

## DAFTAR PUSTAKA

- Acree, WE., Grubbs LM and Abraham MH. 2012. *Toxicity and Drug Testing: Prediction of Partition Coefficients and Permeability of Drug Molecules in Biological Systems with Abraham Model Solute Descriptors Derived from Measured Solubilities and Water-to-Organic Solvent Partition Coefficients*. InTech, United States, p.92-123.
- Alkharfy KM, Ahmad A, Khan RM, dan Al-Shagha WM. 2015. Pharmacokinetic plasma behaviors of intravenous and oral bioavailability of thymoquinone in a rabbit model. (Abstract) *Eur J Drug Metab Pharm*, 2015, 40 (3): 319-323.
- Andres A, Marti R, Clara R, Elisabeth B, Sonia E, Victor S, and Josep MH. 2015. Setup and validation of shake-flask procedures for the determination of partition coefficients (logD) from low drug amounts. *Eur. J. Pharm. Sci*, 2015, 181-191.
- Anderson RJ, David JB, and Paul G. 2004. *Organic Spectroscopy*. Cambridge : Royal Society Chemistry.
- Antonenko YN, AV Avetisyan, LE Bakeeva, BV Chernyak, VA Chertkov, LVO Yu. Ivanova, DS Izyumov, LS Khailova, SS Klishin, GA Korshunova, KG Lyamzaev, MS Muntyan, OK Nepryakhina, AA Pashkovskaya, O Yu Pletjushkina, AV Pustovidko, VA Roginsky, TI Rokitskaya, EK Ruuge, VB Saprunova, II Severina, RA Simonyan, IV Skulachev, MV Skulachev, NV Sumbatyan, IV Sviryayeva, VN Tashlitsky, JM Vassiliev, MYu Vyssokikh, L S Yaguzhinsky, AA Zamyatnin, and VP Skulachev. 2008. Mitochondria-Targeted Plastoquinone Derivatives as Tools to Interrupt Execution of the Aging Program Cationic Plastoquinone Derivatives: Synthesis and *in vitro* Studies. *Biochemistry (Moscow)*, 2008, Vol. 73, 12:, 1273-128.
- Cayman Clinical. 2014. Safety Data Sheet Thymoquinone. *Cayman Chemical Company*, United States, 2014.
- Chao K, Yu-Ting L and Hsiu-Wen Y. 2014. Prediction of Partition Coefficients of Organic Compounds between SPME/PDMS and Aqueous Solution. *Int. J. Mol. Sci*, 2014, 15: 2585-2595.
- Field L D, S Sternhell, and J R Kalman. 2007. *Organic Structures from Spectra*. Fourth Edition. John Wiley And Sons, Singapore.
- Fisher Scientific. 2015. Safety Data Sheet Thymoquinone. *Thermo Fisher Scientific*, United States, 2015.

Harnani, ED. 2010. *Perbandingan Kadar Eugenol Minyak Atsiri Bunga Cengkeh (Syzygium aromaticum L.) dari Maluku, Sumatra, Sulawesi, dan Jawa dengan Metode GC-MS*. Fakultas Farmasi, Universitas Muhammadiyah Surakarta, Surakarta.

International Atomic Energy Agency (IAEA). 2005. *Validation of Thin-Layer Chromatographic Methods for Pesticide Residue Analysis*. Food & Environmental Protection Section International Atomic Energy Agency, Austria, p. 6-9.

Jhanwar B, Vandana S, Rajeev KS, and Birendra S. 2011. QSAR - Hansch Analysis and Related Approaches in Drug Design. *Pharmacologyonline*, 2014, 306-344.

Keat Ng W, Latifah SY, Li HY, Wan AG, Wan NH, Chee WH, and Rasedee A. 2015. Thymoquinone-Loaded Nanostructured Lipid Carrier Exhibited Cytotoxicity towards Breast Cancer Cell Lines (MDA-MB-231 and MCF-7) and Cervical Cancer Cell Lines (HeLa and SiHa). *BioMed Res. Int.*, 2015, 10.

Keck C, Kobierski S, Mauludin R, and Muller RH. 2008. Second Generation of Drug Nanocrystals for Delivery of Poorly Soluble Drugs: Smart Crystal Technology. *Dos. J.*, 2008, 2 (24): 124-128.

Kimberly M, Sutton A, Carolyn D, Doucette A, and David WH. 2012. NADPH quinone oxidoreductase 1 mediates breast cancer cell resistance to thymoquinone-induced apoptosis. *Biochem. Biophys. Res. Commun.*, 2012, 421-426.

Lahlou M. 2013. The Success of Natural Products in Drug Discovery. *Pharm. Phar.*, 2013, 4: 17-31

Pavia DL, Gary ML, George SK, and James RV. 2009. *Introduction to Spectroscopy*. Brooks/Cole Cengage Learning, Washington.

Roman IP, Anna M, Konstantina T, Antonio C, and Elefteria P. 2014. Rapid Determination of Octanol-Water Partition Coefficient using Vortex-Assisted Liquid-Liquid Microextraction. *J. Chroma.*, 2014, 189-192.

Shargel L, Susanna WP, dan Andrew BCY. 2012. *Biofarmasetika dan Farmakokinetika Terapan*, Edisi Kelima, Pusat Penerbitan dan Percetakan Unair, Surabaya, hal. 371-373 dan 453-458.

Silverstein, RM, Webster FX, and Kiemle DJ. 2005. *Spektrometric Identification of Organic Compounds*. Seventh Edition. John Wiley : New York, p.690-714.

Siswandono dan Soekardjo B. 2008. *Kimia Medisinal*, Jilid Satu, Pusat Penerbitan dan Percetakan Unair, Surabaya, hal. 32-33.



Sousa DP, Franklin FFN, Camila CMPS, Rubens BB, Ygor WV, Marciana PU, Timothy JB and Reinaldo NA. 2012. Antinociceptive Activity of Thymoquinone and its Structural Analogues: A Structure-Activity Relationship Study. *Trop. J. Pharm.Res.*, 2012; 11 (4): 605-610.

Sousa DP, Franklin FFN, Camila CMPS, Rubens BB, Ygor WV, Marciana PU, Timothy JB and Reinaldo NA. 2011. Anticonvulsant activity of thymoquinone and its structural analogues. *Rev. Bras. Farmacogn.*, 2011, 21(3): 427-431.

Woo CC, Kumar AP, Sethi G, and Tan KH. 2012. Thymoquinone: potential cure for inflammatory disorders and cancer. *Biochem. Pharmacol.*, 2012, 83: 443-451.

