

DAFTAR PUSTAKA

- Abdou, H. M. (1989), *Dissolution, Bioavailability & Bioequivalence*, Mack Publishing, Easton, Pennsylvania. 481.
- Achimastos, A., Liberopoulos, E., Nikas, S., Bairaktari, E., Miltiadous, G., Tsimihodimos, V., & Elisaf, M. (2002). The effects of the addition of micronised fenofibrate on uric acid metabolism in patients receiving indapamide. *Current Medical Research and Opinion*, 18(2), 59–63.
- Ainurofiq, A., Mauludin, R., Mudhakir, D., & Soewandhi, S. (2018). Synthesis, characterization, and stability study of desloratadine multicomponent crystal formation. *Research in Pharmaceutical Sciences*, 13(2), 93–102.
- Alagona, P. (2010). Fenofibric acid: A new fibrate approved for use in combination with statin for the treatment of mixed dyslipidemia. *Vascular Health and Risk Management*, 6(1), 351–362.
- Alatas, F., Soewandhi, S. N., & Sasongko, L. (2014). Kelarutan Dan Stabilitas Kimia Kompleks Didanosin Dengan Nikotinamid Atau L-Arginin. *Jurnal Sains Materi Indonesia*, 15(2), 94–102.
- Alatas, F., Soewandhi, S. N., Sasongko, L., Ismunandar, & Uekusa, H. (2013). Cocrystal formation between didanosine and two aromatic acids. *International Journal of Pharmacy and Pharmaceutical Sciences*, 5(SUPPL 3), 275–280.
- Ahuja, S. & Rasmussen, H., (2007), *HPLC Method Development for Pharmaceuticals*, Elsevier, Academic Press, 111-144.
- Anief, M., (2006), *Ilmu Meracik Obat*, Gadjah Mada University Press, Yogyakarta
- Ansel, H. C., (1989), *Pengantar Bentuk Sediaan Farmasi*, diterjemahkan oleh Ibrahim, F., Edisi keempat, 607-608, Jakarta, Universitas Indonesia Press.
- Barbier, O., Torra, I. P., Duguay, Y., Blanquart, C., Fruchart, J. C., Glineur, C., & Staels, B. (2002). Pleiotropic actions of peroxisome proliferator-activated receptors in lipid metabolism and atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, 22(5), 717–726.
- Bazzo, G. C., Pezzini, B. R., & Stulzer, H. K. (2020). Eutectic mixtures as an approach to enhance solubility, dissolution rate and oral bioavailability of poorly water-soluble drugs. *International Journal of Pharmaceutics*, 588, 119741.
- Burke, R. W.. (1974) “Mechanisms of the Liebermann Burchard and Zak color reactions for cholesterol,” *Clinical Chemistry*, 20(7), hal. 794–801.
- Berry, D. J., Seaton, C. C., Clegg, W., Harrington, R. W., Coles, S. J., Horton, P. N., Hursthouse, M. B., Storey, R., Jones, W., Friščić, T., & Blagden, N. (2008).

- Applying hot-stage microscopy to co-crystal screening: A study of nicotinamide with seven active pharmaceutical ingredients. *Crystal Growth and Design*, 8(5), 1697–1712.
- Blesso, C. N., & Fernandez, M. L. (2018). Dietary cholesterol, serum lipids, and heart disease: Are eggs working for or against you? *Nutrients*, 10(4). <https://doi.org/10.3390/nu10040426>
- Cayman Chemical (2017) “Product Information. Fenofibric Acid,”
Cayman Chemical Company.
- Chadha, K., Karan, M., Chadha, R., Bhalla, Y., & Vasisht, K. (2017). Is Failure of Cocrystallization Actually a Failure? Eutectic Formation in Cocrystal Screening of Hesperetin. *Journal of Pharmaceutical Sciences*, 106(8), 2026–2036.
- Chapman, M. J. (1987). Pharmacology of fenofibrate. *The American Journal of Medicine*, 83(5 SUPPL. 2), 21–25.
- Cherukuvada, S., & Nangia, A. (2012). Fast dissolving eutectic compositions of two anti-tubercular drugs. *CrystEngComm*, 14(7), 2579–2588.
- Chinetti, G., Lestavel, S., Bocher, V., Remaley, A. T., Neve, B., Torra, I. P., Teissier, E., MinNICH, A., Jaye, M., Duverger, N., Brewer, H. B., Fruchart, J. C., Clavey, V., & Staels, B. (2001). PPAR- α and PPAR- γ activators induce cholesterol removal from human macrophage foam cells through stimulation of the ABCA1 pathway. *Nature Medicine*, 7(1), 53–58.
- Childs, S. L., Stahly, G. P., & Park, A. (2007). The salt-cocrystal continuum: The influence of crystal structure on ionization state. *Molecular Pharmaceutics*, 4(3), 323–338.
- Cooper, A., Nutley, M. a., & Wadood, A. (2000). *Protein-Ligand Interactions: hydrodynamics and calorimetry-Differential scanning microcalorimetry*. 287–318.
- Dwichandra Putra, O., Yonemochi, E., & Uekusa, H. (2016). Isostructural Multicomponent Gliclazide Crystals with Improved Solubility. *Crystal Growth and Design*, 16(11), 6568–6573.
- Dalal, N., Buckner, I. S., & Wildfong, P. L. D. (2017). Experimental Determination and Theoretical Calculation of the Eutectic Composition of Cefuroxime Axetil Diastereomers. *AAPS PharmSciTech*, 18(7), 2570–2578.
- Dedhiya, P. P., Chauhan, R. S., Shah, S. A., & Tailor, P. M. (2014). Determination of fenofibric acid (Related substance) in marketed formulations of fenofibrate by RP-HPLC. *Journal of Pharmaceutical Sciences and Research*, 6(10), 313–320.
- DepKes, RI. (2014). *Farmakope Indonesia (5Th Ed)*. In Jakarta.

- Douroumis, D., & Fahr, A. (2013). Drug Delivery Strategies for Poorly Water-Soluble Drugs. *Drug Delivery Strategies for Poorly Water-Soluble Drugs*, 1481–1500.
- Duggirala, N. K., Perry, M. L., Almarsson, Ö., & Zaworotko, M. J. (2016). Pharmaceutical cocrystals: Along the path to improved medicines. *Chemical Communications*, 52(4), 640–655.
- Fernandes, G. J., Kumar, L., Sharma, K., Tunge, R., & Rathnanand, M. (2018). A Review on Solubility Enhancement of Carvedilol—a BCS Class II Drug. *Journal of Pharmaceutical Innovation*, 13(3), 197–212.
- Ferreira, P. O., de Almeida, A. C., dos Santos, É. C., Droppa, R., Ferreira, F. F., Kogawa, A. C., & Caires, F. J. (2020). A norfloxacin-Nicotinic acid cocrystal: Mechanochemical synthesis, thermal and structural characterization and solubility assays. *Thermochimica Acta*, 694(September).
- Fudholi A., 2013, *Disolusi dan Pelepasan Obat In Vitro*, Penerbit Pustaka Pelajar, Yogyakarta.
- Godfrey, A. R., DiGiacinto, J., & Davis, M. W. (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.
- Górnjak, A., Wojakowska, A., Karolewicz, B., & Pluta, J. (2011). Phase diagram and dissolution studies of the fenofibrate-acetylsalicylic acid system. *Journal of Thermal Analysis and Calorimetry*, 104(3), 1195–1200. <https://doi.org/10.1007/s10973-010-1148-3>
- Ghosh, T., Juturu, T., Nagar, S. N., & Kamath, S. (2021). Cocrystals of Modafinil-nicotinic acid: A Novel Cocrystal for Enhanced Bioavailability. *Proceedings*, 62(1), 12.
- Grothe, E., Meekes, H., Vlieg, E., Ter Horst, J. H., & De Gelder, R. (2016). Solvates, Salts, and Cocrystals: A Proposal for a Feasible Classification System. *Crystal Growth and Design*, 16(6), 3237–3243. Guyton, A. C., Hall, J. E., 2014. *Buku Ajar Fisiologi Kedokteran*. Edisi 12. Jakarta : EGC, 1022
- Ganong, W. F., 2008. *Buku Ajar Fisiologi Kedokteran*. Edisi 22. Jakarta : EGC , 280- 81.
- Gandjar, I.G., dan Rohman, A., (2013). *Analisis Obat Secara Spektrofotometri dan Kromatografi*. Yogyakarta : Pustaka Pelajar
- Harmita, 2004, *Petunjuk Pelaksanaan Validasi Metode dan Cara Perhitungannya*, Review Artikel, *Majalah Ilmu Kefarmasian*, Vol. I, No.3, 117 - 135
- Haneef, J., & Chadha, R. (2018). Antioxidant-Based Eutectics of Irbesartan: Viable

- Multicomponent Forms for the Management of Hypertension. *AAPS PharmSciTech*, 19(3), 1191–1204.
- Harmonised, I. C. H. dan Guideline, T. (1994) “Validation of Analytical Procedures : Text and Methodology,” ICH Harmonised Tripartite Guideline
- Higuchi, T. (1963). Mechanism of sustained-action medication. Theoretical analysis of rate of release of solid drugs dispersed in solid matrices. *Journal of Pharmaceutical Sciences*, 52(12), 1145–1149.
- Indra, P., Zaini, E., Ismed, F., & Lucida, H. (2020). *Preparation and characterization of quercetin-polyvinylpyrrolidone K-30 spray dried solid dispersion*. 8(10), 127–134.
- Information, N. (2016). *Niacin 1,2, 1*, 556–558. <https://doi.org/10.3945/an.115.011239>
- ICH Harmonised Tripartite Guideline. (2018). Q1F Stability Data Package for Registration Applications in Climatic Zones III and IV. ICH Harmonised Tripartite Guideline, 52(1010), 309–352.
- Jayasankar, A., Somwangthanoj, A., Shao, Z. J., & Rodríguez-Hornedo, N. (2006). Cocrystal formation during cogrinding and storage is mediated by amorphous phase. *Pharmaceutical Research*, 23(10), 2381–2392.
- Jones, P. H. (2009). Fenofibric acid plus statin combination therapy for the treatment of mixed dyslipidemia. *Clinical Lipidology*, 4(6), 699–711.
- Kalepu, S., & Nekkanti, V. (2015). Insoluble drug delivery strategies: Review of recent advances and business prospects. *Acta Pharmaceutica SiNICa B*, 5(5), 442–453.
- Kamiya, Y., Takaku, H., Yamada, R., Akase, C., Abe, Y., Sekiguchi, Y., Murayama, N., Shimizu, M., Kitajima, M., Shono, F., Funatsu, K., & Yamazaki, H. (2020). Determination and prediction of permeability across intestinal epithelial cell monolayer of a diverse range of industrial chemicals/drugs for estimation of oral absorption as a putative marker of hepatotoxicity. *Toxicology Reports*, 7(October 2019), 149–154.
- Karagianni, A., Malamataris, M., & Kachrimanis, K. (2018). Pharmaceutical cocrystals: New solid phase modification approaches for the formulation of APIs. *Pharmaceutics*, 10(1), 1–30.
- Katzung, B. dan Trevor, A. (2015) “Katzung’s Basic & Clinical Pharmacology,” Basic and clinical Pharmacology, hal. 313–329.
- Keating, G. M. (2011). Fenofibrate: A review of its lipid-modifying effects in dyslipidemia and its vascular effects in type 2 diabetes mellitus. *American Journal of Cardiovascular Drugs*, 11(4), 227–247. <https://doi.org/10.2165/11207690-000000000-00000>

- Kelly, D. P. (2001). The Pleiotropic Nature of the Vascular PPAR Gene Regulatory Pathway Daniel P. Kelly *Circ Res.* 2001;89:935-937. *Circulation Research*, 89, 935–937. <https://doi.org/10.1161/hh2301.101005>
- Kim, K. S., Kim, J. H., Jin, S. G., Kim, D. W., Kim, D. S., Kim, J. O., Yong, C. S., Cho, K. H., Li, D. X., Woo, J. S., & Choi, H. G. (2016). Effect of magnesium carbonate on the solubility, dissolution and oral bioavailability of fenofibric acid powder as an alkalising solubilizer. *Archives of Pharmacol Research*, 39(4), 531–538. <https://doi.org/10.1007/s12272-015-0701-9>
- Kotak, U., Prajapati, V., Solanki, H., Jani, G., & Jha, P. (2015). Co-crystallization Technique-Its rationale and recent progress. *World Journal of Pharmacy and Pharmaceutical Sciences*, 4(04), 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.
- Lapidus, H., & Lordi, N. G. (1968). Drug release from compressed hydrophilic matrices. *Journal of Pharmaceutical Sciences*, 57(8), 1292–1301. <https://doi.org/10.1002/jps.2600570803>
- Li, N., Sui, Z., Liu, Y., Wang, D., Ge, G., & Yang, L. (2018). A fast screening model for drug permeability assessment based on native small intestinal extracellular matrix. *RSC Advances*, 8(60), 34514–34524. <https://doi.org/10.1039/C8RA05992F>
- Ling. (2013). A Review of Currently Available Fenofibrate and Fenofibric Acid Formulations. *Cardiology Research*, 4(2), 47–55. <https://doi.org/10.4021/cr270w>
- Martin, A., Swarbrick, J., dan A. Cammarata. 1993. *Farmasi Fisik 2*. Edisi III. Jakarta: UI Press. Pp. 940-1010, 1162, 1163, 1170.
- Menkes RI, 2013, Peraturan Menteri Kesehatan No 87 tahun 2013 Tentang Peta Jalan Pengembangan Bahan baku Obat
- Munoz, A., Guichard, J. P., & Reginault, P. (1994). Micronised fenofibrate. *Atherosclerosis*, 110(SUPPL.), 45–48. [https://doi.org/10.1016/0021-9150\(94\)05375](https://doi.org/10.1016/0021-9150(94)05375)
- Murray, R.K., Granner, D.K., dan Rodwell, V.W., 2009. *Biokimia Harper*. Edisi 25. Penerbit Buku Kedokteran EGC.
- Number, P., Information, P., Specification, T., Information, S., & Information, T. (1920). *Product Information Product Information*. 14998, 1919–1920.
- P Chavda, V. (2017). *Biological Classification System (BCS); with a New Perspective*.

- MOJ Bioequivalence & Bioavailability*, 3(4), 108–109.
<https://doi.org/10.15406/mojbb.2017.03.00043>
- Padrela, L., De Azevedo, E. G., & Velaga, S. P. (2012). Powder X-ray diffraction method for the quantification of cocrystals in the crystallization mixture. *Drug Development and Industrial Pharmacy*, 38(8), 923–929.
<https://doi.org/10.3109/03639045.2011.633263>
- Patole, T., & Deshpande, A. (2014). Co-Crystallization-a Technique for Solubility Enhancement. *International Journal of Pharmaceutical Sciences and Research*, 5(9), 3566. [https://doi.org/10.13040/IJPSR.0975-8232.5\(9\).3566-76](https://doi.org/10.13040/IJPSR.0975-8232.5(9).3566-76)
- Pereira-da-silva, M. D. A. (2017). 1 - Scanning Electron Microscopy. 1–35.
- Putra, O. D., Furuishi, T., Yonemochi, E., Terada, K., & Uekusa, H. (2016). Drug-Drug Multicomponent Crystals as an Effective Technique to Overcome Weaknesses in Parent Drugs. *Crystal Growth and Design*, 16(7), 3577–3581.
<https://doi.org/10.1021/acs.cgd.6b00639>
- Pradana, M. S. dan Suryanto, I. (2017) “Terapi Hiperkolesterol pada Mencit (Mus musculus) strain Balb/C Betina Umur 2 Bulan Menggunakan Sari Bawang Putih,” *Biota*, 3(2), hal. 71. doi: 10.19109/biota.v3i2.1313.
- Prouscky, J., Millman, C. G., & Kirkland, J. B. (2011). Pharmacologic use of niacin. *Complementary Health Practice Review*, 16(2), 91–101
<https://doi.org/10.1177/2156587211399579>
- Qiao, N., Li, M., Schlindwein, W., Malek, N., Davies, A., & Trappitt, G. (2011). Pharmaceutical cocrystals: An overview. *International Journal of Pharmaceutics*, 419(1–2), 1–11. <https://doi.org/10.1016/j.ijpharm.2011.07.037>
- Ravisankar, P. *et al.* (2015) “A Review on Step-by-Step Analytical Method Validation,” *IOSR Journal Of Pharmacy*, 5(10), hal. 7–19.
- Ronald, A. Sacher. (2004). *Tinjauan Klinis Hasil Pemeriksaan Laboratorium*. Jakarta: Gramedia Pustaka Utama.
- Sabri, L & Hastono, S.P. (2018), *Statistik Kesehatan*; (9th Ed); Rajawali Press
- Samaha, D., Shehayeb, R., & Kyriacos, S. (2009). Modeling and comparison of dissolution profiles of diltiazem modified-release formulations. *Dissolution Technologies*, 16(2), 41–46. <https://doi.org/10.14227/DT160209P41>
- Savjani, K. T., Gajjar, A. K., & Savjani, J. K. (2012). Drug Solubility: Importance and Enhancement Techniques. *ISRN Pharmaceutics*, 2012(100 mL), 1–10.
<https://doi.org/10.5402/2012/195727>
- Saha, S., & Desiraju, G. R. (2018). Acid···Amide Supramolecular Synthons in Cocrystals:

- From Spectroscopic Detection to Property Engineering. *Journal of the American Chemical Society*, 140(20), 6361–6373. <https://doi.org/10.1021/jacs.8b02435>
- Sekiguchi, K., Obi, N., 1961. Studies on Absorption of Eutectic Mixture. I. A Comparison of the Behavior of Eutectic Mixture of Sulfathiazole and that of Ordinary Sulfathiazole in Man. *Chem. Pharm. Bull. (Tokyo)*. 9, 866–872. <https://doi.org/10.1248/cpb.9.866>
- Sanphui, P., Devi, V. K., Clara, D., Malviya, N., Ganguly, S., & Desiraju, G. R. (2015). Cocrystals of hydrochlorothiazide: Solubility and diffusion/permeability enhancements through drug-coformer interactions. *Molecular Pharmaceutics*, 12(5), 1615–1622. <https://doi.org/10.1021/acs.molpharmaceut.5b00020>
- Setyari, P. R., Wirasutha, I. G. dan Junitha, I. K. (2008) “Metode Analisis Kualitatif Dan Kuantitatif LDL-C (Rosi S ., Gelgel W ., Junitha) Metode Analisis Kualitatif Dan Kuantitatif LDL-C (Rosi S ., Gelgel W ., Junitha),” hal. 24–30.
- Shargel, L., Yu, A., and Wu, S., 2005, *Biofarmasetika dan Farmakokinetika Terapan*, Edisi kedua, Airlangga University Press, Surabaya. 167 – 187.
- Systems, M. (n.d.). Chapter Outline : Phase Diagrams A single-phase system is called homogeneous , systems with two or more phases are mixtures or. 1–57.
- Sopyan, I., Fudholi, A., Muchtaridi, M., & Sari, I. P. (2017). Simvastatin-Nicotinamide co-crystal: Design, preparation and preliminary characterization. *Tropical Journal of Pharmaceutical Research*, 16(2), 297–303. <https://doi.org/10.4314/tjpr.v16i2.6>
- Staels, B., Dallongeville, J., Auwerx, J., Schoonjans, K., Leitersdorf, E., & Fruchart, J. C. (1998). Mechanism of action of fibrates on lipid and lipoprotein metabolism. *Circulation*, 98(19), 2088–2093. <https://doi.org/10.1161/01.CIR.98.19.2088>
- Stoler, E., & Warner, J. C. (2015). Non-Covalent derivatives: Cocrystals and eutectics. *Molecules*, 20(8), 14833–14848. <https://doi.org/10.3390/molecules200814833>
- Suhery, W. N., Sumirtapura, Y. C., Pamudji, J. S., & Mudhakar, D. (2020). Development and characterization of self-nanoemulsifying drug delivery system (Snedds) formulation for enhancing dissolution of fenofibric acid. *Journal of Research in Pharmacy*, 24(5), 738–747. <https://doi.org/10.35333/jrp.2020.227>
- Susan Marie Schima. (2011). Fenofibric Acid: Safety and Efficacy in the Treatment of Dyslipidemia, Hypertriglyceridemia and Hyperlipidemia. *Clinical Medicine Reviews in Vascular Health*, 3, 99–105. <https://doi.org/10.4137/cmrvh.s5041>
- Suzuki, Y., Muangnoi, C., Thaweeseet, W., Teerawonganan, P., Ratnatilaka, P., Bhuket, N., Titapiwatanakun, V., Yoshimura-fujii, M., Sritularak, B., Likhitwitayawuid, K., Rojsitthisak, P., & Fukami, T. (2019). *Exploring Novel Cocrystalline Forms of*

Oxyresveratrol to Enhance Aqueous Solubility and Permeability across a Cell Monolayer. 42(6), 1004–1012

- Tanaka, K. (1977). NII-ElectroNIC Library Service. Chemical Pharmaceutical Bulletin, 57(534), 364–370. <http://www.mendeley.com/research/geology-volcanic-history-eruptive-style-yakedake-volcano-group-central-japan/>
- Tepzz, T., & Hyun, J. (2017). Tepzz 558z77b_t (11). 1(19), 1–21.
- Thakuria, R., Delori, A., Jones, W., Lipert, M. P., Roy, L., & Rodríguez-Hornedo, N. (2013). Pharmaceutical cocrystals and poorly soluble drugs. *International Journal of zPharmaceutics*, 453(1), 101–125. <https://doi.org/10.1016/j.ijpharm.2012.10.043>
- Tojic, J., Benoit-Biancamano, M. O., Court, M. H., Straka, R. J., Caron, P., & Guillemette, C. (2009). In vitro glucuronidation of fenofibric acid by human UDP-glucuronosyltransferases and liver microsomes. *Drug Metabolism and Disposition*, 37(11), 2236–2243. <https://doi.org/10.1124/dmd.109.029058>
- Trask, A. V., & Jones, W. (2005). Crystal engineering of organo cocrystals by the solid-state grinding approach. *Topics in Current Chemistry*, 254, 41–70. <https://doi.org/10.1007/b100995>
- Tsume, Y., Mudie, D. M., Langguth, P., Amidon, G. E., & Amidon, G. L. (2014). The Biopharmaceutics Classification System: Subclasses for in vivo predictive dissolution (IPD) methodology and IVIVC. *European Journal of Pharmaceutical Sciences*, 57(1), 152–163. <https://doi.org/10.1016/j.ejps.2014.01.009>
- Tziomalos, K., & Athyros, V. G. (2006). Fenofibrate: A novel formulation (Triglide™) in the treatment of lipid disorders: A review. *International Journal of Nanomedicine*, 1(2), 129–147. <https://doi.org/10.2147/nano.2006.1.2.129>
- Us, I. L., Long, M. A., Us, I. L., Morris, J. B., & Boyer, M. (2007). *United States Patent Cink et a J. SALTS OF FENOFIBRIC ACID AND (45) Date of Patent : 2(12)*.
- USP 32 – NF 27, 2009, United States Pharmacopeia and The National Formulary, Rockville (MD): The United States Pharmacopeial Convention.
- Vogt, M., Kunath, K., & Dressman, J. B. (2008). Dissolution enhancement of fenofibrate by micronization, cogrinding and spray-drying: Comparison with commercial preparations. *European Journal of Pharmaceutics and Biopharmaceutics*, 68(2), 283–288. <https://doi.org/10.1016/j.ejpb.2007.05.010>
- Vogel, G. (2002) *Drug Discovery and Evaluation Pharmacological Assays Second Edition, Human & Experimental Toxicology*.
- Wang, L., Tan, B., Zhang, H., & Deng, Z. (2013). Pharmaceutical cocrystals of diflunisal with nicotinamide or isonicotinamide. *Organic Process Research and Development*, 17(11), 1413–1418. <https://doi.org/10.1021/op400182k>

- Wei, X., Li, P., Liu, M., Du, Y., Wang, M., Zhang, J., Wang, J., Liu, H., & Liu, X. (2017). Absolute oral bioavailability of fenofibric acid and choline fenofibrate in rats determined by ultra-performance liquid chromatography tandem mass spectrometry. *Biomedical Chromatography*, *31*(4). <https://doi.org/10.1002/bmc.3832>
- Weil, A., Caldwell, J. O. H. N., & Strolin-Benedetti, M. A. R. G. H. E. R. I. T. A. (1990). The metabolism and disposition of ¹⁴C-fenofibrate in human volunteers. *Drug metabolism and disposition*, *18*(1), 115-120.
- Windriyati, Y. N., Sumirtapura, Y. C., & Pamudji, J. S. (2020). Comparative in vitro and in vivo evaluation of fenofibric acid as an antihyperlipidemic drug. *Turkish Journal of Pharmaceutical Sciences*, *17*(2), 203–210
- Yang, J., & Adams, J. (2005). Nicotinamide and its Pharmacological Properties for Clinical Therapy. *Drug Design Reviews-Online*, *1*(1), 43–52. <https://doi.org/10.2174/1567269043480726>
- Yamashita, H., Hirakura, Y., Yuda, M., Teramura, T., & Terada, K. (2013). Detection of cocrystal formation based on binary phase diagrams using thermal analysis. *Pharmaceutical Research*, *30*(1), 70–80. <https://doi.org/10.1007/s11095-012-0850-1>
- Yousaf, A. M., Ramzan, M., Shahzad, Y., Mahmood, T., & Jamshaid, M. (2019). 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 Polymeric Biomaterials*, *68*(9), 510–515. <https://doi.org/10.1080/00914037.2018.1466137>
- Yuliandra, Y., Zaini, E., Syofyan, S., Pratiwi, W., Putri, L. N., Pratiwi, Y. S., & Arifin, H. (2018). Cocrystal of ibuprofen–Nicotinamide: Solid-state characterization and in vivo analgesic activity evaluation. *Scientia Pharmaceutica*, *86*(2). <https://doi.org/10.3390/scipharm86020023>
- Zaini, E., Halim, A., Soewandhi, S. N., & Dwi Setyawan. (2011). Peningkatan Laju Pelarutan Trimetoprim Melalui Metode Ko-Kristalisasi Dengan Nikotinamid. *Jurnal Farmasi Indonesia*, *5*(July), 206–212.
- Zhou, W., Apkarian, R., Wang, Z. L., & Joy, D. (2007). Fundamentals of scanning electron microscopy (SEM). *Scanning Microscopy for Nanotechnology: Techniques and Applications*, 1–40. https://doi.org/10.1007/978-0-387-39620-0_1
- Zhu, T., Ansquer, J. C., Kelly, M. T., Sleep, D. J., & Pradhan, R. S. (2010). Comparison of the gastrointestinal absorption and bioavailability of fenofibrate and fenofibric acid in humans. *Journal of Clinical Pharmacology*, *50*(8), 914–921. <https://doi.org/10.1177/0091270009354995>

