

## DAFTAR PUSTAKA

- Abdelbary, G., Amin, M., and Salah, S., 2012. Self Nano-Emulsifying Simvastatin Based Tablets: Design And *In Vitro/In Vivo* Evaluation. *Pharm. Dev. and Tech.*, 1–11.
- Anton, N., Benoit, J.P. and Saulnier, P., 2008, Design and Production of Nanoparticles Formulated from Nano-Emulsion Templates – a Review, *J. Control Release*, **128**, 185-199.
- Anton, N. and Vandamme, T. F., 2009, The Universality of Low-Energy Nano-Emulsification, *Int. J. Pharm.*, **377**, 142-147.
- Bouchemal, K., Briançon, S., Perrier, E., and Fessi, H., 2004, Nano-Emulsion Formulation Using Spontaneous Emulsification: Solvent, Oil and Surfactant Optimisation., *Int. J. Pharm*, **280**, 241-251.
- Costa, P. and Lobo, J.M.S., 2000, Modeling and Comparison of Dissolution Profiles, *Euro. J. of Pharm. Sci.*, **13**, 123-133.
- Deferme, S., Annaert, P., and Augustijns, P., 2008, *In Vitro Screening Models to Asses Intestinal Drug Absorption and Metabolism*, 182-205, AAPS Press, New York.
- Dressman, J. B., Amidon, G.L., Reppas, C., and Shah, V.P., 1998, Dissolution testing as a prognostic tool for oral drug absorption: immediate release forms. *Pharm. Res.* **15** (1), 11–22.
- Fathoroni, A., 2014, Formulasi Dan Uji Stabilitas SNEDDS Simvastatin Menggunakan Surfaktan Tween 80 dan Kosurfaktan PEG 400, Fakultas Farmasi, Universitas Gadjah Mada, Yogyakarta.
- Fudholi, A., 2013, *Disolusi & Pelepasan Obat In Vitro*, Cetakan I, 137-157, Pustaka Pelajar, Yogyakarta.
- Gandjar, I.G. and Rohman, A., 2007, *Kimia Farmasi Analisis*, 220-265, Pustaka Pelajar, Yogyakarta.
- Ghosh, P.K., Majithiya R.J., Umrethia, M.L., and Murthy, R.S.R., 2006, Design and Development of Microemulsion Drug Delivery System of Acyclovir for Improvement of Oral Bioavailability, *Pharm. Sci. Tech.*, **7** (3), 1-6.
- Gursoy, R. N., and Benita, S., 2004, Self-Emulsifying Drug Delivery Systems (Sedds) for Improved Oral Delivery of Lipophilic Drugs, *Biomed. Pharmacother.*, **58** (3), 173-182.
- Harmita, 2004, Petunjuk Pelaksanaan Validasi Metode dan Cara Perhitungannya, *Majalah Ilmu Kefarmasian*, **1**, 117-135.
- Hörter, D. and Dressman, J. B., 2001, Influence of physicochemical properties on dissolution of drugs in the gastrointestinal tract, *Adv. Drug Deliver. Rev.*, **46**, 75–87.
- Kang, B.K., Lee, J.S., Chon, S.K.L., Jeong, S.Y., Yuk, S.H., and Khang, G., *et al.* 2004. Development Of Self-Microemulsifying Drug Delivery Systems (SMEDDs) For Oral Bioavailability Enhancement Of Simvastatin In Beagle Dogs. *Int J Pharm.* 274,65-73.
- Katy, M.G., and Magdassi, S., 2009, Formation of simvastatin nanoparticles from microemulsion. *Nanomedicine.* **5**, 274–281

- Kumar, A., Sharma, S., and Kamble, R., 2010, Self Emulsifying Drug Delivery System (SEDDS): Future Aspects, *Int. J. Pharm.*, **2**, 7-13.
- Kumar, G.P. and Rajeshwarrao, P., 2011, Nonionic Surfactant Vesicular Systems for Effective Drug Delivery, *Acta Pharm. Sinica B*, **1**(4), 208-219.
- Linares, O.A., and Boston, R.C., 2010, Clinical Pharmacokinetics with WinSAAM, *EPJ*, Vol 1(1):1-2.
- Lopez-Montilla, J.C., 2002, Spontaneous Emulsification: Mechanisms, Physicochemical Aspects, and Applications., *J. Disp. Sci. Tech.*, **23**, 219-268.
- Lundin, P., Bojrup, M., Ljusberg-Wahren, H., Westrom, B., and Lundin, S., 1997, Enhancing Effects of Monohexanoin and Two Other Medium-chain Glyceride Vehicles on Intestinal Absorption of Desmopressin (Ddvp). *J.Pharm. Exp. Ther.*, **282**, 585-590.
- Miller, J.N. and Miller, J.C., 2005, *Statistic and Chemometrics for Analytical Chemistry*, 5<sup>th</sup> edition, pp 107-141, Pearson Education Limited, Essex.
- Noory, C., Tran, N., Ouderkirk, L., and Shah, V., 2000, Steps For Development Of A Dissolution Test For Sparingly Water-Soluble Drug Products. *Dissolution Tech.*, 7 (1), 16-21.
- Patel, P.A., Chaulang, G.M., Akolkotkar, A., Mutha. S.S., and Hardikar. S.R., Bhosale. A.V. 2008. Self Emulsifying Drug Delivery System: A Review. *Int. Research J.Pharm and Tech*.1(4), 313-323.
- Polloth, C.F., 2005, Safety Assessment on Polyethylene Glycols (PEGs) and Their Derivates as Used in Cosmetic Products, *Toxicology*, **214**, 1-38.
- Pouton, C.W., and Porter, C.J., 2008, Formulation of Lipid-Based Delivery Systems for Oral Administration: Materials, Methods and Strategies., *Adv. Drug Deliv. Rev.*, **60** (6), 625-637.
- Raesuddin, S.R., 2011, Formulation and Evaluation of Self Emulsifying Drug Delivery System of Simvastatin, *Disertasi*, Rajiv Gandhi University Of Health Sciences, Bangalore.
- Rahman, A., Hussain, A., Hussain. M.S., Mirza, M.A., and Iqbal, Z., 2012. Role Of Excipients In Successful Development Of Self-Emulsifying/Microemulsifying Drug Delivery System (SEDDS/SMEDDS). *Drug Dev. and Ind. Pharm.*, 1-19.
- Rowe, C.R., Sheskey, P.J. and Quinn, M.E., 2009, *Handbook of Pharmaceutical Excipients*, 6<sup>th</sup> ed., Pharmaceutical Press, London.
- Sadurní, N., Solans, C., Azemar, N., and García-Celma, M.J., 2005, Studies on the Formation of O/W Nano-Emulsions, by Low-Energy Emulsification Methods, Suitable for Pharmaceutical Applications, *Eur. J. Pharm. Sci.*, **26**, 438-445.
- Shargel, L. and Yu, A., 1999, *Applied Biopharmaceutics and Pharmacokinetics*, 4<sup>th</sup> ed., McGraw-Hill, New York.
- Shargel, L., Pong, S.W., and Yu, A.B.C., 2005, *Applied Biopharmaceutics & Pharmacokinetics*, Fifth Ed., 451-604, McGraw-Hills, Singapore.
- Sinco, J.P., 2006, *Martin's Physical Pharmacy and Pharmaceutical Sciences*, 6<sup>th</sup> Ed., Lippincott Williams dan Wilkins, Philadelphia, pp 226-230, 306-307.

- Singh, B., Bandopadhyay, S., Kapil, R., Singh, R., and Katare, O. P., 2009, Self-Emulsifying Drug Delivery System (SEDDS): Formulation Development, Characterization, and Application, *Crit. Rev. Ther. Drug. Carr. Syst.*, **26** (5), 427, 431, 444-445, 451.
- Singla, N., Gupta, G.D., Kohli, K., and Singla, A.K., 2009, A Discriminatory and Biorelevant Dissolution Test Method for Simvastatin Drug Products, *Institute of Pharmacy, B.S.A.I.P, Faridabad, India*, 11-13.
- Stefanovski, D., Moate, P.J., and Boston, R.C., 2003, WinSAAM: A Windows-Based Compartmental Modeling System, *Metabolism*, **52** (9): 1153-1166
- Sudjaswadi, R., 1995, Ketersediaan Hayati Salisilat Setelah Pemberian Sediaan Kapsul Asetosal yang Didispersikan dalam Campuran PEG 4000 – Tween 80 (1:2), *Majalah Farmasi Indonesia*, **6**(2), 61-67.
- United States Pharmacopeial Convention, 2007, *United States Pharmacopeia 30 - National Formulary 25*, 750-751, 2748-2751 United States Pharmacopeial Convention, Maryland.
- Wahyudi S., M.D.P., 2013, Formulasi dan Uji Transpor Transdermal In-vitro Emulsi Ketoprofen Menggunakan Hidroksipropil Metil Selulosa sebagai Emulgator, *Tesis*, Fakultas Farmasi, Universitas Gadjah Mada, Yogyakarta.
- Win, D.T., 2005, Oleic Acid – the Anti-Breast Cancer Component in Olive Oil, *AU J.T*, **9**, 75-78.
- Wulandari, E., 2013, Formulasi SNEDDS (Self-nanoemulsifying drug delivery system) untuk Gamavuton-0 dengan Menggunakan Minyak Nabati, *Skripsi*, Fakultas Farmasi, Universitas Gadjah Mada, Yogyakarta.
- Zhang, H., Yao, M., Morrison, R.A. and Chong, S., 2003, Commonly Used Surfactant Tween 80 Improves Absorption of P-Glycoprotein Substrate Digoxin in Rats, *Arch.Pharm. Res.*, **26**(1), 768-772.
- Zhang, Y., Huo, M., Zhon, J., Zou, A., Li, W., Yao, C. and Xie, S., 2010, DDSolver: An Add-In Program for Modeling and Comparison of Drug Dissolution Profiles, *AAPSJ*, **12**(3), 263-271.
- Zhao, Yi., Wanga, C., Chowb, Albert H.L., Ren, Ke., Gong, Tao., Zhang, Z., dkk., 2010, Self-nanoemulsifying Drug Delivery System (SNEDDS) for Oral Delivery of Zedoary Essential Oil: Formulation and Bioavailability Studies, *Int. J. Pharm.*, **383**, 170–177.