

## DAFTAR PUSTAKA

AbdAllah WE, Awad HM, AbdelMohsen MM. HPLC Analysis of Quercetin and Antimicrobial Activity of Comparative Methanol Extracts of *Shinus molle* L. *Int J Curr Microbiol App Sci*. 2015;4(11):550-558.

Agguire L, Arias N, Maraculla MT, Gracia A, Portillo MP. Beneficial Effects of Quercetin on Obesity and Diabetes. *The Open Nutraceutical Journal*. 2011;4:189-198.

Ahuja S, Rasmussen H. *HPLC Method Development for Pharmaceuticals* (1<sup>st</sup> edition). London, UK: Elsevier; 2007.

Betz JM, Brown PN, Roman MC. Accuracy, Precision, and Reability of Chemical Measurements in Natural Products Research. *Fitoterapia*. 2011;82(1):44-52.

Bharti VP, Attal VR, Munde AV, Birajdar AS, Bais S. Strategies to Enhance Solubility and Dissolution of A Poorly Water Soluble Drug. *Journal of Innovations in Pharmaceutical and Biological Sciences*. 2015;2(4):482-494.

Biasutto L, Zoratti M. Prodrugs of Quercetin and Resveratol: A Strategy Under Development. *Current Drug Metabolism*. 2014;15(1):77-95.

Bicalho MD, Soares DB, Botoni FA, Reis AM, Martins MA. Drug-Induced Nephrotoxicity and Dose Adjusment Recommendations: Agreement Among Four Drug Information Sources. *INT J Environ Res Public Health*. 2015;12:11227-11240.

Bicking MKL, Henry RA. A Global Approach to HPLC Column Selection using RP and HILIC Modes: What To Try When C18 Doesn't Work. *LCGC North America*. 2010;28(3):234-44.

Cai X, Fang Z, Dou J, Yu A, Zhai G. Bioavailability of Quercetin: Problems and Promises. *Current Medicinal Chemistry*;20(20):2572-2582.

Chen C, Jiang ZY, Yu B, Wu XL, Dai CQ, Zhao CL, Chen XY. Study on the Anti-H1N1 Virus Effects of Quercetin and Oseltamivir and Their Mechanism Related to TLR7 Pathway. *Journal of Asian Natural Product Research*. 2012;14(9):877-885.

Chiou WL, Reigelman S. Pharmaceutical Applications of Solid Dispersion Systems. *Journal of Pharmaceutical Sciences*. 1971;60(9):1281-1302.

Coates PM, Blackman MR, Cragg GM, Levine M, Moss J, White JD. Encyclopedia of Dietary Supplements. New York, USA:Marcel Dekker; 2005.

Ermer J, Miller JHM. Method Validation in Pharmaceutical Analysis. Weinheim, Jerman: Wiley-VCH Verlag GmbH & Co. KGaA; 2005.

Gandjar IG, Rohman A. Kimia Farmasi Analisis. Yogyakarta, Indonesia; 2012.

Gomes IB, Porto ML, Santos MC, Campagnaro BP, Gava AL, Meyrelles SS, Vasquez EC. The Protective Effects of Oral Low-Dose Quercetin on Diabetic Nephropathy in Hypercholesterolemic Mice. *Front Physiol.* 2015;6(247):1-8.

Hadjar, MMI. Teknik Analisis Obat Dalam Cairan Biologis dengan GLC dan HPLC. *Cermin Dunia Kedokteran.* 1985(37):26-31.

Hollman PC, Trijp JMV, Buysman MN, Gaag MS, Mengelers MJ, Vries JHD, Katan MB, Relative Bioavailability of the Antioxidant Flavonoid Quercetin from Various Foods in Man. *FEBS Letters.* 1997;418:152-156.

Indra P. Pembuatan dan Karakterisasi Dispersi Padat Kuersetin dengan PVP K-30 Menggunakan Teknik Spray Drying. [Skripsi]. Padang: Universitas Andalas; 2018.

International Agency for Research on Cancer. 1983. IARC Monographs on the Evaluation of the Carcinogen Risk of Chemicals to Human. Some Food Additives, Feed Additives and Naturally Occuring Substances, 213-229.

Kakran M, Shegokar R, Sahoo NG, Gohla S, Li L, Muller RH. Long-term Stability of Quercetin Nanocrystals Prepared by Different Methods. *Journal of Pharmacy and Pharmacology.* 2012;64:1394-1402.

Kazekevich Y, LoBrutto R. HPLC for Pharmaceutical Scientist. New Jersey, USA: John Wiley & Sons; 2007.

Kendre PN, Pande VV, Chavan KM. Novel Formulation Strategy to Enhance Solubility of Quercetin. *Pharmacophore.* 2014;5(3):358-370.

Lakhanpal P, Rai DK. Quercetin: Aversatile Flavonoid. *Internet Journal of Medical Update.* 2007;2(2):22-37.

Li H, Zhao X, Ma Y, Zhai G, Li L, Lou H. Enhancement of Gastrointestinal Absorption of Quercetin by Solid Lipid Nanoparticles. *Journal of Controlled Release.* 2009;133:238-244.

Masterska M. Quercetin and Its Derivatives: Chemical Structure and Bioactivity – A Review. *Polish Journal of Food and Nutrition Sciences.* 2008;58(4):407-413.

Moon YJ, Wang L, DiCenzo R, Morris MS. Quercetin Pharmacokinetics in Humans. *Bipharmaeueuties & Drug Disposition*. 2008;29:205-217.

Nathiya S, Durga M, Devasena T. Quercetin, Encapsulated Quercetin and Its Application – A Review. *International Journal of Pharmacy and Pharmaceutical Sciences*. 2014;6(10):20-26.

Prabu VV, Nalini G, Chidambaranathan N, Kisan SS. Evaluation of Anti Inflammatory and Analgesic Activity of *Tridax procumbens* Linn Againsts Formalin, Acetic Acid and CFA Induced Pain Models. *Int J Pharm Pharm Sci*. 2011;3(2):126-130.

Sak K. Site-Specific Anticancer Effects of Dietary Flavonoid Quercetin. *Nutrition and Cancer*. 2014;66(2):177-193.

Shargel L, Wu-Pong S, Yu ABC. *Biofarmasetika dan Farmakokinetika Terapan (edisi kelima)*. Surabaya, Indonesia: Pusat Penerbitan dan Percetakan Universitas Airlangga; 2012.

Shimadzu. Differences Between Using Acetonitrile and Methanol for ReversePhase Chromatography. Diakses tanggal 15 Desember 2017 dari <https://www.shimadzu.com/an/hplc/support/lib/lectalk/35/35lab.html>.

Shukla V. Techniques for Solubility Enhancement of Poorly Soluble Drug: An Overview. *Journal of Medical Pharmaceutical and Allied Sciences*. 2012;01:18-31.

Thomson Healthcare. Quercetin. Diakses tanggal 16 April 2018 dari <https://toxnet.nlm.nih.gov/cgi-bin/sis/search/r?dbs+hsdb:@term+@rn+@rel+117-39-5>

Vasconcelos T, Sarmiento B, Costa P. Solid Dispersion as Strategy to Improve Oral Bioavailability of Poor Water Soluble Drugs. *Drug Discovery Today*. 2007;12(23/24):1068-1075.

Vicentini FT, Vaz MM, Fonseca YM, Bentley MV, Fonseca MJ. Characterization and Stability Study of a Water-in-oil Microemulsion Incorporating Quercetin. *Drug Development and Industrial Pharmacy*. 2011;37(1):47-55.

Wang Q, Sun C, Mao L, Ma P, Liu F, Yang J, Gao Y. The Biological Activities, Chemical Stability, Metabolism and Delivery Systems of Quercetin: A Review. *Trends in Food Science & Technology*. 2016;56(2016):21-38.

Zheng Y, Haworth IS, Zuo Z, Chow MS, Chow AH. Physicochemical and Structural Characterization of Quercetin- $\beta$ -Cyclodextrin Complexes. *Journal of Pharmaceutical Sciences*. 2005;94(5):1079-1089.