Styrylheterocycles as a novel class inhibitor of cyclooxygenase-2-mediated prostaglandin E2 production.* *Bioorganic and Medicinal Chemistry Letters*, **14** (9), 2105–2108. <https://doi.org/10.1016/j.bmcl.2004.02.038>
- Nielsen, Arnold T., & Houlihan, William J., 2011, *The Aldol Condensation*, John Wiley and Sons, Inc. <https://doi.org/10.1002/0471264180.or016.01>
- Ouellete, Robert J., & Rawn, J. David, 2015, *Principles of Organic Chemistry 1th Edition*, Elsevier Inc. <https://doi.org/10.1016/C2014-0-02430-6>
- Pavia, D.L., Lampman, G.M., Kriz, G.S., Vyvyan, J.R., 2009, *Introduction to Spectroscopy, Fourth Edition*, Brooks/Cole, Cengage Learning, Belmont-California, USA.
- Rastogi, S. K., Zhao, Z., Barrett, S. L., Shelton, S. D., Zafferani, M., Anderson, H. E., Brittain, W. J. (2018). *Photoresponsive azo-combretastatin A-4 analogues.* *European Journal of Medicinal Chemistry*, **143**, 1–7. <https://doi.org/10.1016/j.ejmech.2017.11.012>
- Rau, H. H., & Werner, N. S. (2018). *Stereocontrolled synthesis of (E)-stilbene derivatives by palladium-catalyzed Suzuki-Miyaura cross-coupling reaction.* *Bioorganic and Medicinal Chemistry Letters*, **28** (16), 2693–2696. <https://doi.org/10.1016/j.bmcl.2018.04.004>
- Silverstein, R. M, Webster, F. X., Kiemle, D. J., Bryce, D. L., 2005, *Spectrometric Identification of Organic Compounds, 7th edition*, John Wiley and Sons Inc., New York.
- Sunagar, V., Dixit, S. R., Chougala, B. M., Samundeeswari, S., Holiyachi, M., Shaikh, F., Kulkarni, R. (2017). *3,4-Dihydropyrimidinone-coumarin analogues as a new class of selective agent against S. aureus: Synthesis, biological evaluation and molecular modelling study.* *Bioorganic and Medicinal Chemistry*, **25** (4), 1413–1422. <https://doi.org/10.1016/j.bmc.2017.01.001>
- Solomons, G., Fryhle, C., Snyder, S., 2014, *Organic Chemistry 11th Edition*, John Wiley & Sons, Inc., United States, hal 111-115.
- Suwito, H., 2015, *Sintesis Senyawa Turunan Calkon sebagai Sebagai Senyawa*

Antimalaria, Antikanker, dan Antimikroba. Desertasi, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gajah Mada, Yogyakarta.

Vasconcelos, A. De, Oliveira, P. S., Ritter, M., Freitag, A., Romano, L., Quina, F. H., Francieli, M. (2012). *Antioxidant Capacity and Environmentally Friendly Synthesis of Dihydropyrimidin- (2H)-ones Promoted by Naturally Occurring Organic Acids*, **26** (4).

Wang, G., Li, X., Gou, Y., Chen, Y., Yan, C., & Lu, Y. (2013). *Spectrochimica Acta Part A : Molecular and Biomolecular Spectroscopy DNA binding properties and biological evaluation of dihydropyrimidinones derivatives as potential antitumor agents.* *SPECTROCHIMICA ACTA PART A: MOLECULAR AND BIOMOLECULAR SPECTROSCOPY*, **114**, 214–219. <https://doi.org/10.1016/j.saa.2013.05.078>

Zhang, L., Zhang, Z., Liu, Q., Liu, T., & Zhang, G. (2014). *Iron-catalyzed vinylogous aldol condensation of biginelli products and its application toward pyrido[4,3-d]pyrimidinones.* *Journal of Organic Chemistry*. <https://doi.org/10.1021/jo402773r>

Zulianto, L., 2017, *Kajian Aktivitas Katalitik Asam Lewis Pada M^{n+} (Fe^{3+} , Cu^{2+} , Mn^{2+} , Al^{3+} , Ni^{2+} , Zn^{2+} , Cr^{3+})/Silikat-1 untuk Sintesis Senyawa Turunan DHPM (Dihidropirimidon) Menggunakan Reaksi Biginelli*, Tesis, Fakultas Sains dan Teknologi, Universitas Airlangga, Surabaya.