

DAFTAR PUSTAKA

- Achmad, Sjamsul Arifin.(1986). *KimiaOrganik Bahan Alam*. Departemen pendidikan dan kebudayaan universitas terbuka.
- Arung, E.T., Shimizu, K., dan Kondo, R.(2007). "Structure-activity relationship of prenyl-substituted polyphenols from *Artocarpus heterophyllus* as inhibitors of melanin biosynthesis in cultured melanoma cells". *Chem Biodivers*.4:2166-2171.
- Boonlaksiri, C., Oonanant, W., Kongsaree, P., Kittakoop, P., Tanticharoen, M., dan Thebtaranonth, Y.(2000). "An antimalarial stilbene from *Artocarpus integer*". *Phytochemistry*.54:415-417.
- Ersam, T., Achmad, S.A., Ghisalberti, E.L., Hakim, E.H., Makmur, L. dan Syah, Y.M.(2002). "A New Isoprenylated Chalcone, Artoindonesianin J, from the root bark of *Artocarpus bracteata*". *J Chem. Res.* 4:186-187.
- Fessenden, R.J., dan Fessenden, J.S.(1981). *Organik Chemistry*. Diterjemahkan oleh A.H Pudjatmaka.1992. *Kimia Organik Edisi 3 Jilid 2*. Jakarta: Erlangga.
- Garbisa, S., Biggin, S., Cavallarin, N., Sartor, L., Benelli, R., dan Albini, A.(1999) "Tumor Invasion: Molecular Shears Blunted by Green Tea". *Nat. Med.* (5):12-16.
- Hakim, E.H., Achmad, S.A., Juliawaty, L.D., et al.(2006). Prenylated flavonoids and related compounds of the Indonesian *Artocarpus* (Moraceae). *J.Nat Med*.60:161-184.
- Hakim, E.H., Juliawaty, L.D., Syah, Y.M., dan Achmad, S.A.(2005) "Molecular Diversity of *Artocarpus Champeden* (Moraceae): A Species Endemic to Indonesia". *Molecular Diversity*.9:149-158.
- Hakim, E.H., Fahriyati, A, Kau, M.S *et al.*(1999). "Artoindonesianins A and B, two new prenylated flavones from the root of *Artocarpus champeden*". *J Nat Prod.* 62:61-615.
- Harborne, J.B.(1986). *Plant flavonoids in biology and medicine: Biochemical, pharmacological and structure activity relationships*. New York :Alan R Liss, Inc.

- Hano, Y., I. Naoyuki, H. Akio, dan T. Nomura.(1995). "Paratocarpin A-E five new isoprenoid-substitued chalcones from *Paratocarpus venenosa* Zoll". *Heterocycle*. 41(1):191-198.
- Harbone, J.B.(1987). *Metode Fitokimia 2*. Bandung: ITB.
- Havsteen, B.(1983). Flavonoids, a class of natural products of high pharmacological potency. *Biochem Pharmacol*. 32(7):1141-1148.
- Hendayana, Sumar.(1994). *Kimia Analitik Instrumen*. Semarang: IKIP Semarang Press.
- Hif, C.S., dan Howell, S.L.(1984)." Effects of epicatechin on rat islets of Langerhans". *Diabetes* 33:291-296.
- Jagtap, U.B., Panaskar, S.N., dan Bapat, V.(2010). "Evaluation of antioxidant capacity and phenol content in jackfruit (*Artocarpus heterophyllus* Lam.) fruit pulp". *Plant Foods Hum Nutr*.65:99-104.
- Musthapa, I., Latip, J., Takayama, H., Juliawaty, L.D., Hakim, E.H., and Syah, Y.M. (2009). "Prenylated flavones from *Artocarpus lanceifolius* and their cytotoxic properties". *Nat. Prod. Com.*, 4(7): 927-930.
- Nomura, T., Hano, Y., Aida, M.(1998). "Isoprenoid-Substitued flavonoids from *Artocarpus* plants (Moraceace). *Heterocycles*.47(2): 1179-1205.
- Prasain, J.K., Carlson, S.H., dan Wyss, J.M.(2010). "Flavonoids and Age-related Disease: Risk, Benefits and Critical Windows". *Maturitas*, in press.
- Selway, J.W.T.(1986). *Antiviral activity of flavones and flavans*. In: Cody V, Middleton E
- Shimizu, K., Kondo, R., Sakai, K., Lee, S.H., dan Sato, H.(1998). "The inhibitory components from *Artocarpus incisus* on melanin biosynthesis". *Planta Med*.64:408-412.
- Siti Aisyah.(2008). *Kumpulan Materi Ajar Penentuan Struktur Senyawa Organik*. Bandung: tidak diterbitkan
- Soebagio, dkk.(2005). *Kimia Analitik II*. Malang: UM Press.
- Soebagio, dkk.(2002). *Kimia Analitik II*. Malang: JICA FMIPA UNM.

- Sunarya, Y dan Setiabudi, A.(2007). *Mudah dan Aktif Belajar Kimia*. Bandung: PT Setia Purna.
- Tencate, J.W., Hoeringen, V.N.J., Gerritsen, J., dan Glasius, E.(1937).” Biological activity of a semisynthetic flavonoid O-(α -hydroxyethyl) rutosine: Light scattering and metabolic studies of human red cells and platelets”. *Clin Chem*.19:31-35.
- Trung, N.N., Mai, H.K.N., Hai, X.N., Ngan, K.N.B., dan Thanh, T.N.(2012). “Tyrosinase inhibitors from the wood of *artocarpus heterophyllus*”. *J.Nat.prod*.75:1951-1955.
- Venkataraman, K.(1972). “Wood Phenolics in the Chemotaxonomy of the Moraceace”. *Phytochemistry*.11:1571-1586.
- Wei, B.L, Weng, J.R., Chiu, P.H., Hung, C.F., Wang, J.P., dan Lin, C.N.(2005). “Antiinflammatory flavonoids from *Artocarpus heterophyllus* and *Artocarpus communis*”. *J Agric Food Chem*.53:3867-3871.
- Winarno, F.G., Fardiaz, S., Fardiaz, D.(1973). *Ekstraksi dan Kromatografi, Elektroforosis*. Bogor: Fakultas Mekanisasi dan Teknologi Pertanian.