

DAFTAR PUSTAKA

- Boonstra, A.M., Reneman, M.F., Stewart, R.E., Post, M.W., and Pruper, H.R.S., 2013. Life satisfaction in patients with chronic musculoskeletal pain and its predictors. *Qual Life Res.*, Vol. 22, pp. 93–101.
- Bruice, and Yurkanis, Paula., 2010. *Essential Organic Chemistry*. California: Pearson education inc.
- Budiati, T., Stephanie, D.A., and Widjajakusuma, E.C., 2012. Rapid solvent-free microwave assisted synthesis of some N'-benzylidene salicylic acid hydrazides. *Indo. J. Chem.*, Vol. 12, No. 2, pp.163-66.
- Clayden, Jonathan., Greevs, Nick., Warren, stuart., and Wothers, Peter., 2008. *Organic Chemistry*. London:Oxford University Press, pp. 135-43.
- Dipiro, J.T., Talbert, R.L., Yee, G.C., Matzke, G.R., Wells, B.G., and Posey, L.M., 2008. *Pharmacotherapy a Phatophysiologic Approach*. Seventh Edition, New York: Mc-Graw Hill Companies, Inc., p 989.
- Fessenden, R.J., dan Fessenden, J.S., 1992. *Kimia Organik*. Edisi ketiga, Jakarta:Penerbit Erlangga, hal. 7-21.
- Field, L.D., Sternhell, S., and Kalman, J.R. 2008. *Organic Structure from Spectra*. 4th edition. West Sussex:John Willey & Sons Ltd. Pp 75-77.
- Fitzgerald, D.J., Stratford, M., Gasson, M.J., Ueckert, J., Bos, A., and Narbad, A., 2004. Mode of antimicrobial action of vanillin against Escherichia coli, Lactobacillus plantarum and Listeria innocua. *Journal of Applied Microbiology.*, Vol. 97, pp. 104–13.

- Furniss, B.S., Hannaford, A.J., Smith, Peter.W.G., and Tatchell, A.R., 1989. *Vogel's Textbook Of Practical Organic Chemistry*. London:Longman Group, pp 135-52.
- Gandjar, I.G., dan Rohman, Abdul., 2007. *Kimia Farmasi Analisis*. Yogyakarta:Pustaka Pelajar, hal. 240.
- Gilman, Alfred.G., Hardman, J.G., and Limbird, L.E., 2001. *Goodman & Gilman's The Pharmacological Basic Of Therapeutics*. 10th edition. USA: Mc-Graw Hill Companies, Inc., pp 696-702.
- Gunawan, S.G., Nafrialdi, R.S., dan Elysabeth, 2007. *Farmakologi dan Terapi*. Edisi ke 5, Jakarta:balai Penerbit FKUI, hal. 210-45.
- Lidstrom, P., Tierney, J., Wathey, B., and Westman, J., 2001. Microwave assisted organic shynthesis – a review. *Tetrahedron.*, vol 51 pp 9225-83.
- Mc Murry, John., 2008. *Organic Chemistry*. Australia: Thompson Learning.Inc., pp. 408-52, 695-750.
- Nakamura, M., Nishikawa, Y., Ushida, T., and Toyama, Y., 2011. Prevalence and characteristics of chronic musculoskeletal pain in Japan. *J Orthop Sci.*, Vol. 16, pp. 424-432.
- Neal, M.J., 2005. *At a Glance Farmakologi Medis*. Edisi Kelima. Jakarta:Penerbit Erlangga, hal 70-71.
- Pattan, S.R., Rabara, P.A, Pattan, J.S, Bukitagar, A.A., Wakale, V.S., and Musmade, D.S., 2009. Synthesis and evaluation of some novel substituted 1,3,4-oxadiazole and pyrazole derivatives for antitubercular activity. *Indian Journal of Chemistry.*, Vol. 48B, pp. 1453-6.
- Pavia, L.D., Lampman, G.M., Kriz, G.S., and vyvyan, J.R., 2009. *Introduction to Spectroscopy*. 4th edition. Canada:Nelson Education Ltd. Pp 15-84, 138-142, 332-333.

- Raul, S.J., More, A.H., and Mahajan, S.S., 2011. Eco-friendly synthesis of N-benzylidene-4-chlorobenzenesulfonamides, their biological activities and QSAR studies. *International Journal of Research in Pharmacy and Chemistry.*, Vol 1 No 4 pp 979-91.
- Rollas, S., and Küçükgül, S.G., 2007. Biological activities of hydrazone derivatives. *Molecules.*, Vol 12 pp 1910-39
- Rouessac, F., 2007. *Chemical Analysis*. England:John Wiley & Son Ltd.
- Salgın-Gökşen, U., Gökhan-Kelekçi, N., Göktaş, Ö., Köysal, Y., Kılıç, E., Işık, Ş., Aktay, G., Özalp, M., 2007. 1-Acylthiosemicarbazides, 1,2,4-triazole-5(4H)-thiones, 1,3,4-thiadiazoles and hydrazones containing 5-methyl-2-benzoxazolinones: Synthesis, analgesic-anti-inflammatory and antimicrobial activities. *Bioorg. Med. Chem.*, Vol 15 pp 5738-5751.
- Silverstein, R.M., Webster, F.X., and Kiemle, D.J., 2005. *Spectrometric Identification Of Organic Compounds*. 7th edition. New York:John Wiley & Sons,Inc.
- Singh, A., Vyavahare, L.V., Mishra, D., and Narsibh, B.D.K., 2012. Synthesis, characterization and antimicrobial activity of novel heterocyclic compounds. *J. Curr. Chem. Pharm.*, Vol 2 No 4 pp 233-39.
- Siswandono, dan Soekardjo, B., 2000. *Kimia Medisinal*. Edisi 2. Surabaya:Pusat Penerbitan dan Percetakan Unair, hal 9-10.
- Smith, B. Michael dan Jerry, March., 2007. *March's Advanced Organic Chemistry: Reactions, Mechanisms, and Structure*. 6th Edition. New Jersey: John Wiley and Sons, Inc.
- Tjay, T. H., dan Rahardja, K., 2002. *Obat – Obat Penting*. Edisi Kelima. Jakarta:Penerbit Elex Media Komputindo, hal. 702–3.

- Touchstone, C.J., Dobbins, M.F., 1983. *Practice of Thin Layer Chromatography*. 2nd edition. New York : John Willey & Sons Inc.
- Wang, Q., Pan, Y., Wang, J., Luo, H., and Zheng, J., 2011. Synthesis and biological activities of substituted N'-benzoylhydrazone derivatives. *African Journal of Biotechnology*., Vol. 10 No 78 pp. 18013-21.
- Wardakhan, W.W., El-Sayed, N.N.E., and Mohareb, R.M., 2013. Synthesis and anti-tumor evaluation of novel hydrazide and hydrazide-hydrazone derivatives. *Acta Pharm.*, Vol 63, pp. 45-57.
- Watson, David.G., 2005. *Analisis Farmasi*. Diterjemahkan oleh Syarif, Winni.R. Jakarta:Penerbit Buku Kedokteran EGC, hal. 106-9.
- Yang, M., Jin, C., Zhou, X., and Jin, L., 2013. 2-Hydroxy-N'-methyl-5-nitrobenzo-hydrazide. *Acta Cryst.*, Vol 69 No 1305, pp 1-7.