

DAFTAR PUSTAKA

- Akiyama, H., Fujii, K., Yamasaki, O., Oono, T., and Iwatsuki, T., 2001, Antibacterial Action of Several Tannins Againsts *Staphylococcus aureus*, *J. Antimicrob. Chemother.*, 48, 487-499.
- Albogami, A.S., Karama, U., Mousa, A.A., Khan, M., Al-Mazroa, S.A., and Alkhatlan, H.Z., 2012, Simple and Efficient One Step Synthesis of Functionalized Flavanones and Chalcones, *Orient. J. Chem.*, 28, 2, 619-626.
- Bedoukian, P.Z., 1951, *Perfumery Synthesis and Isolates*, D. Van Nostrand Company Inc., New York.
- Chen, D., Sanjay, K.S., and Ackmez, M., 2012, *Handbook on Applications of Ultrasound: Sonochemistry for Sustainability*, CRC Press, New York.
- Fessenden, R.J., and Fessenden, J.S., 1982, *Organic Chemistry*, Mass: W. Grant Press, Boston.
- Gupta, N., Gupta, R., and Jain, A., 2010, Improved Synthesis of Chalcones and Pyrazolines under Ultrasonic Irradiation, *Ind. J. Chem.*, 49B, 351-355.
- Ilango, K., Valentina, P., and Saluja, G., 2010, Synthesis and *In-vitro* Anticancer Activity of Some Substitued Chalcone Derivatives, *Res. J. Pharm. Biol. Chem.*, 1, 354-359.
- Jarag, K.J., Pinjari, D.V., Pandit, A.B., and Shankarling, G.S., 2011, Synthesis of Chalcone (3-(4-fluorophenyl)-1-(4-methoxyphenyl)-prop-2-en-1-one) : Advantage of Sonochemical Methods over Conventional Method, *Ultrasound. Sonochem.*, 18, 617-623.
- Kidwai, M., and Mohan, R., 2005, Green Chemistry: An Innovative Technology, *Found. Chem.*, 7, 269-287.
- Kim, Y.H., Kim, J., Park, H., and Kim, H.P., 2007. Anti-inflammatory Activity of the Synthetic Chalcone Derivatives: Inhibition of Inducible Nitric Oxide Synthase-Catalyzed Nitric Oxide Production from Lipopolysaccharide-treated Raw 264.7 Cells, *Biol. Pharm. Bull.*, 30, 1450-1455.
- Motta, L.F., Gaudio, A.C., and Takahata, Y., 2006, Quantitative Structure-activity Relationships of a Series of Chalcone Derivatives (1,3-diphenyl-2-propen-1-one) as Anti-*Plasmodium falciparum* Agents (Antimalaria Agents), *J. Mol. Des.*, 5, 555-569.
- Pambudi, W., 2013, Efektivitas Sintesis Hidroksikalkon menggunakan Katalis NaOH dan NaOH+ZrO₂ Montmorilonit melalui Metode Konvensional,

Microwaves Assissted Organic Synthesis (MAOS) dan Sonokimia, *Tesis*, FMIPA UGM, Yogyakarta.

- Prasadara, K., and Mohan, S., 2012, Synthesis, Characterization and Antimicrobial Activity of Some Chalcones, *Int. J. Pharm. Tech.*, 4,1,4060-4066.
- Prindle, R.F., 1983, *Phenolic Compounds, Disinfection, Sterilization and Preservation*, Lea and Febiger, Philadelphia.
- Qureshi, Z.S., Krishna, M.D., and Bhalchandra, M.B., 2010, *Synthetic Methodologies Using Sonication Techniques*, Filip M. Nowak, *Sonochemistry: Theory, Reactions, Syntheses, and Applications*, Nova Science Publisher Inc., New York.
- Rastuti, U., Jumina, dan Matsjeh, S., 2009, Sintesis 6-Nitro Veratraldehid (3,4-Dimetoksi-6-Nitro Benzaldehid) dari Vanilin dengan HNO_3 dan Campuran $\text{HNO}_3\text{-H}_2\text{SO}_4$, *Molekul*, 4, 2, 62-72.
- Salle, A.J., 1954, *Fundamental Principles of Bacteriology*, Mc. Graw Hill Book Company Inc., New York.
- Sarkar, B.K., Patel, R., and Bhadoriya, U., 2011, Antimicrobial Activity of Some Novel Pyrazoline Derivatives, *J. Adv. Pharm. Edu. Res.*, 1, 5, 243-250.
- Sindhvani, G., Ilyas, U.K., and Aeri, V., 2012, Microbial Transformation of Eugenol to Vanillin, *J. Microbiol. Biotech. Res.*, 2, 2, 313-318.
- Suma, A.A.T., 2014, Sintesis dan Uji Antibakteri Senyawa N-fenilpirazolina dari 6-Nitroveratraldehida dan Asetofenon, *Skripsi*, FMIPA UGM, Yogyakarta.
- Susanti, E., dan Redjeki, T., 2011, Optimasi Sintesis Kalkon dari Veratraldehida dan 2,4-dihidroksiasetofenon, *Prosiding Seminar Nasional Kimia dan Pendidikan Kimia III*, FIK UNS, Surakarta.
- Triyanto, A., 2013, Sintesis Pirazolina dari Vanilin dan Uji Aktivitasnya sebagai Antibakteri, *Skripsi*, FMIPA UGM, Yogyakarta.
- Vaidya, K.K., 2006, Synthesis of Various Chalcones, *Thesis*, V.N. South Gujarat University, Surat.