

DAFTAR PUSTAKA

- Abdullah, A., Mutmainnah, & Wikantyasnning, E. R. (2022). Cocrystals of Cefixime with Nicotinamide: Improved Solubility, Dissolution, and Permeability. *Indonesian J Pharm* (Vol. 33, Issue 3).
- Agrawal, G. P., Maheshwari, R. K., & Mishra, P. (2022). Solubility Enhancement of Cefixime Trihydrate by Solid Dispersions Using Hydrotropic Solubilization Technique and Their Characterization. *Brazilian Journal of Pharmaceutical Sciences*, 58. <https://doi.org/10.1590/s2175-97902020000118553>
- Amir, R. M., Anjum, F. M., Khan, M. I., Khan, M. R., Pasha, I., & Nadeem, M. (2013). Application of Fourier transform infrared (FTIR) Spectroscopy for The Identification of Wheat Varieties. *Journal of Food Science and Technology*, 50(5), 1018–1023. <https://doi.org/10.1007/s13197-011-0424-y>
- Anggraeni, N., D. (2008). *Analisa SEM (Scanning Electron Microscopy) dalam Pemantauan Proses Oksidasi Magnetite Menjadi Hematite*. ISSN 1693-3168.
- Bond, A. (2019). Pharmaceutical Crystallography: A Guide to Structure and Analysis. Royal Society of Chemistry. www.rsc.org
- Bunaciu, A. A., Udriștioiu, E. G., & Aboul-Enein, H. Y. (2015). X-Ray Diffraction: Instrumentation and Applications. *Critical Reviews in Analytical Chemistry*, (Vol. 45, Issue 4, pp. 289–299). <https://doi.org/10.1080/10408347.2014.949616>
- Dachriyanus. (2017). *Analisis Struktur Senyawa Organik Secara Spektroskopi*. Sumatera Barat: LPTIK Universitas Andalas.
- Desai, P. S., & Pore, Y. V. (2016). Physicochemical Characterization of Spray Dried Cefixime Polymeric Nanoparticles Using Factorial Design Approach. *Journal of Applied Pharmaceutical Science*, 6(4), 124–132. <https://doi.org/10.7324/JAPS.2016.60417>
- Dengale, S. J., Hussen, S. S., Krishna, B. S. M., Musmade, P. B., Gautham Shenoy, G., & Bhat, K. (2015). Fabrication, Solid State Characterization and

- Bioavailability Assessment of Stable Binary Amorphous Phases of Ritonavir with Quercetin. *European Journal of Pharmaceutics and Biopharmaceutics*, 89, 329–338. <https://doi.org/10.1016/j.ejpb.2014.12.025>
- Dewi, F. A., Sopyan, I., & Rusdiana, T. (2021). Pemilihan Jenis Koformer dan Metode Preparasi dalam Sistem Penghantaran Sediaan Ko-Amorf. *Jurnal Sains Farmasi & Klinis*, 8(3), 242. <https://doi.org/10.25077/jsfk.8.3.242-257.2021>
- Hairunnisa, Sopyan, I., & Gozali, D. (2019). Cocrystal: Nicotinamide as The Coformer. *Jurnal Ilmiah Farmako Bahari*, 10(2), 113-122. www.journal.uniga.ac.id.
- Hakim, M., L., N., & Rusdiana, T. (2022). Sistem Penghantaran Obat Ko-Amorf: Preparasi dan Pemilihan Koformer Co-Amorph Drug Delivery System: Preparation and Selection of Coformers. *Farmasains*, 9(2), 77-86.
- Holder, C. F., & Schaak, R. E. (2019). Tutorial on Powder X-ray Diffraction for Characterizing Nanoscale Materials. In *ACS Nano* (Vol. 13, Issue 7, pp. 7359–7365). <https://doi.org/10.1021/acsnano.9b05157>
- Hussein, L. A., Hussien, E. M., Magdy, N., & Mohamed, H. S. (2017). Simultaneous Estimation of Ofloxacin and Cefixime in Tablet Form in Presence of the inactive Ofloxacin USP Related Compound A. *Bulletin of Faculty of Pharmacy, Cairo University*, 55(1), 171–176. <https://doi.org/10.1016/j.bfopcu.2017.01.004>
- Indra, I., Fauzi, A., & Aryani, R. (2019). Karakterisasi dan Uji Disolusi Aspirin Hasil Rekrystalisasi Penguin Pelarut. *Jurnal Sains Farmasi & Klinis*, 6(2), 164. <https://doi.org/10.25077/jsfk.6.2.164-170.2019>
- Indra, Aini, N., Yulianti, R., Trisna Wulandari, W., & Ida Cahyati, K. (2021). Kokristalisasi Aspirin Dan Asam Tartrat Dengan Metode Penguapan Pelarut. *Journal of Pharmacopolium*, (Vol. 4, Issue 3).
- Issa, M. G., & Ferraz, H. G. (2011). Intrinsic Dissolution as A Tool for Evaluating Drug Solubility in Accordance with The Biopharmaceutics Classification

- System. *Dissolution Technologies*, 18(3), 6–13.
<https://doi.org/10.14227/DT180311P6>
- Jensen, K. T., Löbmann, K., Rades, T., & Grohganz, H. (2014). Improving Co-Amorphous Drug Formulations by the Addition of the Highly Water Soluble Amino Acid, Proline. *Pharmaceutics*, 6(3), 416–435.
<https://doi.org/10.3390/pharmaceutics6030416>
- Karagianni, A., Kachrimanis, K., & Nikolakakis, I. (2018). Co-amorphous Solid Dispersions for Solubility and Absorption Improvement of Drugs: Composition, Preparation, Characterization and Formulations for Oral Delivery. *Pharmaceutics* (Vol. 10, Issue 3).
<https://doi.org/10.3390/pharmaceutics10030098>
- Kemenkes RI. (2020). Farmakope Indonesia Edisi VI. Kementerian Kesehatan Republik Indonesia.
- Korhonen, O., Pajula, K., & Laitinen, R. (2017). Rational Excipient Selection for Co-Amorphous Formulations. *Expert Opinion on Drug Delivery* (Vol. 14, Issue 4, pp. 551–569). <https://doi.org/10.1080/17425247.2016.1198770>
- Kumar, D. (2021). *Development of Novel Cefixime Cocrystal with Different Coformers for the Enhancement of Solubility* (Vol. 21, Issue 2). www.ijppr.humanjournals.com
- Löbmann, K., Strachan, C., Grohganz, H., Rades, T., Korhonen, O., & Laitinen, R. (2012). Co-Amorphous Simvastatin and Glipizide Combinations Show Improved Physical Stability Without Evidence of Intermolecular Interactions. *European Journal of Pharmaceutics and Biopharmaceutics*, 81(1), 159–169.
<https://doi.org/10.1016/j.ejpb.2012.02.004>
- Mishra, D., & Kamal, M. (2022). Poly (N-Vinylcarbazole) And (A-Polymethylstyrene) Based Semi Interpenetrating Polymer Network: Synthesis and Characterization. *Journal of Advanced Scientific Research*, 13(01), 319–326. <https://doi.org/10.55218/jasr.202213137>

- Moinuddin, S. M., Shi, Q., Tao, J., Guo, M., Zhang, J., Xue, Q., Ruan, S., & Cai, T. (2020). Enhanced Physical Stability and Synchronized Release of Febuxostat and Indomethacin in Coamorphous Solids. *AAPS PharmSciTech*, 21(2). <https://doi.org/10.1208/s12249-019-1578-6>
- Montenegro, R. (n.d.). *Crystallization, biomimetics and semiconducting polymers in confined systems. (German Title: Kristallisation, Biomimetik und halbleitende Polymere in räumlich begrenzten Systemen)*. <https://www.researchgate.net/publication/241537477>
- Permatasari, D., Ramadhani, S., & Sopyan, I. (2016). Ko-Kristal: Teknik Pembuatan Ko-Kristal. *Farmaka*, 14(4).
- Pindelska, E., Sokal, A., & Kolodziejski, W. (2017). Pharmaceutical Cocrystals, Salts and Polymorphs: Advanced Characterization Techniques. *Advanced Drug Delivery Reviews* (Vol. 117, pp. 111–146). <https://doi.org/10.1016/j.addr.2017.09.014>
- Shafira, & Destiani, D., P. (2018). Review Artikel: Kokristalisasi Metode Solvent Evaporation Dan Dry Grinding. *Farmaka*, 16(3), 262-273.
- Setiati, R., Siregar, S., Marhaendrajana, T., & Wahyuningrum, D. (2018). Pengaruh Wettability Surfaktan Nals Ampas Tebu Pada Batuan Sandstone Dalam Proses Enhanced Oil Recovery (Eor). *Prosiding Seminar Nasional Pakar*, 1–8. <https://doi.org/10.25105/pakar.v0i0.2596>.
- Sulistyani, M., & Huda, N. (2018). Indonesian Journal of Chemical Science Perbandingan Metode Transmisi dan Reflektansi pada Pengukuran Polistirena Menggunakan Instrumentasi Spektroskopi Fourier Transform Infrared. *J. Chem. Sci* (Vol. 7, Issue 2). <http://journal.unnes.ac.id/sju/index.php/ijcs>
- Susanti, I. (2019). Review: Pengaruh Medium Disolusi dan Upaya Peningkatan Permeabilitas Metformin. *Farmaka*, 17(1), 97-106.
- Tjioe, F. R., Winantari, A. N., & Rizky, A. (2021). Kokristalisasi Hesperidin-Nikotinamida Dengan Slurry Method. *Jurnal Farmasi Galenika*, 8(1), 1-10.

- Tran, P., Pyo, Y. C., Kim, D. H., Lee, S. E., Kim, J. K., & Park, J. S. (2019). Overview of The Manufacturing Methods of Solid Dispersion Technology for Improving the Solubility of Poorly Water-Soluble Drugs and Application to Anticancer Drugs. *Pharmaceutics* (Vol. 11, Issue 3). <https://doi.org/10.3390/pharmaceutics11030132>
- Wicaksono, Y., Setyawan, D., Siswandono, & Siswoyo, T. A. (2019). Preparation and Characterization of a Novel Cocrystal of Atorvastatin Calcium with Succinic Acid Coformer. *Indonesian Journal of Chemistry*, 19(3), 660–667. <https://doi.org/10.22146/ijc.35801>
- Wijayanto, S., O., & Bayuseno A., P. (2014). Analisis Kegagalan Material Pipa Ferrule Nickel Alloy N06025 Pada Waste Heat Boiler Akibat Suhu Tinggi Berdasarkan Pengujian: Mikrografi Dan Kekerasan. *Jurnal Teknik Mesin S-I*, 2(1).
- Wishart, D. S., Knox, C., Guo, A. C., Shrivastava, S., Hassanali, M., Stothard, P., Chang, Z., & Woolsey, J. (2006). DrugBank: a Comprehensive Resource for in Silico Drug Discovery and Exploration. *Nucleic Acids Research*, 34. <https://doi.org/10.1093/nar/gkj067>
- Zhang, M., Chu, L., Chen, J., Qi, F., Li, X., Chen, X., & Yu, D. G. (2024). Asymmetric wettability fibrous membranes: Preparation and biologic applications. *Composites Part B: Engineering*. <https://doi.org/10.1016/j.compositesb.2023.111095>