

DAFTAR PUSTAKA

- Ahmad, S.P., Siwayanan and Aziz, M., 2007, Beyond Biodiesel: Methyl Ester as theroute for production of surfactants feedstock, *J. biodiesel Vol : 1*, Hal : 216-220.
- Angga, S. C., 2016, *Sintesis 2',6'-dihidroksi-3,4-dimetoksikhalkon dan 5-hidroksi-3',4'-dimetoksiflavan serta uji aktivitasnya sebagai antibakteri*, Skripsi, Departemen Kimia FMIPA UGM, Yogyakarta.
- Alcaraz L. E., Blanco, S. E., Puig, O. N., Tomas, F., and Ferretti, F. H., 2000, Antibacterial activity of flavonoids againts methicillin resistant *staphylococcus aureus* strains. *J. thor biol*, Page: 231-240.
- Bhagaskara, F. S., 2016. *Sintesis dan uji antioksidan senyawa asam 5'-karboksi-2'hidroksi-3,4,-dimethosikhalkon dari asam 4-hidroksibenzoat dan anisaldehyd*. Skripsi, Departemen Kimia FMIPA UGM, Yogyakarta.
- Brahmana, E. M., 2015, Sintesis dan uji antibakteri senyawa (E)-1-(2-klorofenil)-3-p-tolilprop-2en-1-on. *J. edu-research*, Vol : 4 No.2.
- Bruice, P. Y., 2007, *Organic Chemistry, Fifth edition*, Mc Graw – Hill, New York.
- Balouiri, M., 2016, Methods for in vitro evaluating antibacterial activity: a review. *J.PHAM, Vol. 50*.
- Carey, A. F., 2008, *Organic Chemistry : seventh edition*, Mc Graw - Hill, New york.
- Chopra, R.N., 2006, *Chopra's Indigenous drugs of india*, Bimal kumar dhur of academic publisher, Kolkata.
- Cooper, G.M., and Hausman, R.E., 2007, *The Cell: A Molecular Approach. 4th ed.* Sinauer Associates, Inc. Sunderland.
- Cushnie T. P. T. and Lamb A. J., 2005, Antimicrobial Activity of Flavonoids, *J. Antimicrob Agent Ch, Vol : 26*, Hal : 343–356
- Dixon, R. A., Dey, P. M., and Lamb, C. J., 1983, Phytoalexins : enzymology and molecular biologi, *Adv. Enzymol. Mol. Biol.*, Hal. : 55
- Heim K. E., Tagliaferro A. R., and Bobilya D. J., 2002, Flavonoid Antioxidants: Chemistry, Metabolism And Structure-Activity Relationships, *J. Nutritial Biochemistry, Vol: 13*, Hal. : 572-548.

- Honeyman, A.L., Friedman, H., and Bendinelli, M., 2001, *Staphylococcus aureus Infection and Disease*, Plenum Publishers, New York.
- Jawetz, E., Melnick, J. L., dan Adelberg, E. A., 1996, *Mikrobiologi Kedokteran*, Edisi ke-20, EGC Medical Book, Jakarta.
- Katzung, B.G., 2006, *Basic & Clinical Pharmacology*. 10th ed, McGraw-Hill Companies, New York.
- Komiyama, M., Sugiura, I., and Hirai, H., 1984. Selective synthesis of 4-hydroxybenzoic acid using immobilized cyclodextrin, *J. inclusion phenomena*, Page : 823-827
- Kumar, S., and Pandey, A.K., 2013, Chemistry and biological activities of flavonoids: an overview, *The Scientific World Journal*.
- Khanum, S.A., Shashikanth, S., and Sudha, B.S., A, Facile, 1991, Synthesis and Antimicrobial of 3-(2-Aroylaryloxy)methyl-5-Mercapto-4-Phenyl-4H-1,2,4-Triazole and 2-(2-Aroylaryloxy)methyl-5-N-Phenyl-amino 1,3,4-Thiazole Analogue, *J. Science Asia*, 29, Page : 383-392.
- Levine, M. M., Nalin, D. R., Hoover, D. L., Berquist, E. J., and Richard, 1978, *Escherichia coli that cause diarrhea but do not produce heat-labile or heat stable enterotoxins and are non invasive*, The lancet, Maryland.
- Madigan, M. T., Martinko, J. M., Dunlap, P. V., Clark, D. P., (2009). *Brock Biology of Microorganisms Twelfth Edition*, Pearson Benjamin Cummings, New York.
- Mardjan, M. I. D., 2012, Synthesis of flavone 6-carboxylic acid derivative from salicylic acid derivative, *indo j. chem -12 (1)*. Hal. : 70-76.
- Mardjan, M. I. D., 2010, *Sintesis Flavanon 6-karboksilat dari turunan asam salisilat*, Skripsi, Departemen Kimia FMIPA UGM, Yogyakarta.
- Markham, K.R., 1998. *Cara mengidentifikasi flavonoid*, Penerbit ITB, Bandung.
- Matsjeh, S., 2013, *Kimia hasil alam senyawa metabolit sekunder tumbuhan: flavonoid, terpenoid, alkaloid*, Gre Publishing, Yogyakarta
- Middelton, E., 2000, The Effects of Plant Flavonoids on Mammalian Cells: Implications for Inflammation, Heart Disease, and Cancer. *Pharmacological review Vol. 52, No. 4*.

- Mohanty, S and Cock, I.E., 2010, Bioactivity of *Syzygium jambos* methanolic extracts: Antibacterial activity and toxicity, *Journal Pharmacognosy Research*. Vol. 2 (1), Hal. : 4-9.
- Muzdhalifah, 2009, *Reaksi esterifikasi asam p-salisilat dengan katalis asam*. skripsi, Departemen Kimia FMIPA UI. Depok
- Nowakowska, Z., 2007, A review of anti infective and anti-inflamantory chalcones, *J. ejmech* Vol. 42.
- Nurhasanah, 2014, Antimicrobial Activity Of Nutmeg (*Myristica fragrans* Hoult) Fruit Methanol Extract Againts Growth *Staphylococcus aureus* and *Escherichia coli*, *Jurnal bioedukasi* Vol. 3 No.1.
- Pudjatmaka, A. H., 1992, *Kimia Organik Edisi 3 Jilid 2* (Diterjemahkan dari Fessenden, R.J. and Fessenden, J.S, 1981, Organic Chemistry, W. Grant Press, Chicago.), Erlangga, Jakarta.
- Puspaningtyas, A. R., 2011, Sintesis dan Uji Antibakteri Senyawa Turunan Khalkon pada Strain Bakteri *Bacillus Subtilis* dan *Escherichia Coli*. *J.K.G Unej*. Vol. 8 No. 3, Hal : 155 – 162.
- Prasad, Y. R., 2008, Synthesis and Antimicrobial Activity of Some Chalcone Derivatives. *E-J. Chem*, Vol. 5, No.3, Page. 461-466.
- Pelczar, M.J., and Reid, R. D., 2007, *Microbiology*, McGraw Hill Book Co. New York.
- Qi-Meng, R., and Jia-You, Z., 2004, *Fries rearrangement : A new practical synthesis of 4,4'-duhydroxybenzophenin*, Wuhai University, Hubei.
- Ratnawati, D., 2006, Sintesis turunan benzofenon melalui reaksi penataan ulang Fries dari *para*-tersier-butilfenol, *J. Gradien*. Vol. 3 No. 1.
- Rishantoro, K., 1999, Sintesis flavanon dari benzaldehida dan *orto*-hidroksi asetofenon, Skripsi, Departemen Kimia FMIPA UGM, Yogyakarta.
- Robinson, T., Dkk., 2003. Design, Synthesis and Biological Evaluation Of Aromatic Enones, Related to Curcumin, *Bioorg. Med. Chem*. Vol.13, Hal. 115-117.
- Sastrohamidjojo, H., 1996. *Sintesis Bahan Alam. Cetakan Pertama*, Universitas Gadjah. Mada Press, Yogyakarta.
- Soemarno, 2000, *Isolasi dan Identifikasi Bakteri Klinik*, Akademi analisis kesehatan Yogyakarta, Yogyakarta.

- Stout, T. R., dan Davis, W. W., 1971. Disc Plate Method of Microbiological Antibiotic Assay, *Appl Microbiol. Vol. 4 Hal. 659–665*
- Susilowati, 2006. *Mempelajari reaksi penataan ulang fries pada senyawa ester turunan asam 4 -hidroksibenzoat*. Skripsi, Kimia FMIPA UGM, Yogyakarta.
- Sulistyo, 1971, *Farmakologi dan Terapi*. EKG, Yogyakarta
- Sugiyono, (2008). Karakterisasi Protease Bakteri Termofil Mata Air Laut Panas Poso Sulawesi Tengah. *J. Lit. Perikanan. Vol. 2 (II). Hal. : 157-158*
- Wang C. C., Chang S. C., Inbaraj B. S., dan Chen B. H., 2009, Isolation Of Carotenoids, Flavonoids And Polysaccharides From Lycium Barbarum L. And Evaluation Of Antioxidant Activity, *J. Food Chem., Vol : 120, Hal : 184-192*
- Wijaningsih. 2008. Pengaruh Volume dan Kosentrasi Pelarut pada Isolasi Trimiristin dari Limbah Buah Pala. *J. Tekno. Proses. Vol. 5 (1) Hal. :64-67.*
- Wijayanti, Agustina Dwi dan Tato, Syarifuddin., 2013. Pengaruh antioksidan flavonoid terhadap kadar protein microsomal hati tikus yang diinduksi dengan karbontetraklorida. *J. Sain. Vet. Vol. 21 No. 2.*