

DAFTAR PUSTAKA

- Achmad, S.A. 1989. *Analisis Metabolit Sekunder*. Yogyakarta : UGM Press
- Afriastini,J.J. 1990. *Bertanam Kencur*. Jakarta: Wakarta Penebar Swadaya
- Alonso, H., Bliznyuk, A.A., Gredy, J.E. 2006. Combining docking and molecular dynamic simulation in drug design. Wiley Interscience. *Doi: 10.1002/med.20067*
- Backer, C.A.R.C.B, Van deen Briak. 1968. *Flora of Java vol.2*. Walters Noordhoff.N.V. Groningen. P.33
- Barus, R.2009. Amidasi Etil P-Metoksi Sinamat yang Diisolasi dari kencur(Kaempferia galanga L.).*Tesis*. Medan : Universitas Sumatera Utara.
- Beeh K.M. 2003. *Tiotropium a Long Acting inhaled anticholinergic for the treatment of COPD*. Jerman: Pneumologie
- Buels, K.S., Fryer, A.D. 2012. *Muscarinic Receptor Antagonists : Effects on Pulmonary Function*. USA : Oregon Health and Science University.
- B. Liu, F. Liu, C. Chen and H. Gao. 2010. Supercritical carbon dioxide extraction of ethyl p-methoxycinnamate from Kaempferia galanga L. rhizome and its apoptotic induction in human HepG2 cells. *Nat. Prod. Res.*, 24, 1927– 1932
- Cronquist, A. 1981. *An Integrated System of Classification of Flowering Plants*. New York: Colombia University Press
- Fajeriyati, Noor. 2017. Uji Aktivitas Antibakteri Ekstrak Etanol Rimpang Kencur(Kaempferia Galanga L.) Pada Bakteri Bacillus Subtilis Dan Escherichia Colli. *Skripsi*. Banjarmasin: Fakultas Farmasi Universitas Muhammadiyah Banjarmasin
- Gandjar,I dan A. Rohman. 2007. *Kimia farmasi analisis*. Yogyakarta: Fakultas Farmasi, Universitas Gadjah Mada.
- Harmita. 2006. *Analisis Fisiko Kimia*. Jakarta: FMIPA UI.
- H. Hart, L.E. Craine, D.J. Hart, and T.K. Vinod 13th ed. 2012. *Organic Chemistry: A Short Course*.Boston :Houghton-Mifflin
- Herbert, R. 2009. Minyak Atsiri Rimpang Kencur Karakterisasi Simplisia, Isolasi dan Analisis Komponen Minyak Atsiri secara GC-MS. *Skripsi*. Fakultas Farmasi. Universitas Sumatera Utara. Medan
- Inayatullah. M. S. 1997. Standarisasi Rimpang Kencur dengan Parameter Etil Para Metoksi Sinamat. *Skripsi*. Surabaya : Fakultas Farmasi Universitas Surabaya
- Jani. 1993. Uji Aktifitas Tabir Matahari Seenyawa Para Metoksi Transinamat dari Rimpang Kencur(Kaempferia Galanga L.). *Skripsi*. Surabaya : Fakultas Farmasi Universitas Surabaya
- Jankovic, S. M., Milankovic, D.R., & Jankovic S.V. 1999. Schild's equation and the best estimate of pA₂ value and dissociation constant of an antagonist. *Croat Med J*. 40(1).67-70

- Katzung, B.G., Masters, S.B., Trevor, A.J. 2012. *Basic and Clinical Pharmacology 12th Edition.* Mc Graw Hill Company, Inc. USA.
- Kellenberger, et al. 2004. *Comparative Evaluation of Eight Docking Tools for Docking and Virtual Screening accuracy.* Proteins
- Kementrian Kesehatan Republik Indonesia. 2009. *Farmakoterapi Herbal Indonesia Edisi 1.* Jakarta: Kemenkes RI
- Krane, D.E. dan Raymer, Michel L. 2003. *Fundamental concept of bioinformatics.* London: Pearson Education
- Lakshmanan, J. Werngren, L. Jose, K.P. Suja and S. Mangalam Nair, R.L. Varma, S. Mundayoor, S. Honer and A. Kumar. 2011. Ethyl p- methoxycinnamate isolated from a traditional anti-tuberculosis medicinal herb inhibits drug resistant strains of *Mycobacterium tuberculosis* in vitro. *Fitoterapia*, 82, 757–761
- Lullman, H., Mohr, K., Zielger, A, dan Bieger, D. 2000. *Color Atlas of Pharmacology, 2nd edition.* Thieme New York.
- M.A. Sukari, N.W. Mohd Sharif, A.L.C. Yap, S.W. Tang, B.K. Neoh, M. Rahmani, G.C.L. Ee, Y.H. Taufq-Yap and U.K. Yusof. 2008. Chemical constituents variations of essential oils from rhizome of four Zingiberaceae species. *Te Malaysian J. Analytical Sci.*, 12, 638–644
- Mursito, B. 2003. *Ramuan Tradisional untuk Pelangsing Tubuh.* Jakarta : Swadaya
- Nugroho, P.A., Sukamdi, D.P., Darma, A.P., Jenie, R.I., dan Meiyanto, E. 2010. Penelusuran Mekanisme Flavanoid Kulit Jeruk Keprok(*Citrus reticulata*) sebagai Agen Kemopreventif melalui Docking Molekuler pada Protein Target CYP1A2. *Laporan Penelitian.* Yogyakarta: UGM
- Nurmeilis, Azrifitria, Fitriani. N. 2016. Pengujian Senyawa Etul p-metoksi sinamat Hasil Isolasi Rimpang Kencur (*Kaempferia galanga L.*) dan Derivat Amidasinya Sebagai Obat Penenang (Sedatif-Hipnotik). *Disertasi.* Universitas Islam Negeri Syarif Hidayatullah Jakarta, Jakarta.
- Otman, R., Ibrahim, H., Mustafa, A.M., Awang, K., Gilani, A.H., Mustafa, M.R. 2006. Bioassay-guided isolation of a vasorelaxant active compound from *Kaempferia Galanga L.* *Planta Med.* 68,652-655
- Prabawati, Charina A., 2015. Evaluasi Daya Penetrasi Etil P-Metoksisinamat Hasil Isolasi Dari Rimpang Kencur(*Kaempferia Galanga L.*) Pada Sediaan Salpe, Krim, Dan Gel. *Skripsi.* Jakarta: Fakultas Kedokteran dan Ilmu Kesehatan Program Studi Farmasi
- Sadono, Hasmono D. 2000. Ketersediaan Hayati/Profil Farmakokinetika Kristal APMS(Isolat Bahan Aktif Serbuk Rimpang Kencur) pada Hewan Coba Kelinci. *Laporan Penelitian.* Surabaya:Lemlit Universitas Airlangga
- Sisangtragul W, Sripanidkulchai B. 2011. Effects of *Kaempferia galanga L.* and ethyl-p methoxycinnamate (EPMS) on hepatic microsomal cytochrome

- P450s enzyme activities in mice. *Songklanakarin J Sci Technol* ; 33: 411-417.
- S. Sahoo, R. Parida, S. Singh, R.N. Padhy and S. Nayak. 2014. Evaluation of yield, quality and antioxidant activity of essential oil of in vitro propagated Kaempferia galanga Linn. *J. Acute Disease*, 1, 124–130.
- Soeprapto, R. 1986. *Undang-Undang Pokok Agraria Dalam Praktek*. Jakarta: CV. Mitra Sari
- T.K. Hong, S.I. Kim, J.W. Heo, J.K. Lee, D.R. Choi and Y.J. Ahn. 2011. Toxicity of Kaempferia galanga rhizome constituents of Meloidogyne incognita juveniles and egg. *Nematology*, 13, 235–244
- Umar MI, Asmawi MZB, Sadikun A, Altaf R, Iqbal MA. Phytochemistry and medicinal properties of Kaempferia galanga L. (Zingiberaceae) extracts. *Afr J Pharm Pharmacol*; 5: 1638-1647. (2011)
- Umar.M , Asmawi. M, Sadikun A, A.M. Majid, F.S. Al-Suede, L.E.Hassan,
- R. Altf and M.B. Ahamed, Ethyl-p-methoxycinnamate isolated from Kaempferia galanga inhibits inflammation by suppressing interleukin-1, tumor necrosis factor- α and angiogenesis by blocking endothelial functions. *PubMed Commons below Clinics (Sao Paulo)*, 69, 134–144 (2014).
- Ward C.W., Lawrence M.C. 2009. Ligand-induced activation of the insulin receptor: a multi step process involving structural changes in both the ligand and receptors. *Bioassay*
- Wessler L., Kilbinger H., Bittinger F., Kirkpatrick C.J. 2001. *The Biological Role Of Non-Neuronal Asetylcoline In Plants And Humans*. US Nation Library of Medicine National Institute of Health