DAFTAR PUSTAKA

Akash, M. S. H., & Rehman, K. (2019). Essentials of pharmaceutical analysis. In *Essentials of Pharmaceutical Analysis*. Springer Singapore. https://doi.org/10.1007/978-981-15-1547-7

Arslan, A., Yet, B., Nemutlu, E., Akdağ Çaylı, Y., Eroğlu, H., & Öner, L. (2023). Celecoxib Nanoformulations with Enhanced Solubility, Dissolution Rate, and Oral Bioavailability: Experimental Approaches over In Vitro/In Vivo Evaluation. *Pharmaceutics*, *15*(2). https://doi.org/10.3390/pharmaceutics15020363

BPOM. (n.d.). *Badan Pengawasan Obat dan Makanan Republik Indonesia*.

Bunaciu, A. A., Udriştioiu, E. gabriela, & Aboul-Enein, H. Y. (2015). X-Ray Diffraction: Instrumentation and Applications. In *Critical Reviews in Analytical Chemistry* (Vol. 45, Issue 4, pp. 289–299). Taylor and Francis Ltd. https://doi.org/10.1080/10408347.2014.949616

Chen, H., Paul, S., Xu, H., Wang, K., Mahanthappa, M. K., & Sun, C. C. (2020). Reduction of Punch-Sticking Propensity of Celecoxib by Spherical Crystallization via Polymer Assisted Quasi-Emulsion Solvent Diffusion. *Molecular Pharmaceutics*, *17*(4), 1387–1396. https://doi.org/10.1021/acs.molpharmaceut.0c00086

Chen, H., Wang, C., Liu, S., & Sun, C. C. (2020). Development of piroxicam mini-tablets enabled by spherical cocrystallization. *International Journal of Pharmaceutics*, *590*. https://doi.org/10.1016/j.ijpharm.2020.119953

Chow, S. F., Chen, M., Shi, L., Chow, A. H. L., & Sun, C. C. (2012). Simultaneously improving the mechanical properties, dissolution performance, and hygroscopicity of ibuprofen and flurbiprofen by cocrystallization with nicotinamide. *Pharmaceutical Research*, *29*(7), 1854–1865. https://doi.org/10.1007/s11095-012-0709-5

Depkes RI. (2014). *Farmakope Indonesia Edisi V*.

Depkes RI. (2020). *Farmakope Indonesia Edisi VI 2020 Kementrian Kesehatan Republik Indonesia* (2020th ed.).

Dr. Yandi Syukri. (2018). *Teknologi Sediaan Obat Dalam Bentuk Solid*.

Fahmi Arwangga, A., Ayu Raka Astiti Asih, I., & Wayan Sudiarta, dan I. (2004). Analisis Kandungan Kkafein Pada Kopi Di Desa Swsaot Narmada Menggunakan Sepektrofotometri UV-Vis. In *JURNAL KIMIA* (Vol. 10, Issue 1).

Fahmi Arwangga, A., Ayu Raka Astiti Asih, I., & Wayan Sudiarta, dan I. (2016). ANALISIS KANDUNGAN KAFEIN PADA KOPI DI DESA SESAOT NARMADA MENGGUNAKAN SPEKTROFOTOMETRI UV-VIS. In *JURNAL KIMIA* (Vol. 10, Issue 1).

Freire E. (1995). *Differential Scanning Calorimetry Ernest Freire*.

Gong, L., Thorn, C. F., Bertagnolli, M. M., Grosser, T., Altman, R. B., & Klein, T. E. (2012). Celecoxib pathways: Pharmacokinetics and pharmacodynamics. In *Pharmacogenetics and Genomics* (Vol. 22, Issue 4, pp. 310–318). Lippincott Williams and Wilkins. https://doi.org/10.1097/FPC.0b013e32834f94cb

Gupta, V. R., Mutalik, S., Patel, M. M., & Jani, G. K. (2007). Spherical crystals of celecoxib to improve solubility, dissolution rate and micromeritic properties. *Acta Pharmaceutica*, *57*(2), 173–184. https://doi.org/10.2478/v10007-007-0014-8

Isnaeni, N. L., Trisna Wulandari, W., & Alifiar, I. (2021). *Pembuatan dan Karakterisasi Kokristal Kurkumin dengan Asam Askorbat sebagai Koformer*.

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

Jansook, P., Kulsirachote, P., & Loftsson, T. (2018). Cyclodextrin solubilization of celecoxib: solid and solution state characterization. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, *90*(1–2), 75–88. https://doi.org/10.1007/s10847-017-0769-6

Jawahar, N., Meyyanathan, S. N., Senthil, V., Gowthamarajan, K., & Elango, K. (n.d.). *Studies on Physico-Chemical and Pharmacokinetic Properties of Olanzapine through Nanosuspension*.

Kumar, A., Singh, P., & Nanda, A. (2020). Hot stage microscopy and its applications in pharmaceutical characterization. In *Applied Microscopy* (Vol. 50, Issue 1). Springer. https://doi.org/10.1186/s42649-020-00032-9

Lin, K., Wang, Y., & Yu, Q. (2021). Cocrystallization from ibuprofen–nicotinamide vapor phase mixture in the absence and presence of seeds. *Journal of Crystal Growth*, *570*. https://doi.org/10.1016/j.jcrysgro.2021.126229

Mendis, N. P., Li, J., & Lakerveld, R. (2023). Integrated Selection of Coformers, Solvents, and Operating Conditions for Optimal Process and Product Performance of

Pharmaceutical Cocrystals. *Industrial and Engineering Chemistry Research*. https://doi.org/10.1021/acs.iecr.3c02168

Najih, Y. A., Widjaja, B., Rakhma, D. N., & Satrio, A. (n.d.). Desember Tahun 2022 25 |. *Universitas Anwar Medika J-PhAM Journal of Pharmaceutical Care Anwar Medika*, *5*(1).

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

Permatasari, D., Ramadhani, S., & Sopyan, I. (2016). *Farmaka Ko-kristal: Teknik Pembuatan Ko-kristal*.

Putri Peratiwi, R., Alatas, F., Wahyuni, F., Sugandi, R., Ratih, H., Hermanto Fakultas Farmasi, F., Jenderal Achmad Yani, U., & Terusan Sudirman, J. (2016). *Pengaruh Pembentukan Ko-kristal Pipimetamin-Asam Fumarat Terhadap Kelarutan Dan Laju Disolusinya*. *4*(1), 31–36.

Putri, S. S., Darusman, F., & Hidayat, A. F. (2023). Pembentukan Kokristal Sebagai Upaya Peningkatan Kelarutan dan Laju Disolusi Obat BCS Kelas II. *Bandung Conference Series: Pharmacy*, 63–71. https://doi.org/10.29313/bcsp.v3i2.7497

Remenar, J. F., Peterson, M. L., Stephens, P. W., Zhang, Z., Zimenkov, Y., & Hickey, M. B. (2007). Celecoxib:nicotinamide dissociation: Using excipients to capture the cocrystal's potential. *Molecular Pharmaceutics*, *4*(3), 386–400. https://doi.org/10.1021/mp0700108

Salma, U. K. (2021). Review Artikel : Peningkatan Kelarutan Atorvastatin Dengan BErbagai Metode Dispersi Padat. *Jurnal Ilmiah Farmasi Farmasyifa*, *4*(1), 6–16. https://doi.org/10.29313/jiff.v4i1.6768

Setiono, M. H., & Dewi Avreliana A. (2013). *PEenentuan Jenis Solven Dan Ph Optimum Pada Analisis Senyawa Delphinidin Dalam Kelop Dengan Metode Spektrofotometri Uv*. http://ejournal-s1.undip.ac.id/index.php/jtki

Skinner, M., & Kanfer, I. (1992). Intrinsic dissolution rate and solubility studies on josamycin, a macrolide antibiotic. In *InternaUonal Journal of Pharmaceuttcs* (Vol. 88).

Sopyan, I., & Gozali, D. (n.d.). *Jurnal Ilmiah Farmako Bahari COCRYSTAL: NICOTINAMIDE AS THE COFORMER*. www.journal.uniga.ac.id

Sopyan, I., & Gozali, D. (2019). *Jurnal Ilmiah Farmako Bahari COCRYSTAL: Nicotinamide As The Coformer*. www.journal.uniga.ac.id

Sun, C. C. (2013). Cocrystallization for successful drug delivery. In *Expert Opinion on Drug Delivery* (Vol. 10, Issue 2, pp. 201–213). https://doi.org/10.1517/17425247.2013.747508

USP. (2023). United State Pharmacopia. *USP*.

Vishweshwar, P., McMahon, J. A., Bis, J. A., & Zaworotko, M. J. (2006). Pharmaceutical co-crystals. In *Journal of Pharmaceutical Sciences* (Vol. 95, Issue 3, pp. 499–516). John Wiley and Sons Inc. https://doi.org/10.1002/jps.20578

Wei, Y., Zhang, L., Wang, N., Shen, P., Dou, H., Ma, K., Gao, Y., Zhang, J., & Qian, S. (2018). Mechanistic Study on Complexation-Induced Spring and Hover Dissolution Behavior of Ibuprofen-Nicotinamide Cocrystal. *Crystal Growth and Design*, *18*(12), 7343–7355. https://doi.org/10.1021/acs.cgd.8b00978

Zaini, E., Halim, A., Soewandhi, S. N., & Setyawan, D. (2011). *Peningkatan laju pelarutan trimetoprim melalui metode ko-kristalisasi (Erizal Zaini dan kawan-kawan) PENINGKATAN LAJU PELARUTAN TRIMETOPRIM MELALUI METODE KO-KRISTALISASI DENGAN NIKOTINAMIDA*.

Zhang, S. W., Brunskill, A. P. J., Schwartz, E., & Sun, S. (2017). Celecoxib-Nicotinamide Cocrystal Revisited: Can Entropy Control Cocrystal Formation? *Crystal Growth and Design*, *17*(5), 2836–2843. https://doi.org/10.1021/acs.cgd.7b00308