

DAFTAR PUSTAKA

- AV. Trask, W. Jones. "Crystal engineering of organic co-crystals by the solid state grinding approach." *Top Curr Chem*, vol. 254, pp. 41-70, 2005.
- Ai sri Marpita Dewi (2019). Atorvastatin Menggunakan *Spherical Crystallization* Dengan Metode *Crystal Co-Aglomeration (CCA)*. STIKes BTH Tasikmalaya.
- Anggraeni, Nuha Desi. 2008. Analisa SEM (*Scanning Electron Microscope*) Dalam Pemantauan Proses Oksidasi Magnetit Menjadi Hematite. *Jurnal Rekayasa Aplikasi Teknik Mesin*.
- Brady, James E. 1999. *Kimia Universitas Asas dan Struktur*. Jakarta : Binarupa Aksara.
- Chauhan, Narendra. 2012. Spherical crystallization: an aspect to increase the physicochemical properties of drug. *International Journal of Pharmaceutical Innovations*, Vol 2: 37-47.
- Chiou, WL, Riegelman S. 1971. *Pharmaceutical applications of solid dispersions systems*. *J Pharm Sci* 60: 1281-1320.
- Dara, A. I., & Husni, P. (2017). Artikel Tinjauan: Teknik Meningkatkan Kelarutan Obat. *Farmaka Volume 15 Nomor 4*, 4(Desember 2017), 1–15.
- [DEPKES RI] Departemen Kesehatan Republik Indonesia 2014. *Farmakope Indonesia*. Edisi V. Jakarta: Departemen Kesehatan Republik Indonesia.
- Deny Puriyani Azhary, Dadih Supriadi, Yanni Dhiani Mardhiani, Sinta Agustina. (2020). Peningkatan Laju Disolusi Atorvastatin Dengan Dispersi Padat Menggunakan Pembawa Karagenan. Fakultas Farmasi Universitas Bhakti Kencana: Bandung. *Jurnal Ilmiah Farmasi Farmasyifa Volume 3 No 1 halaman 44 – 50*.
- Dina Louis. (2016). Formulation and Evaluation of Nanocrystals of a Lipid Lowering Agent. *Pharmaceutics Department. Faculty of Pharmacy, Cairo University., Cairo, Egypt*.
- Dolih Gozali, Husein H. Bahti, Sundani N. Soewandhi dan Marline Abdassah. (2012). Pembentukan Kokristal Antara Kalsium Atorvastatin Dengan Isonikotinamid Dan Karakterisasinya. Fakultas Pascasarjana Program Studi Ilmu Kimia-Universitas Padjadjaran Bandung Jurusan Kimia FMIPA–Universitas Padjadjaran. *Jurnal Sains Materi Indonesia Vol. 15, No. 2, Januari 2014, hal. 103-110*.

- E.Zaini, A.Halim, S.N. Soewandhi dan D. Setiawan. "Peningkatan Laju Pelarutan Trimetoprim Melalui Metode Ko-Kristalisasi Dengan Nikotinamida." *Jurnal Farmasi Indonesia*, vol. 5(4), pp. 205 -212, 2011.
- Fisika, B., Anam, C., & Atom, L. F. (2007). Analisis Gugus Fungsi Pada Sampel Uji, Bensin Dan Spiritus Menggunakan Metode Spektroskopi Ftir. *Berkala Fisika*, 10 (2), 79-85–85.
- Florence & Atwood. 2011. *Physicochemical Principles of Pharmacy*, Fifth Edition. London: MacMillan Press, : 8-27.
- Gozali, D., Tandela, R. dan Wardhana, Y.W.(2014). Karakterisasi Dan Peningkatan Disolusi Kalsium Atorvastatin Melalui Proses Mikrokristalisasi. Fakultas Farmasi Universitas Padjadjaran, Jatinangor, Sumedang.
- Gunawan, B., & Azhari, C. D. (1979). Karakteristik Spektrometri IR dan Scanning Electron Microscopy (SEM) Semsor Gas dari Bahan Polimer Poly Ethelyn Glycol (PEG). *Fakultas Teknik Universitas Muria Kudus*, 1–17.
- Hari Vedha B.N., Begum Yasmin A., Devi Ramya D. 2012. *Solid State Modification for the Enhancement of Solubility of Poorly Soluble Drug : Carrageenan as Carrier. International Journal of Applied Pharmaceutics*. Vol. 4. Issues 2 : 1-7.
- Hiremath, S.N., Raghavendra, R.K., Sunil, F., Danki, L.S., Rampure, M.V., Swamy, P.V., Bhosale, U.V., 2008, Dissolution Enhancement of Gliclazide by Preparation of Inclusion Complexes with β -cyclodekstrin, *Asian Journal of Pharmaceutuics*, 73-76.
- Klancnik, G., Jozef M ., Primoz M. 2010. Differential thermal analysis (DTA) and differential scanning calorimetry (DSC) as a method of material investigation. *Materials and Clinical Research.*, Vol 5: 114-117.
- Martin, Alfred, et al. 2009. *Farmasi fisik*. Edisi iii. Jakarta : Ui-Press.
- Nurul Aini, Ratih Dian Saraswati, Intan Sari Oktoberia.(2015). *Comparative Dissolution Profile, Assay, and Physical Quality of Innovator, Branded Generic, and Generic Atorvastatin Tablets*. Pusat Biomedis dan Teknologi Dasar Kesehatan, Badan Penelitian dan Pengembangan Kesehatan, Kementerian Kesehatan, Jakarta, Indonesia. Vol.5 No.2:90-97.
- Patil, A., Pore, Y., Gavhane, Y., Patil, S., & Patil, S. (2014). Spherical crystallization of ezetimibe for improvement in physicochemical and micromeritic properties. *Journal of Pharmaceutical Investigation*, 44(3), 213–224. <https://doi.org/10.1007/s40005-014-0117-4>

- Ratnasari, Dina., dkk. 2009. "X-Ray Diffraction (XRD)". Tugas Kimia Fisika. (2009): h. 2-3. <http://kimia.ft.uns.ac.id/file/kuliah/kimia%20Fisika/.../XRD%20III.pdf> (diakses 26 November 2015).
- Rohman, Abdul. 2014. Spektroskopi Vibrasional Teori dan Aplikasinya untuk Analisis Farmasi. Yogyakarta; UGM-Press.
- Rowe, R. C., Sheskey, P. J., & Owen, S. C. (2002). *Handbook of Pharmaceutical Excipients*. London: Pharmaceutical Press.
- Savjani Ketan T., Anuradha K. Gajjar, dan Jignasa K. Savjani. "Drug Solubility: Importance and Enhancement Techniques." *ISRN Pharmaceutics*.2012;(2012): 195727.
- Scherrer, D. M., Irawan, H, & Kristal, S. (2017). *Studi Eksperimental Deformasi Kristal Pada Daerah Haz Dengan Menggunakan Xrd*. 02(01), 10–16.
- Sharma, Monika, Rajeev Garg, G.G. Gupta. 2013. *Formulation and evaluation of Solid Dispersion of Atorvastatin Calcium*, *Journal of Pharmaceutical and Scientific Innovation*, 2(4), 73-81.
- Siregar, C.J.P., dan Wikarsa, S., 2010, *Teknologi Farmasi Sediaan Tablet Dasar-Dasar Praktis*, Penerbit Buku Kedokteran EGC, Jakarta.
- Shing, R., Bharti, N., Madan, J., & Hiremath, S.N., 2010, Characterization of Cyclodextrin Inclusion Complexes-A Review, *Journal of Pharmaceutical Science and Technology*, Vol. 2, No. 3, pp. 171-183, ISSN 0975-5772
- Sharma D., M. Soni, S. Kumar, and G. D.Gupta, "Solubility Enhancement Eminent Role in Poorly Soluble Drugs," *Research Journal of Pharmacy and Technology*. 2009;2(2):220–224.
- Soewandhi, Sundani N. 2006. Kristalografi Farmasi III. Bandung: ITB. 1-9.
- Soewandhi, Sundani N. 2006. Kristalografi Farmasi I. Bandung: ITB. 9-12, 104-105, 208.
- Soo Kim Min, Kim JS, Cho W, Park HJ. 2013. *Oral Absorption of Atorvastatin Solid Dispersion Based on Cellulose or Pyrrolidone Derivate Polymer*. *International Journal of Biological Macromolecules* 59 : 138– 142.
- Thommes Markus, Lieven Baert, Gerben AE. 2009. *Improved bioavailability of darunavir by use of k-carrageenan versus microcrystalline cellulose as pelletisation aid*. *European Journal of Pharmaceutics and Biopharmaceutics* 72 (2009) 614–62.

Florence & Atwood. 2011. *Physicochemical Principles of Pharmacy*, Fifth Edition. London: MacMillan Press, : 8-27.

Sujatno, A., Salam, R., Dimiyati, A., & Bandriyana. (2015). Studi Scanning Electron Microscopy(SEM) untuk Karakterisasi Proses Oksidasi Paduan Zirkonium. *Jurnal Forum Nuklir (JFN)*, 9(November), 44–50.

Supardi, Yusuf, Y., & Harsoyo. (2015). Characterization of Main-Chain Liquid Crystal Elastomers by Using Differential Scanning Calorimetry (DSC) Method. *Advanced Materials Research*, 1123, 69–72. <https://doi.org/10.4028/www.scientific.net/amr.1123.69>

USP's *Pending Monographs Guideline*, 2012

Vogt M, Kunath K and Dressman JB. Dissolution enhancement of fenofibrate by micronization, cogrinding and spray-drying: Comparison with commercial preparations. *Eur. J. Pharm. Biopharm.* (2008) 68: 283-288.da Costa MA, Seiceira.

Varshosaz, J. 2008. Dissolution enhancement of gliclazide using in situ micronization by solvent change method. *Powder Tech.* 187: 222-3.

Vasoncelos, B. Sarmiento dan P. Costa. 2007. *Solid Dispersion as Strategy to Improve Oral Bioavailability of Poor Water Soluble Drugs*. *Drug Discovery Today*. 12. 1068-1075.