

## DAFTAR KEPUSTAKAAN

- Alberti, K.G.M.M. and Zimmet, P.Z. 1998. Definition, Diagnosis and Classification of Diabetes Mellitus and its Complications Part 1: Diagnosis and Classification of Diabetes Mellitus Provisional Report of a WHO Consultation. *Diabetic Medicine*, 15, 539-553.
- Anusha, J. M. 2014. Evaluation of Hepatoprotective Activity of *Elaeocarpus ganitrus* Leaf Extract Against CCl<sub>4</sub> Induced Liver Damage. *Journal of Chemical And Pharmaceutical Sciences*, 7, 336-344.
- Asianplant, 2016. *Elaeocarpus mastersii* King. [http://asianplant.net/Elaeocarpaceae/Elaeocarpus\\_mastersii.htm](http://asianplant.net/Elaeocarpaceae/Elaeocarpus_mastersii.htm). diakses tanggal 04 April 2016.
- Azam, A.T.M.Z., Moni, F., Hamiduzzaman, M., Masud, M.M., and Hasan, C.M. 2013. Two cinnamoyl triterpenes and steroids from *Crotalaria incana* (Fabaceae). *Research Journal of Phytochemistry*, 7(1), 1-9.
- Bagewadi, H. G. and Khan, A. K. A. 2015. Evaluation of Anti-Parkinsonian Activity of *Elaeocarpus ganitrus* on Haloperidol Induced Parkinson's Disease in Mice. *International Journal of Basic & Clinical Pharmacology*, 4, 102-106.
- Bualee, C., Ounaronb, A., and Jeenapongsa, R. 2007. Antidiabetic and Long-Term Effects of *Elaeocarpus grandiflorus*. *Naresuan University Journal*, 15(1), 17-28.
- Carroll, A. R., Arumugan, G., Quinn, R. J., Redburn, J., Guymer, G., and Grimshaw, P. 2005. Grandisine A and B, Novel Indolizidine Alkaloids with Human  $\delta$ -Opioid Receptor Binding Affinity from The Leaves of The Australian Rainforest Tree *Elaeocarpus grandis*. *J. Org. Chem.*, 70, 1889-1892.
- Chaturvedula, V.S.P. and Prakash, I. 2012. Isolation of stigmasterol and  $\beta$ -sitosterol from the dichloromethane extract of *Rubus suavissimus*. *International Current Pharmaceutical Journal*, 1(9), 239-242.
- Chou, T.C. 2010. Drug combination studies and their synergy quantification using the chou-talalay method. *Cancer Res*, 70,440-446.
- Coode, M.J.E. 2004. *Elaeocarpaceae*. In: Kubitzki K. (eds) *Flowering Plants · Dicotyledons. The Families and Genera of Vascular Plants*, vol 6. Berlin, Heidelberg: Springer
- Corwin, E. J. 2001. *Patofisiologi*. Jakarta: EGC.
- Dachriyanus, 2004. *Analisis struktur senyawa organik secara spektroskopi*. Padang: LPTIK Universitas Andalas.
- Dadhich, A., Jasuja, N. D., Chandra, S., and Sharma, G. 2014. Antidepressant Effects of Fruit Extract of *Elaeocarpus ganitrus* in Force Swim Test. *International Journal of Pharmaceutical Sciences and Research*, 5(7), 2807-2812.
- Day, R.A. and Underwood, A.L. 2002. *Quantitative Analysis*. 6<sup>th</sup> edition. New York: Prentice-Hall.
- Do, Q.D., Angkawijaya, A.E, Tran-Nguyen P.L, Huynh, L.H., Soetaredjo, F.E., Ismadji, S., and Ju, Y. 2014. Effect of extraction solvent on total phenol

- content , total flavonoid content , and antioxidant activity of *Limnophila aromatica*. *J. Food Drug Anal.*, 22 (3), 296–302.
- Elkhateeb, A., Subeki, Takahashi, K., Matsuura, H., Yamasaki, M., Yamato, O., Maede, Y., Katakura, K., Yoshihara, T., and Nabeta, K. 2005. Anti-Babesial Ellagic Acid Rhamnosides from The Bark Of *Elaeocarpus parvifolius*. *Phytochemistry*, 66, 2577-2580.
- Efdi, M., Itoh, T., Akao, Y., Nozawa, Y., Koketsu, M., and Ishihara, H. 2007. The Isolation of secondary metabolites and in vitro potent anti-cancer activity of clerodermic acid from *Enicosanthum membranifolium*. *Bioorganic & Medicinal Chemistry*, 15, 3667-3671.
- Efdi, M., Fujita, S., Inuzuka, T., and Koketsu, M. 2010. Chemical Studies on *Goniothalamus tapis* Miq. *Natural Product Research*, 24(7), 657-662.
- Efdi, M., Ninomiya, M., Suryani, E., Tanaka, K., Ibrahim, S., Watanabe, K., and Koketsu, M. 2012. Sentulic acid: A cytotoxic ring A-*seco* triterpenoid from *Sandoricum koetjape* Merr. *Bioorganic & Medicinal Chemistry Letter*, 22, 4242-4245.
- Fang, X., Phoebe, C.H., Pezzuto, J.M., Fong, H. H. S., and Farnsworth, N. R. 1984. Plant Anticancer Agents, Xxxiv. Cucurbitacins from *Elaeocarpus dollchostylus*. *Journal of Natural Products*, 47(6), 988-993.
- Geetha, D. H., Jayashree, I., and Rajeswari, M. 2015. *In Vitro* Anti-Arthritic Activity of *Elaeocarpus serratus* Linn. (Elaeocarpaceae). *International Journal of Pharmaceutical Sciences and Research*, 6(6), 2649-2651.
- Gerothanassis, I. P., Troganis, A., Exarchou, V., and Barbarossou, K. 2002. Nuclear Magnetic Resonance (NMR) Spectroscopy: Basic Principles and Phenomena, and Their Applications to Chemistry, Biology and Medicine. *Chemistry Education: Research and Practice in Europe*, 3 (2), 229-252.
- Global Biodiversity Information Facility, 2016. *Elaeocarpus mastersii* King. <http://www.gbif.org/species/4031115>. diakses tanggal 04 April 2016.
- Handayani, D. dan Artasasta, M.A. 2017. Antibacterial and cytotoxic activities screening of symbiotic fungi extract isolated from marine sponge *Neopetrosia chaliniformis* AR-01. *Journal of applied pharmaceutical science*, 7(5), 66-69.
- Hardainiyan, S., Nandy, B. C., and Kumar, K. 2015. *Elaeocarpus ganitrus* (Rudraksha): A Reservoir Plant with Their Pharmacological Effects. *Int. J. Pharm. Sci. Rev. Res.*, 34(1), 55-64.
- Hardainiyan, S., Nandy, B.C., and Saxena, R. 2015. Phytochemical investigation of fruit extract of *Elaeocarpus ganitrus*. *Int J Pharm Pharm Sci*, 7(6), 415-418.
- Hart, N.K., Johns, S.R., and Lamberton, J.A. 1972. *Elaeocarpus* alkaloids. V. The alkaloids of *Elaeocarpus kaniensis*. *Australian J Chem.* 25, 817-862.
- Hertiani, T., Palupi, S.I., Sanliferianti, dan Nurwindasari, D.H. 2003. Uji Invitro Antimikroba Terhadap *Staphylococcus aureus*, *Eschericia coli*, *Shyggella dysentriae* dan *Candida albicans* dari Beberapa Tanaman Obat Tradisional untuk Penyakit Infeksi. *Jurnal Farmasi Indonesia Pharmacon*, 4 (2), 89-95.
- Higashi S, Abe M, Ogata S, Tobita H, and Yokota K. 1976. Traditional medicinal and poisonous plants in the Satsunana Islands. Part II. Amamioshima, Kakeromajima, Ukejima, Yoronjima, Tokunoshima, Okierabujima and Kikaijima. *Rep Fac Sci Kagoshima Univ Earth Sci Biol*, 9, 129-150.



- Huang, Y., Liu, Y., Dushenkov, S., Ho, C., and Huang, M. 2009. Anti-obesity effects of epigallocatechin-3-gallate, orange peel extract, black tea extract, caffeine and their combinations in a mouse model. *Journal of Functional Foods*, 1, 304-310.
- Ito, A., Chai, H.-B., Lee, D., Kardono, L. B. S., Riswan, S., R.Farnsworth, N., A.Cordell, G., M.Pezzuto, J., and Kinghorn, A. D. 2002. Ellagic Acid Derivatives and Cytotoxic Cucurbitacins from *Elaeocarpus mastersii*. *Phytochemistry*, 61, 171-174.
- Jayasinghe, L., Amarasinghe, N. R., Arundathie, B. G. S., Rupasinghe, G. K., Jayatilake, N. H. A. N., and Fujimoto, Y. 2012. Antioxidant Flavonol Glycosides from *Elaeocarpus serratus* and *Filicium decipiens*. *Natural Product Research*, 26(8), 717-721.
- Jayashree, I., Geetha, D., and Rajeswari, M. 2014. Evaluation of Antimicrobial Potential of *Elaeocarpus serratus* L. *International Journal of Pharmaceutical Sciences and Research*, 5(8), 3467-3472.
- Johns, S.R., Lamberton, J. A, and Sioumis, A. A. 1968. Elaeocarpidine, a New Indole Alkaloid from *Elaeocarpus archboldianars* A.C.Sm. *Chemical Communication*. 410.
- Johns, S. R., Lamberton, J. A., and Sioumis, A. A. 1969. *Elaeocarpus* Alkaloids: II. (+)-Elaeocarpiline and (-)-Isoelaecarpiline, New Indolizidine Alkaloids from *Elaeocarpus dolichostylis*. *Aust. J. Chem*, 22, 793-800.
- Johns, S. R., Lamberton, J. A., Sioumis, A. A., Soares, H., and Willing, R. I. 1970. The Structures and Absolute Configurations of Seven Alkaloids from *Elaeocarpus sphaericus*. *Chemical Communications*, 804-805.
- Jork, H., Funk, W., Fischer, W. and Wimmer, H. 1990. *Thin-Layer Chromatography Reagents and Detection Methods, Volume 1, Physical and Chemical Detection Methods*. Weinheim: VCH.
- Joshi, S., Gupta, P., Kumar, N., Rai, N., Gautam, P., and Thapliyal, A. 2012. A Comprehensive report on therapeutic potential of *Elaeocarpus ganitrus* Roxb. (Rudraskha). *Environment Conservation Journal*, 13(3), 147-150.
- Katavic, P. L., Venables, D. A., Rali, T., and Carroll, A. R. 2007a. Habbemines A and B, Pyrrolidine Alkaloids with Human  $\delta$  -Opioid Receptor Binding Affinity from The Leaves of *Elaeocarpus habbemensis*. *J. Nat. Prod.*, 70, 866-868.
- Katavic, P. L., Venables, D. A., Rali, T., and Carroll, A. R. 2007b. Indolizidine Alkaloids With  $\delta$  -Opioid Receptor Binding Affinity from The Leaves of *Elaeocarpus fuscooides*. *J. Nat. Prod.*, 70, 872-875.
- Kosela, S. 2010. Cara Mudah dan Sederhana Penentuan Struktur Molekul Berdasarkan Spektra Data (NMR, Mass, IR, UV). Jakarta: Lembaga Penerbit Fakultas Ekonomi Universitas Indonesia
- Koh, L. W., Wong, L. L., Loo, Y. Y., Kasapsis, S., and Huang, D. 2010. Evaluation of Different Teas against Starch Digestibility by Mammalian Glycosidases. *Journal of Agricultural and Food Chemistry*, 58, 148-154.
- Kumar, G., Karthik, L., and Rao, K. V. B. 2011. Antimicrobial Activity of *Elaeocarpus ganitrus* Roxb (Elaeocarpaceae): An *In Vitro* Study. *Elixir Bio. Tech.*, 40, 5384-5387.

- Kumar, T. S., Shanmugam, S., Palvannan, T., and Kumar, V. M. B. 2008. Evaluation of Antioxidant Properties of *Elaeocarpus ganitrus* Roxb. Leaves. *Iranian Journal of Pharmaceutical Research*, 7(3), 211-215.
- Kwon, O.-K., Ahn, K.-S., Park, J.-W., Jang, H.-Y., Joung, H., Lee, H.-K., and Oh, S. R. 2012. Ethanol Extract of *Elaeocarpus petiolatus* Inhibits Lipopolysaccharide-Induced Inflammation in Macrophage Cells. *Inflammation*, 35, 535-544.
- Lai, C., Li, S., Chai, C., Lo, C., Ho, C., Wang, Y., and Pan, M. 2007. Inhibitory effect of citrus 5-hydroxy-3,6,7,8,3',4'-hexamethoxyflavone on 12-O-tetradecanoylphorbol 13-acetate-induced skin inflammation and tumor promotion in mice. *Carcinogenesis*, 28 (12), 2581-2588.
- Lin, H., Chang, T., and Chang, S. 2018. A review of antioxidant and pharmacological properties of phenolic compounds in *Acacia confusa*. *Journal of Traditional and Complementary Medicine*, 8(4), 443-450.
- Linn, W.D., Wofford, M.R., O'Keefe, M.E., and Pose, L.M. 2009. *Pharmacotherapy in Primary Care*. New York: McGraw-Hill.
- Loo, P.V., Bruyn, A.D., and Buděšínský, M. 1986. Reinvestigation of the structural assignment of signals in the <sup>1</sup>H and <sup>13</sup>C NMR spectra of the flavone apigenin. *Magnetic Resonance in Chemistry*, 24, 879-882.
- Lowry, J.B., 1970, New anthocyanins from *Elaeocarpus mastersii*, *Phytochemistry*, 9, 2411.
- Madigan, M. 2005. *Brock Biology of Microorganism*. London: Prentice Hall.
- Mabry, T.J., Markham, K.R., and Thomas, M.B. 1970. *The systematic and identification of flavonoid*. Berlin, Heidelberg: Springer.
- Maloney, K.N., Fujita, M., Eggert, U.S., Schroeder, F.C., Field, C.M., Mitchison, T.J., and Clardy, J. 2008. Actin-aggregating cucurbitacins from *Physocarpus capitatus*. *J. Nat. Prod.*, 71, 1927-1929.
- Markham, K.R. 1988. *Cara mengkarakterisasi flavonoid*. Terjemahan Kosasih Padmawinata. Bandung: ITB.
- Marquez, F.Z., Markus, M.A., and Morris, B.J. 2009. Resveratrol: Cellular actions of a potent natural chemical that confers a diversity of health benefits. *The International Journal of Biochemistry & Cell Biology*, 41, 2125-2128.
- Matsui, T., Tanaka, T., Tamura, S., Toshima, A., Tamaya, K., Miyata, Y., Tanaka, K., and Matsumoto, K. 2007.  $\alpha$ -Glucosidase Inhibitory Profile of Catechins and Theaflavins. *Journal of Agricultural and Food Chemistry*, 55, 95-105.
- Meng, D., Qiang, S., Lou, L., and Zhao, W. 2008. Cytotoxic Cucurbitane-Type Triterpenoids from *Elaeocarpus hainanensis*. *Planta Med*, 74, 1741-1744.
- Miguel, M.G. 2010. Antioxidant activity of medicinal and aromatic plants. A review. *Flavour and Fragrance Journal*, 25, 292-312.
- Min, B.C., Omar-Hor, K., and Lin, O.C. 2003. *1001 Garden plants in singapore*. Singapore: National Parks Board.
- Mitchell, T.N. and Costisella, B. 2007. *NMR From Spectra to Structure, an Experimental Approach. 2<sup>nd</sup> edition*. Berlin, Heidelberg: Springer.
- Molyneux, P. 2004. The use of the stable free Radical Diphenylpicrylhydrazyl (DPPH) for Estimating Antioxidant activity. *Journal of Science and Technology*, 26(2), 211-219.



- Nain, J., Garg, K., and Dhahiya, S. 2012. Analgesic and Anti-Inflammatory Activity of *Elaeocarpus sphaericus* Leaf Extract. *International Journal of Pharmacy and Pharmaceutical Sciences*, 4, 379-381.
- Neu, H.C. and Gootz, T.D. 1996. Antimicrobial chemotherapy, dalam: S. Baron (Ed.), *Medical Microbiology* 4<sup>th</sup> ed, University of Texas Medical Branch at Galveston, Galveston (TX), Chapter 11.
- Nguyen, H. X., Le, T. C., Do, T. N. V., Le, T. H., Nguyen, N. T., and Nguyen, M. T. T. 2016. *Chemistry Central Journal*, 10, 45.
- Okselni, T., Santoni, A., Dharma, A., and Efdi, M. 2019. Biological activity of methanol extract of *Elaeocarpus mastersii* King: antioxidant, antibacterial, and  $\alpha$  glucosidase inhibitor. *Rasayan Journal of Chemistry*, 12(1), 146-151.
- Ouyang, J., Dong, L., Xu, Q., Wang, J., Liu, S., Qian, T., Yuan, Y., and Tan, J. 2018. Triterpenoids with  $\alpha$ -Glucosidase Inhibitory Activity and Cytotoxic Activity from the Leaves of *Akebia trifoliata*. *RSC Advances*, 8, 40483-40489.
- Ozyurt, D. 2007. Determination of total antioxidant capacity by a new spectrophotometric method based on Ce(IV) reducing capacity measurement. *Journal of Talanta*, 71, 1155-1165.
- Parvin, M. N., Sarwar, S., Chowdhury, S. A., Zakaria, H. M., and Huda, N. H. 2009. In-Vitro Cytotoxicity and Antioxidant Studies of *Elaeocarpus serratus*. *Stamford Journal of Pharmaceutical Sciences*, 2(2), 86-90.
- Pavia, D.L., Lampman, G.M., Kriz, G.S., and Vyvyan, J.R. 2007. *Introduction to spectrscopy*. Philadelphia: Saunders college.
- Peshin, T. and Kar, H.K. 2017. Isolation and characterization of  $\beta$ -sitosterol-3-O- $\beta$ -D-glucoside from the extract of the flowers of *Viola odorata*. *British Journal of Pharmaceutical Research*, 16(4), 1-8.
- Ponce, A.G., Fritz, R., del Valle, C., and Roura, S.I. 2003. Antimicrobial activity of essential oils on the native microflora of organic Swiss chard. *Lebensm.-Wiss. U.-Technol.*, 36, 679-684.
- Prihantini, A.I., Tachibana, S., and Itoh, K. 2014. Evaluation of antioxidant and  $\alpha$ -glucosidase inhibitory activities of some subtropical plants. *Pakistan Journal of Biological Sciences*, 17 (10), 1106-1114.
- Proseanet, 2016. *Elaeocarpus L.* [http://proseanet.org/prosea/e-prosea\\_detail.php?frt=&id=1071](http://proseanet.org/prosea/e-prosea_detail.php?frt=&id=1071). diakses tanggal 04 April 2016.
- Rao, K. S., Rao, O. U., and Aminabee, S. 2012. Hypoglycemic and Antidiabetic Potential of Chitosan Aqueous Extract of *Elaeocarpus ganitrus*. *International Journal of Research in Pharmacy and Chemistry*, 2(2), 428-441.
- Ray, A.B, Dutta, S.C. and Dasgupta, S. 1976. Flavonoid of *Elaeocarpus lanceifolius*. *Phytochemistry*, 15, 1797-1798.
- Ray, A.B, Dutta, S.C, Dasgupta, S. and Rudrakine. 1979. A new alkaloid from *Elaeocarpus ganitrus*. *Phytochemistry*, 18, 700-01.
- Sakat, S., Wankhede, S., Juvekar, A., Mali, V., and Bodhankar, S. 2009. Antihypertensive Effect of Aqueous Extract of *Elaeocarpus ganitrus* Roxb. Seeds in Renal Artery Occluded Hypertensive Rats. *International Journal of Pharmtech Research*, 1(3), 779-782.

- Sancheti, S., Sancheti, S., and Seo S. 2009. *Chaenomeles Sinensis*: A Potent  $\alpha$  and  $\beta$ -Glucosidase Inhibitor. *American Journal of Pharmacology and Toxicology*, 4 (1), 8-11.
- Sari, D.P., Ninomiya, M., Efdi, M., Santoni, A., Ibrahim, S., Tanaka, K., and Koketsu, M. 2013. Clerodane Diterpenes Isolated from *Polyalthia longifolia* Induce Apoptosis in Human Leukemia HL-60 cells. *Journal of Oleo Science*, 62(10), 1-6.
- Sastrohamidjojo, H. 1992. *Spektroskopi Infra merah*, Edisi 1. Yogyakarta: Liberty.
- Sen, S., De, B., Devanna, N., and Chakraborty, R. 2013. Total phenolic, total flavonoid content and antioxidant capacity of the leaves of *Meyna spinosa* Roxb., an Indian medicinal plant. *Chin. J. Nat. Med.*, 11 (2), 149–157.
- Sepulveda, L., Ascacio, A., Rodriguez-Herrera, R., Aguilera-Carbo, A., and Aguilar, C.N. 2011. Ellagic Acid: Biological Properties and Biotechnological development for production processes. *African Journal of Biotechnology*, 10(22), 4518-4523.
- Shamna, R., Sasikumar, J. M., Adithya, E. S., Christabel, P. H., and Lakshmi, M. S. 2011. Antioxidant Capacity of *Rubus niveus* Thunb. and *Elaeocarpus oblongus* Gaestn. Fruits. *Food*, 5, 96-101.
- Sharifa, A. A., Jamaludin, J., Kiong, L. S., Chia, L. A., and Osman, K. 2012. Anti-urolithiatic terpenoid compound from *Plantago major* Linn. (Ekor Anjing). *Sains Malaysiana*, 41 (1), 33-39.
- Sheng, Z., Zheng-Ming, T., Yi, Z., Zheng-Wu, S., and Guo-Wei, Q. 2010. Chemical Constituents from Stems and Leaves of *Elaeocarpus glabripetalus*. *Chinese Journal of Natural Medicines*, 8(1), 21-24.
- Singh, R. K. and Acharya, S. B. 2015. Mast Cell Stabilizing Effect of *Elaeocarpus sphaericus* (Rudrakshafruit): Possible Role in Bronchial Asthma. *International Journal of Research Studies in Biosciences*, 3, 131-134.
- Singh, R. K., Acharya, S. B., and Bhattacharya, S. K. 2000a. Pharmacological Activity of *Elaeocarpus sphaericus*. *Phytotherapy Research*, 14, 36-39.
- Singh, R. K., Bhattacharya, S. K., and Acharya, S. B. 2000b. Studies on Extracts of *Elaeocarpus sphaericus* Fruits on *In Vitro* Rat Mast Cells. *Phytomedicine*, 7(3), 205-207.
- Singh, R. K. and Nath, G. 1999. Antimicrobial Activity of *Elaeocarpus sphaericus*. *Phytotherapy Research*, 13, 448-450.
- Skoog, A.D., Holler, F.J., and Nieman, T.A. 1998. Principle of instrumental analysis. 5<sup>th</sup> edition. Belmont: Brooks/Cole.
- Sulastri, S., dan Kristianingrum, S. 2010. Berbagai Macam Senyawa Silika: Sintesis, Karakterisasi, dan Pemanfaatan. *Dalam* Prosiding Seminar Nasional Penelitian, Pendidikan, dan Penerapan MIPA; Yogyakarta 15 Mei 2010. Fakultas MIPA Universitas Negeri Yogyakarta. Hal 211-216.
- Supratman, U. 2005. Elusidasi Struktur Senyawa Organik. Bandung: Jurusan Kimia FMIPA, Unpad
- Tripathi, Y. C., Shukla, P., and Tewari, D. 2015. Phytochemical Evaluation and Antihyperglycemic Effects of *Elaeocarpus ganitrus* Roxb (Rudraksha) in Streptozotocin Induced Diabetes. *International Journal of Pharmacy and Pharmaceutical Sciences*, 7, 280-283.



- Ullah, H. and Ali, S. 2017. Classification of anti-bacterial agents and their functions. *Intechopen*, doi: 10.5772/intechopen.68695.
- Utami, R., Khalid, N., Sukari, M. A., Rahmani, M., Abdul, A. B., and Dachriyanus 2013. Phenolic Contents, Antioxidant and Cytotoxic Activities of *Elaeocarpus floribundus* Blume. *Pak. J. Pharm. Sci.*, 26(2), 245-250.
- Wang, H., Peng, C., and Chen, Y. 2015. Phenolics from *Elaeocarpus braceanus*. *Chemistry of Natural Compounds*, 51(6), 1167-1168.
- Wang, C.R., Zhou, R., Ng, T.B., Wong, J.H., Qiao, W.T., and Liu, F. 2014. First report on isolation of methyl gallate with antioxidant, anti-HIV-1 and HIV-1 enzyme inhibitory activities from a mushroom (*Pholiota adiposa*). *Environmental Toxicology and Pharmacology*, 37, 626-637.
- Wickens, A. P . 2001. Ageing and the free radical theory. *Respir. Physiol.*, 128, 379-391.
- Zanatta, L., de Sousa, E., Cazarolli, L.H., Junior, A.C., Pizzolatti, M.G. and Szpoganicz, B. 2007. Effect of Crude Extract and Fraction from *Vitex megapotamica* Leaves on Hyperglycemia in Alloxan-diabetic Rats. *Ethnopharmacol*, 109, 151-155.
- Zhou, C., Wang, X., Mo, J., Zhang, J., and Gan, L., 2011. Optical Resolution and Structure Determination of New Indolizidine Alkaloids from *Elaeocarpus sphaericus*. *Helvetica Chimica Acta*, 94, 347-354.

