

## DAFTAR PUSTAKA

- Ade Maria Ulfa, & Azzahra, D. (2018). Uji Kekerasan, Analisa DAN WAKTU HANCUR ASAM MEFENAMAT KAPLET SALUT GENERIK DAN MEREK DAGANG. *Jurnal Farmasi Malahayati*, 1(2), 59–68.
- Akash, M. S. H., & Rehman, K. (2019). Essentials of pharmaceutical analysis. In *Essentials of Pharmaceutical Analysis*. <https://doi.org/10.1007/978-981-15-1547-7>
- Alaa Eldin Refat, L., O’Malley, C., Simmie, J. M., McArdle, P., & Erxleben, A. (2022). Differences in Coformer Interactions of the 2,4-Diaminopyrimidines Pyrimethamine and Trimethoprim. *Crystal Growth and Design*, 22(5), 3163–3173. <https://doi.org/10.1021/acs.cgd.2c00035>
- Anggraeni, N. D. (2008). Analisa SEM ( Scanning Electron Microscopy ) dalam Pemantauan Proses Oksidasi Magnetite Menjadi Hematite. *Seminar Nasional - VII Rekayasa Dan Aplikasi Teknik Mesin Di Industri*, 50–56.
- Bashyal, S. (2018). Ibuprofen and its different analytical and manufacturing methods: A review. *Asian Journal of Pharmaceutical and Clinical Research*, 11(7), 25–29. <https://doi.org/10.22159/ajpcr.2018.v11i7.24484>
- BPOM RI. (2022). Peraturan Badan Pengawas Obat Dan Makanan Nomor 11 Tahun 2022 Tentang Tata Laksana Uji Bioekivalensi. *Bpom Ri*, 1–95.
- Bunaciu, A. A., Udriştioiu, E. gabriela, & Aboul-Enein, H. Y. (2015). X-Ray Diffraction: Instrumentation and Applications. *Critical Reviews in Analytical Chemistry*, 45(4), 289–299. <https://doi.org/10.1080/10408347.2014.949616>
- Chen, H., Paul, S., Xu, H., Wang, K., Mahanthappa, M. K., & Sun, C. (2020). *Pengurangan Kecenderungan Menempel Pukulan Celecoxib secara Bulat Kristalisasi melalui Pelarut Kuasi-Emulsi Berbantuan Polimer Difusi*.
- 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>
- Dachriyanus. (2004). *Analisis Struktur Senyawa Organik Secara Spektroskopi* (Multimedia LPTIK (ed.)). Lembaga Pengembangan Teknologi Informasi dan Komunikasi (LPTIK) Universitas Andalas.
- Depkes RI. (2020). *No Title*.

- Guerin, N., Kaserer, T., & Donald, B. R. (2022). RESISTOR: A New OSPREY Module to Predict Resistance Mutations. *Journal of Computational Biology*, 29(12), 1346–1352. <https://doi.org/10.1089/cmb.2022.0254>
- Guo, M., Sun, X., Chen, J., & Cai, T. (2021). Pharmaceutical cocrystals: A review of preparations, physicochemical properties and applications. *Acta Pharmaceutica Sinica B*, 11(8), 2537–2564. <https://doi.org/10.1016/j.apsb.2021.03.030>
- Jain, A. K., & Singh, J. (2012). Essentiality of Early Diagnosis of Molar Incisor Hypomineralization in Children and Review of its Clinical Presentation, Etiology and Management. *International Journal of Clinical Pediatric Dentistry*, 5(3), 190–196. <https://doi.org/10.5005/jp-journals-10005-1164>
- 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, 126229. <https://doi.org/10.1016/j.jcrysgro.2021.126229>
- Lobubun, N. A., & Chabib, L. (2022). Formulasi Granul Effervescent Ekstrak Aseton Rimpang Kencur (Kaempferia Galanga L.) dengan Variasi Konsentrasi Polivinilpirolidon. *Journal of Pharmaceutical and Health Research*, 3(3), 139–149. <https://doi.org/10.47065/jharma.v3i3.2922>
- Maghsoodi, M. (2015). Role of solvents in improvement of dissolution rate of drugs: Crystal habit and crystal agglomeration. *Advanced Pharmaceutical Bulletin*, 5(1), 13–18. <https://doi.org/10.5681/apb.2015.002>
- Muljani, S., Candra, A., & Faiqoh, I. (2023). Sintesis Dan Karakterisasi Selulosa Kristal Dari Batang Tembakau. *Jurnal Teknik Kimia*, 17(2). [https://doi.org/10.33005/jurnal\\_tekkim.v17i2.3780](https://doi.org/10.33005/jurnal_tekkim.v17i2.3780)
- Niguram, P., Polaka, S. N., Rathod, R., Kalia, K., & Kate, A. S. (2020). Update on compatibility assessment of empagliflozin with the selected pharmaceutical excipients employed in solid dosage forms by thermal, spectroscopic and chromatographic techniques. *Drug Development and Industrial Pharmacy*, 46(2), 209–218. <https://doi.org/10.1080/03639045.2020.1716371>
- Ohannesian, L., Washington, F., & Streeter, A. J. (2002). Handbook of Pharmaceutical Analysis edited by. In *Drugs and the Pharmaceutical Sciences*.
- 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>
- Perlovich, G., & Surov, A. (2020). Polymorphism of monotropic forms: Relationships between

- thermochemical and structural characteristics. *Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials*, 76, 65–75. <https://doi.org/10.1107/S2052520619015671>
- Ramadhana, A. F., Chaerunisa, A. Y., & Sopyan, I. (2020). Dispersi Padat Sebagai Metode Peningkatan Kelarutan Bahan Obat dalam Tablet : Formulasi dan Karakteristik. *Farmaka*, 18(1), 1–15.
- Saini, S. (2014). Spherical crystallization: An overview. *International Journal of Drug Delivery Technology*, 4, 72–80. <https://doi.org/10.25258/ijddt.v4i4.8862>
- Schultheiss, N., & Newman, A. (2009). 2009 Re V iews. *Crystal Growth &Design*, 9(6), 2950–2967.
- Shah, H., Jain, A., Laghate, G., & Prabhudesai, D. (2020). Pharmaceutical excipients. *Remington: The Science and Practice of Pharmacy*, 633–643. <https://doi.org/10.1016/B978-0-12-820007-0.00032-5>
- Siregar, C. J. P. (2010). *Teknologi Farmasi Sediaan Tablet* (A. H. H. July manurung, Nurul Aini (ed.)). Buku Kedokteran EGC.
- Skinner, M., & Kanfer, I. (1992). Intrinsic dissolution rate and solubility studies on josamycin, a macrolide antibiotic. *International Journal of Pharmaceutics*, 88(1–3), 151–158. [https://doi.org/10.1016/0378-5173\(92\)90311-O](https://doi.org/10.1016/0378-5173(92)90311-O)
- The United States Pharmacopeia Convention. (2018). *United States Pharmacopeia 41*.
- Tria, G. (2023). *Pembentukan, Karakterisasi dan Uji Disolusi Spherical Co-Crystallization Ibuprofen Menggunakan Koformer Nikotinamid* (p. 6).
- Trianggani, D., Permatasari, D., & Danimayostu, A. (2017). Formulasi dan Evaluasi Dispersi Padat Ibuprofen dengan Dekstrosa sebagai Pembawa dalam Sediaan Suppositoria. *Pharmaceutical Journal of Indonesia*, 2(2), 51–56.
- USP. (2018). *2018 HANDBOOK & CALENDAR USP GRADUATE*.
- Varia, U., Patel, A., Katariya, H., & Detholia, K. (2022). Formulation and optimization of polymeric agglomerates of Bosentan monohydrate by crystallo-co-agglomeration technique. *Bulletin of the National Research Centre*, 46(1). <https://doi.org/10.1186/s42269-022-00837-6>
- Vemuri, V. D., & Lankalapalli, S. (2019). Insight into concept and progress on pharmaceutical co-crystals: An overview. *Indian Journal of Pharmaceutical Education and Research*, 53(4), s522–s538. <https://doi.org/10.5530/ijper.53.4s.147>
- Wasilewska, K., & Winnicka, K. (2019). Ethylcellulose-a pharmaceutical excipient with multidirectional application in drug dosage forms development. *Materials*, 12(20).

<https://doi.org/10.3390/ma12203386>

Yanuar, A., Nursanti, N., & Anwar, E. (2010). Eksplorasi dan Karakterisasi berbagai Kristal

Ibuprofen. *Pharmaceutical Sciences and Research*, 7(2).

<https://doi.org/10.7454/psr.v7i2.3455>

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>