

## DAFTAR PUSTAKA

- Ansel H.C., Popovich, N.G., Allen, L.V., 1995. **Pharmaceutical Dosage Form and Drug Delivery System**, 6<sup>th</sup> ed., Malvern: Williams & Wilkins, p. 60-65.
- Bali, V., Ali, M., Ali, J., 2010. Study of surfactant combinations and development of a novel nanoemulsion for minimizing variations in bioavailability of ezetimibe. **Colloids and Surfaces B: Biointerfaces**, Vol. 76, p. 410-420.
- Bhut, V.Z., Prajapati, A.B., Patel, K.N., Patel, B.A., Patel, P.A., 2012. Solid Dispersion as a Strategy to Enhance Solubility: A Review Article. **International Journal for Pharmaceutical Research Scholars**, Vol. 1 No. 2, p. 490-498.
- Biswal, S., Sahoo, J., Murthy, P.N., Giradkat, R.P., Avari, J.G., 2008. Enhancement of Dissolution Rate of Gliclazide Using Solid Dispersions with Polyethylene Glycol 6000. **Pharm Sci Tech**, Vol. 9, No.2, p. 563-570.
- Bugay, D.E., & Findlay, W.P., 1999, **Pharmaceutical Excipients Characterization by IR, Raman, and NMR Spectroscopy**, Vol. 94, New York, Basell: Marcel Dekker, Inc.
- Chiou, W.L., and Riegelman, S., 1971. Pharmaceutical Application of Solid Dispersion System. **Journal Pharmaceutical Sciences**, Vol. 60 No. 9, p. 1281-1302.
- Departemen Kesehatan Republik Indonesia, 1995. **Farmakope Indonesia**, Edisi Keempat. Jakarta, p.979-980, 980-982, 1144.
- Dhirendra, K., Lewis, S., Udupa, N., Atin, K., 2009. Solid Dispersions: A Review. **Pak. J. Pharm. Sci.**, Vol. 22 No. 2, pp. 234-246.
- El-Garhy, O.H., 2013. Investigating The Potential of Polyethylene Glycols in Solubilization of Imidazole Drugs of Interest.

***International Journal of Pharmacy and Pharmaceutical Sciences***, Vol. 5 No. 3, p. 266-272.

- Ezetrol<sup>®</sup> Product Monograph. 2012. ***Pharmaceuticals Information of Ezetimibe***. Kanada: Merck Canada Inc.
- FDA, 2008. Diakses dari [www.accessdata.fda.gov / scripts / cder / dissolution/dsp\\_SearchResults\\_Dissolutions.cfm?PrintAll=1-741k](http://www.accessdata.fda.gov/scripts/cder/dissolution/dsp_SearchResults_Dissolutions.cfm?PrintAll=1-741k) pada tanggal 9 Desember 2014.
- Friedrich, H., Fussneger, B., Kolter, K., Bodmeier, R., 2006. Dissolution rate improvement of poorly water-soluble drugs obtained by adsorbing solutions of drugs in hydrophilic solvents onto high surface area carriers. ***European Journal of Pharmaceutics and Biopharmaceutics***, Vol. 62, p. 171-177.
- Grotenhuis, E., Malssen, K.F., Schenk, H., 1999. Polymorphism of Milk Fat Studied by Differential Scanning Calorimetry and Real Time X-Ray Powder Diffraction. ***JAOCs***, p. 76.
- Gupta, M.K., Goldman, D., Bogner, R.H., Tseng, Y.C., 2001. Enhanced Drug Dissolution and Bulk Properties of Solid Dispersions Granulated with a Surface Adsorbent. ***Pharmaceutical Development and Technology***, Vol. 6(4), p. 563-572.
- Hyma, P., Ravikanth, N., Reddy, P.C.H., 2012. Improvement of Solubility and Dissolution Rate of Pioglitazone by Solid Dispersions Technique. ***International Journal of Advances in Pharmaceutical Sciences***. Vol.6, Issue 6., p. 423-431.
- Jeu, L.A., and Cheng, J.W.M., 2003. ***Pharmacology and Therapeutics of Ezetimibe (SCH 58235), a Cholesterol-Absorption Inhibitor***. New York: Excerpta Medica, Inc.
- Jivraj, M., Martini, L.G., Thomson, C.M., 2000, An overview of the different excipients useful for the direct compression of tablets. ***PSTT***, Vol. 3 No.2, p.58-63.
- Kalia, A., and Poddar, M., 2011. Solid Dispersions: An Approach Towards Enhancing Dissolution Rate, ***International Journal***

*of Pharmacy and Pharmaceutical Sciences*, Vol.3 No.4, p.9-19.

Katzung, B.G., 2010. *Farmakologi Dasar & Klinik*, Edisi 10, Jakarta : Penerbit Buku Kedokteran EGC, hal.586.

Kawabata, Y., Wada, K., Nakatani, M., Yamada, S., Onoue, S., 2011. Formulation design for poorly water-soluble drugs based on biopharmaceutics classification system: Basic approaches and practical applications, *International Journal of Pharmaceutics*, Vol. 420, p. 1-10.

Khan, K.A., 1975. The Concept of Dissolution Efficiency, *Journal of Pharmacy and Pharmacology*, Vol.27 No.1, p.48-49.

Kiran, T., Shastri, N., Ramakrishna, S., Sadanandam, M., 2009. Surface Solid Dispersion of Glimepiride for Enhancement of Dissolution Rate, *International Journal of PharmTech Research*, Vol.1 No. 3, p. 822-831.

Klang, V., Valenta, C., Matsko, N.B., 2012. Electron microscopy of pharmaceutical systems, *Micron*, Vol. 44, p. 45-74.

Lalwani, J.T., Thakkar, V.T., Patel, H.V., 2013. Enhancement of Solubility and Oral Bioavailability of Ezetimibe by a Novel Solid Self Nano Emulsifying Drug Delivery System (SNEDDS). *International Journal of Pharmacy and Pharmaceutical Sciences*, Vol. 5 No. 3, p. 513-522.

Lestari, M.L.A.D., Ardiana, F., Indrayanto, G., 2011. Profiles of Drug Substances, Excipients, and Related Methodology. *Elsevier*, Vol. 36, p. 103-149.

Leuner, C., and Dressman, J., 2000. Improving drug solubility for oral delivery using solid dispersions. *European Journal of Pharmaceutics and Biopharmaceutics*, Vol. 50, p. 47-60.

Martin, Alfred., Bustamante, Pilar., Chun, A.H.C., 1993. Solubility and Distribution Phenomena, Complexation and Protein Binding, *Physical Pharmacy*, 4<sup>th</sup> Edition, Baltimore : Lippincott Williams & Wilkins, p.212-283.

- Mehatha, A.K., Suryadevara, V., Lankapalli, S.R., Deshmukh, A.M., Sambath, L.P., 2014. Formulation and Optimization of Ezetimibe Containing Solid Dispersions Using Kollidon VA64, *Turkey J. Pharm. Sci.*, Vol.11 No.2, p. 113-126.
- Miller, D.A., McGinity, J.W., and Williams III, R.O., 2008. Solid Dispersion Technologies. In: R.O. Williams III, D.R. Taft, and J.T. McConville (Eds). *Advanced Drug Formulations Design to Optimize Therapeutic Outcomes*, New York: Informa Healthcare USA, Inc., p. 451-490.
- Mulja, M., & Suharman. 1995. *Analisis Instrumental*. Surabaya: Airlangga University Press.
- Naidu, K.D., Lakshmi, A.P., Kumar, A., Reddy, J.R., 2013. Formulation and In-Vitro Evaluation of Conventional Tablets of Ezetimibe by Using Solid Dispersion. *International Journal of Pharmacy and Pharmaceutical Sciences*. Vol. 5, Suppl. 2., p. 331-335.
- Pachauu, L., Malsawamtulangi, C., Nath N.K., Ramdinsangi, R., Vanlalfakawma, D.C., Tripathi, S.K., 2013. Physicochemical and functional characterization of microcrystalline cellulose from bamboo. *International Journal of PharmTech Research*, Vol. 5, No. 4, pp 1561-1571.
- Parmar, K.R., Shah, S.R., Sheth, N.R., 2011. Studies in Dissolution Enhancement of Ezetimibe by Solid Dispersion in Combination with a Surface Adsorbent. *Dissolution Technologies*, p. 55-61.
- Penta, J. Chaitanya P., Devadasu, V.R., Venisetty, R.K., Vemula, S.K., 2014. Ezetimibe Solid Dispersions: Formulation, Development and In vitro Evaluation, *American Journal of Advanced Drug Delivery*, Vol.2 No. 1, p.90-103.
- Rao, M., Mandage, Y., Thanki, K., and Bhise, S., 2010. Dissolution improvement of Simvastatin by Surface Solid Dispersion Technology. *Dissolution Technologies*, Vol. 17(2), p. 27-34.
- Reier, G.E., 2000. Avicel® PH Microcrystalline Cellulose, NF, Ph Eur., JP, BP, *FMC*, p. 1-27.

- Rowe, R.C., Sheskey, P.J., Quinn, M.E., 2009. **Handbook of Pharmaceutical Excipients**, 6<sup>th</sup> Ed. London, Chicago : Pharmaceutical Press and American Pharmacists Association 2009, p.129-133, 364-369, 517-522.
- Saffoon, N., Uddin, R., Huda, N.H., Sutradhar, K.B., 2011. Enhancement of Oral Bioavailability and Solid Dispersion: A Review. **Journal of Applied Pharmaceutical Science**, Vol. 1 No. 7, p. 13-20.
- Sancheti, P.P., Karekar, P., Vyas V.M., Shah, M., Pore, Y.V., 2008. Preparation and physicochemical characterization of surfactant based solid dispersions of ezetimibe. **Pharmazie**, 64, p. 227-231
- Shargel, Leon. dan Yu, A.B.C., 2005. **Biofarmasetika dan Farmakokinetika Terapan**. Diterjemahkan oleh Fasich, Surabaya : Airlangga University Press, hal.86-87.
- Singh, S., Baghel, R.S., Yadav, L., 2011. A Review on Solid Dispersion. **International Journal of Pharmacy and Life Sciences**, Vol.2 No.9, p.1078-1095.
- Storey, R.A. and Ymen, I., 2011. **Solid State Characterization of Pharmaceutics**. 1<sup>st</sup> Ed. United Kingdom: Blackwell Publishing Ltd.
- Sweetman, S.C., 2009. **Martindale The Complete Drug Reference**, 36<sup>th</sup> Ed. London : The Pharmaceutical Press, p.1284-1285.
- Thakur, K., Nagpal M., Aggarwal G., Kaur R., Singh S., Behl T., Jain U.K., 2014. A Review On Solid Dispersion, **World Journal of Pharmacy and Pharmaceuticals Sciences**, Vol.3 No.9, p173-187.
- USP PF, 2014. Diakses dari <http://www.usppf.com / pf / pub / data / v405 / MON IPR 405 m1148.xml> pada tanggal 9 desember 2014.
- Vasconselos, T., Sarmiento, B., Costa, P., 2007. Solid Dispersions as Strategy to Improve Oral Bioavailability of Poor Water Soluble Drugs. **Drug Discovery Today**, p. 1-8.