

DAFTAR PUSTAKA

- Alagona P. 2010. Fenofibric acid: a new fibrate approved for use in combination with statin for the treatment of mixed dyslipidemia. *Dove Press Journal*. 6(1):351–362.
- Alatas F, Soewandhi SN, Sasongko L, Ismunandar and Uekusa H. 2013. Cocrystal Formation Between Didanosine and Two Aromatic Acids. *International Journal of Pharmacy and Pharmaceutikal Science*. 5(3):275-280.
- Banakar UV. 1992. *Pharmaceutical Dissolution Testing*. New York, US: Marcel Dekker Inc.
- Berry DJ and Steed JW. 2017. *Pharmaceutical Cocrystals, Salts and Multicomponent Systems; Intermolecular Interactions and Property Based Design*. *Advanced Drug Delivery Reviews*.1-22.
- Chandramouli Y, Gandhimathi R, Rubia B, Vikram A, Mahitha B, and Imroz SM. 2012. Review on Cocrystal as An Approach With Newer Implications in Pharmaceutical Field. *International Journal of Medicinal Chemistry & Analysis*. 2(2):91–100.
- Dachriyanus. 2004. *Analisis struktur senyawa organik secara spektroskopi*. Padang, Indonesia: Multimedia LPTIK Universitas Andalas Padang.
- Dhumal RS, Kelly AL, York P, Coates PD, and Paradkar. 2010. Cocrystallization and Simultaneous Agglomeration Using Hot Melt Extrusion. *Pharmacy Research*. (27): 2725-2733.
- Chaudhari S, Nikam SA, Khatri N, and Wakde S. 2018. Co-Crystals: a Review. *Journal of Drug Delivery and Therapeutics*. 8(6):350-358.
- Fucke K, Myz SA, Shakhtshneider TP, Boldyreva EV, and Griesser U. J. 2012. How good are the crystallisation methods for co-crystals. A comparative study of piroxicam w. *New Journal of Chemistry*. 1969-1977.
- Gennaro AR. 1985. *Remington pharmaceutical Science*, 17th Ed. Easton: Mack Publishing Company.
- Giron. 1995. Thermal Analysis and Calorimetric Methods in Characterization of Polymorphs and Solvates. *Thermochimica Acta*.1-59.

- Godfrey AR, DiGiacinto J, and Davis MW. 2011. Single-dose bioequivalence of 105-mg fenofibric acid tablets versus 145-mg fenofibrate tablets under fasting and fed conditions : a report of two phase I, open-label, single-dose, randomized, crossover clinical trials. *Clinical Therapeutics*. 33(6):766–775.
- Gozali D, Bahti HH, Soewandhani SN dan Abdassah M. 2012. Pembentukan Kokristal Antara Kalsium Atorvastatin dengan Isonikotinamid dan Karakterisasinya. *Jurnal Sains Materi Indonesia*. 103-110.
- Grothe E, Meekes H, Vlieg E, Horst JH, and Gelder R. 2016. Solvates, Salts, and Cocrystals: A Proposal for a Feasible Classification System. *American Chemical Society*. 3237-3243.
- Harmita. 2006. Buku Ajar Analisis Fisikokimia. Depok, Indonesia: Departemen Farmasi FMIPA Universitas Indonesia.
- Karagianni A, Malamataris M, and Kachrimanis K. 2018. Pharmaceutical Cocrystals: New Solid Phase Modification Approaches for the Formulation. *Journal of Pharmaceutics*. 10(18): 1-30.
- Kementrian Kesehatan Republik Indonesia. 1979. Farmakope Indonesia, Edisi ke III. Jakarta, Indonesia: Departemen Kesehatan Republik Indonesia.
- Kementrian Kesehatan Republik Indonesia. 2014. Farmakope Indonesia, Edisi ke V. Jakarta, Indonesia: Departemen Kesehatan Republik Indonesia.
- Kementrian Kesehatan Republik Indonesia. 2020. Farmakope Indonesia, Edisi ke VI. Jakarta, Indonesia: Departemen Kesehatan Republik Indonesia.
- Kim KS, Kim JH, Jin SG, Kim DW, Kim DS, Kim JO, Yong CS, Cho KH, Li DX, Woo JS, and Choi HG. 2016. Effect of magnesium carbonate on the solubility, dissolution and oral bioavailability of fenofibric acid powder as an alkalising solubilizer. *Archives of Pharmacal Research*. 39(4):531–538.
- Kotak U, Prajapati V, Solanki H, Jani G, and Jha P. 2015. Co-Crystallization Technique Its Rationale and Recent Progress. *World Journal of Pharmacy and Pharmaceutical Sciences*. 1484-1508.
- Kumar A. 2019. Fourier transform infrared spectroscopy: Data interpretation and applications in structure elucidation and analysis of small molecules and nanostructures, *Data Processing Handbook for Complex Biological Data Sources*. Elsevier HS Journals. 77-96.

- Krishnaiah YSR. 2010. Pharmaceutical Technologies for Enhancing Oral Bioavailability of Poorly Soluble Drugs. *Journal of Bioequivalence and Bioavailability*. 2(2):28–36.
- Ling H , John TL , and Daniel H. 2013. A Review of Currently Available Fenofibrate and Fenofibric Acid Formulations. *Cardio. Journal Compilation*. 4(2):47-55.
- Najih YA, Bambang W, Pramudita R, and Ade IM. 2018. Characterization of Meloxicam and Malonic Acid co-crystal Prepared with Slurry Method. *Journal Islamic Pharmaceutical*. 3(2):51-58.
- Newman JM, Papadakis MM, Thompson HW and Lalancette RA. 2002. *Acta Crystallographica: Fenofibric Acid*. C61. o81-o84.
- Nichols D. 2011. Microscopy, In: *Solid State Characterization of Pharmaceuticals*, R.A., Storey., I.Ymen, John Wiley & Sons Ltd. 287-346.
- Nugrahani I, Utamia D, Ibrahima, Nugrahani YP, and Uekusab H. 2018. Zwitterionic cocrystal of diclofenac and L-proline: Structure determination, solubility, kinetics of cocrystallization, and stability study. *European Journal of Pharmaceutical Sciences*. 168-176.
- Nugrahani I, Utamia D, Ibrahima, Nugrahani YP, and Uekusab H. 2020. Composing Novel Diclofenac Potassium and L-Proline Salt Cocrystal as a Strategy to Increase Solubility and Dissolution. *European Journal of Pharmaceutical Sciences*. 3423-3438.
- Noviarty dan Dian A. 2013. Analisis Neodimium Menggunakan Metoda Spektrofotometri UV-VIS. *Pusat Teknologi Bahan Bakar Nuklir BATAN*. 11(4): 9-17.
- Patole T and Deshpande A. 2014. Co–Crystallization- a technique for solubility enhancement. *International Journal Pharmaceutical Science and Research*. 5(9):3566-3576.
- Qiao N, Li M, Schlindwein W, Malek N, Davies A, and Trappitt G. 2011. Pharmaceutical cocrystals: An overview. *International Journal Pharmaceutical*. 419(1-2):1-11.
- Rath NP, Haq W, and Balendiran GK. 2005. Fenofibric acid, *Acta Crystallographica Section C Crystal Structure Communications*. 61(2):81–84.
- Sagala RJ. 2019. Metode Peningkatan Kecepatan Disolusi Dikombinasi Dengan Penambahan Surfaktan (Review: The Different Methods of Enhancing Dissolution Rate by the Present of Surfactant). *Galenika Journal of pharmacy*. 5(1):84-92.

- Setyawan D, dan Zaini E. 2018. Polimorf Bahan Aktif Farmasi. Surabaya, Indonesia. Airlangga University Press.
- Siregar CJP dan Wikarsa S. 2010. Teknologi Farmasi Sediaan Tablet Dasar-Dasar Praktis. Jakarta: Kedokteran EGC.
- Suhartati T. 2013. Dasar- Dasar Spektrofotometri UV-VIS dan Spektrometri Massa Untuk Penentuan Struktur Senyawa Organik. Bandar lampung, Indonesia: Team Anugrah Utama Raharja.
- Sun T, Hall ML, Isbester PK, and Whiteheat BR. 2009. Fenofibric acid polymorph; methods of making; and methods of use thereof. United States Patent Application Publication.
- Sweetman SC. 2009. Martindale, The Complete Drug Reference, 36th Ed. London: The Pharmaceutical Press.
- Thakuria R, Delori A, Jones W, Lipert MP, Roy L, and Rodriguez-hornedo N. 2013. Pharmaceutical Cocystals And Poorly Soluble Drugs. International Journal of Pharmaceutics. 101-125.
- Triani F. 2012. Pengaruh Metode Pembentukan Kokristal Terhadap Laju Pelarutan Karbamazepin Menggunakan Asam Suksinat sebagai Koformer. [Skripsi]. Depok: Fakultas Matematika dan Ilmu Pengetahuan Alam Program Studi Farmasi Universitas Indonesia.
- Vishweshwar PJA, McMahon JA, and Zaworotko M. 2006. Pharmaceutical Co-Crystals. Journal of Pharmaceutical of Science. 95(3):499-516.
- Warono D dan Syamsudin. 2013. Unjuk Kerja Spektrofotometer Untuk Analisa Zat Aktif Ketoprofen. Konversi Jurusan Teknik Kimia Fakultas Teknik Universitas Muhammadiyah. 2(2):57-65.
- Yousaf AM, Ramzan M, Shahzad Y, Mahmood T, and Jamshaid M. 2018. Fabrication and in vitro characterization of fenofibric acid-loaded hyaluronic acid-polyethylene glycol polymeric composites with enhanced drug solubility and dissolution rate. International Journal of Polymeric Materials and Polimeric Biomaterials. 1-7.
- Yadav AV, Shete AS, Dabke AP, Kulkarni PV and Sakhare SS. 2009. Co-crystals: a novel approach to modify physicochemical properties of active pharmaceutical ingredients. Indian Journal Pharmacy Science. 71(4): 359-70.

Zaini E, Halim A, Soewandhi S N, dan Setyawan D. 2011. Peningkatan Laju Pelarutan Trimetoprim Melalui Metode Ko-Kristalisasi dengan Nikotinamida. Jurnal Farmasi Indonesia. 5(4): 205 -212.

