

## DAFTAR PUSTAKA

- Anonymous. *Wealth of India, A dictionary of Indian Raw Materials and Industrial Products – Raw Materials Series*, Publication and Information Directorate, pp. 314-315 (Vol. V). CSIR, New Delhi. (1959)
- B. Liu, F. Liu, C. Chen and H. Gao, *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 (2010).
- B. Stuart, *Modern Infrared Spectroscopy*. Wiley, New York, (1996).
- Barus, R. *Amidasi Etil P-metoksisinamat Yang Diisolasi Dari Kencur (Kaempferia galangal, Linn)*. (2009).
- Berridge, Michael J. *Inositol triphosphate and calcium signalling mechanisms*. *Biochimica et Biophysica Acta (BBA)-Molecular Cell Research* 1793.6. (2009)
- Bursulaya B, Totrov M, Abagyan R, Brooks C. *Comparative Study Of Several Algorithms For Flexible Ligand Docking*. *Journal of Computer-Aided Molecular Design*. Nov ; Vol.17:775-763. (2003)
- Day, R.A., Underwood A.L. *Analisis Kimia Kuantitatif Edisi Kelimia*, Jakarta: Erlangga. (2002)
- Fajeriwati N, Andika. Uji Aktivitas Anti Bakteri Ekstrak Etanol Rimpang Kencur (*Kaempferia galangal L*) Pada Bakteri *Bacillus subtilis* dan *Eschericia Coli*. *Journal of Current Pharmaceutical Sciences*. Nov ; Vol. 1 No.1. ISSN : 2598-2095. (2017)
- Farmakoterapi herbal Indonesia. Edisi I. (2009).
- Gandjar,I dan A. Rohman., *Kimia farmasi analisis*, Yogyakarta: Fakultas Farmasi, Universitas Gadjah Mada. Hlm 240-262,463-474. (2007).
- Gholib, D. *Daya Hambat Ekstrak Kencur Terhadap Trichophyton Mentagrophytes dan Cryptococcus neoformans Jamur Penyebab Penyakit Kurap Pada Kulit dan Penyakit Paru*. *Bul. Littro. Col.* 20 no. 1, 59-67. (2009).
- Harmita. *Analisis Fisiko Kimia*, Jakarta: FMIPA UI. (2006).
- Hart, H, Craine, L.E, Hart, D.J, and Vinod, T.K. *Organic Chemistry: A Short Course, 13<sup>th</sup> ed*. Houghton-Mifflin, Boston, (2012)
- Herbert, R. *Minyak atsiri Rimpang Kencur Karakterisasi Simplisia, Isolasi dan Analisis Komponen Minyak atsiri secara GC-MS*. Skripsi. Fakultas Farmasi. Universitas Sumatera Utara. Medan. (2009).
- Janković, S. M., Milovanović, D. R., & Janković, S. V., *Schild's Equation and the Best Estimate Of Pa2 Value and Dissociation Constant of an Antagonist, Croat Med J, Vol 40, No 1. (1999)*.
- Kasim, Fauzi, M.kes, Apt. *Informasi Spesialite Obat*. Jakarta: PT ISFI Penerbitan Jakarta. (2010).
- Katzung, B.G., Masters, S.B., Trevor A.J., *Basic & Clinical Pharmacology 12<sup>th</sup> edition*. Mc Graw Hill. 275-278 (2012)

- Katzung, B.G., Trevor, A.J., Hall-Kruidering, M. *Katzung & Trevor's Pharmacology Examination and Board Review, 11<sup>th</sup> edition*. Mc Graw Hill. 143-144.(2011)
- Kenakin, T. P. *The Schild regressiora in the process of receptor classification. Can. J. Physiol. Pharanacol.* 60: 249-265. (1982)
- Lakshmanan, J. Werngren, L. Jose, K.P. Suja and S. Mangalam Nair, R.L. Varma, S. Mundayoor, S. Hoffner and A. Kumar, *Ethyl p-methoxycinnamate isolated from a traditional anti-tuberculosis medicinal herb inhibits drug resistant strains of Mycobacterium tuberculosis in vitro*. *Fitoterapia*, **82**, 757–761 (2011).
- Lullman, H., Mohr, K., Zielger, A, dan Bieger, D., *Color Atlasmof Pharmacology, 2<sup>nd</sup> edition*. Thieme New York. (2000).
- 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, *Chemical constituents variations of essential oils from rhizome of four Zingiberaceae species*. *Te Malaysian J. Analytical Sci.*, **12**, 638–644 (2008).
- Neubig, R.R. *International Union of Pharmacology Committee on receptor Nomenclature and Drug Classification*. XXXVIII. Update on Terms and Symbols in Quantitative Pharmacology. *Pharmacological Reviews*, 55(4), 596-606. doi:10.1124/pr.55.4.4. (2003)
- Nurmeilis, Azrifitria, Fitriani. N. *Pengujian Senyawa Etul p-metoksi sinamat Hasil Isolasi Rimpang Kencur (Kaempferia galangal L) dan Derivat Amidasinya Sebagai Obat Penenang (Sedatif-Hipnotik)*. Disertasi. Universitas Islam Negeri Syarif Hidayatullah Jakarta, Jakarta. (2016)
- Oregon State University. *GC-MS How does it work?* Enviromental Health Sciences Center Corvallis OR 97331. [http://www.unsolvedmysteries.oregonstate.edu/MS\\_05](http://www.unsolvedmysteries.oregonstate.edu/MS_05)
- Parneswaran, Sandhya. *Quantitation estimation of Piperin, 18-beta Glycyrrhetic acid and 6-gingerol from Suryacid tablet formulation by HPLTC method*. *Int. J. Res. Pharm. Sci* 4(3), 453-459. (2013)
- Peter, K.V. *Handbook of Herbs and Spices*. Volume 3. Woodhead pulishing limited. 352 – 353. (2006)
- Putra, N. P. *Uji Aktivitas Antagonisme Piperin (Piper nigrum L.) Pada Reseptor  $\beta_2$ -Adrenergik Organ Aorta Marmut Terisolasi : Studi invitro dan in silico*. Skripsi. Universitas Muhammadiyah Yogyakarta. Yogyakarta. (2018)
- Rohman, A. *Analysis of Food Ingredients for Practice Approach*. Yogyakarta: Pustaka Pelajar. (2011).
- S. Sahoo, R. Parida, S. Singh, R.N. Padhy and S. Nayak, *Evaluation of yield, quality and antioxidant activity of essential oil of in vitro propagated Kaempferia galangal Linn*. *J. Acute Disease*, **1**, 124–130 (2014).
- Sanders, K.M. *Invited Review: Mechanisms of calcium handling in smooth muscle*. *J. Appl. Physiol* 91: 1438-1449. (2001).
- Sisangtragul W, Sripanidkulchai B. *Effects of Kaempferia galangal L. and ethyl-p methoxycinnamate (EPMS) on hepatic microsomal cytochrome*

- P450s enzyme activities in mice. Songklanakarin J Sci Technol ; 33: 411-417. (2011)*
- Skoog, D.A, Holler, F.J, Crouch, S.R. *Principle of instrumental Analysis. 6<sup>th</sup> edition.* Brooks/Cole Cengage Learning. Chapters 11, 20, 26, 27 (2007).
- T.K. Hong, S.I. Kim, J.W. Heo, J.K. Lee, D.R. Choi and Y.J. Ahn, *Toxicity of Kaempferia galanga rhizome constituents of Meloidogyne incognita juveniles and egg. Nematology, 13, 235–244 (2011).*
- Umar MI, Asmawi MZB, Sadikun A, Altaf R, Iqbal MA. *Phytochemistry and medicinal properties of Kaempferia galangal 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- $\alpha$  and angiogenesis by blocking endothelial functions.* See comment in PubMed Commons below Clinics (Sao Paulo), **69**, 134–144 (2014).