

## DAFTAR PUSTAKA

- Abosedo, O. O., Gordon, A. T., Dembaremba, T. O., Lorentino, C. M. A., Frota, H. F., Santos, A. L. S., Hosten, E. C., & Ogunlaja, A. S. (2020). Trimesic acid-Theophylline and Isophthalic acid-Caffeine Cocrystals: Synthesis, Characterization, Solubility, Molecular Docking, and Antimicrobial Activity. *Crystal Growth and Design*, 20(5), 3510–3522. <https://doi.org/10.1021/acs.cgd.0c00301>
- Anand, P., Kunnumakkara, A. B., Newman, R. A., & Aggarwal, B. B. (2007). reviews Bioavailability of Curcumin : Problems and Promises. *Molecular Pharmaceutics*, 4(6), 807–818.
- Anisa, D. N., Anwar, C., Afriyani, H., & Lampung, B. (2020). Sintesis Senyawa Analog Kurkumin Berbahan Dasar Veratradehida dengan Metode Ultrasound. *Analytical and Environmental Chemistry*, 5(01), 74–81. <https://doi.org/http://dx.doi.org/10.23960/aec.v5.i1.2020.p74-81>
- Budiman, A., Husni, P., & Alfauziah, T. Q. (2019). The Development Of Glibenclamide-Saccharin Cocrystal Tablet Formulations To Increase The Dissolution Rate Of The Drug. *Of Applied Pharmaceutics*, 11(4), 359–364. <https://doi.org/10.22159/ijap.2019v11i4.33802>
- Budiman, A., Megantara, S., & Apriliani, A. (2017). Virtual screening of cofomers and solubility test for glibenclamide cocrystallization. *National Journal of Physiology, Pharmacy and Pharmacology*, 8(1), 124–129. <https://doi.org/10.5455/njppp.2017.7.0833229092017>
- Budiman, A., Nurlatifah, E., & Amin, S. (2016). Enhancement of Solubility and Dissolution Rate of Glibenclamide by Cocrystal Approach with Solvent Drop Grinding Method. *International Journal of Current Pharmaceutical Review and Research*, 7(5), 248–250. [www.ijcpr.com](http://www.ijcpr.com)
- Das, K., Datta, A., Massera, C., & Sinha, C. (2019). Structural diversity, topology and luminescent properties of a two-dimensional Cd(II) coordination polymer incorporating 4,4'-dipyridyl and 4,4'-sulfonyldibenzoic acid. *Journal of Molecular Structure*, 1179(Ii), 618–622. <https://doi.org/10.1016/j.molstruc.2018.11.051>
- Fauzi, A., & Aryani, R. I. (2019). Karakterisasi dan Uji Disolusi Aspirin Hasil Rekristalisasi Penguapan Pelarut. *Sains Farmasi Dan Klinik*, 6(2), 164–170. <https://doi.org/10.25077/jsfk.6.2.164.170.2019>
- Fienda, T. (2012). Pengaruh Metode Pembentukan Kokristal Terhadap Laju Pelarutan Karbamazepin Menggunakan Asam Tartrat sebagai Kofomer. *Skripsi Sarjana Farmasi*, 3(7), 2–15.

- Gozali, D., Tandela, R. dan Wardhana, Y. W. (2014). Karakterisasi dan Peningkatan Disolusi Kalsium Atorvanstatin Melalui Proses Mikrokristalisasi. *Jurnal Ilmu-Ilmu Hayati Dan Fisik*, 16(2), 95–102.
- Gozali, D., Bahti, H. H., & Soewandhi, S. N. (2012). Jurnal Sains Materi Indonesia Dengan Isonikotinamid dan Karakterisasinya. *Sains Material Indonesia*, 15(4), 103–110.
- Gul, P., & Bakht, J. (2013). Antimicrobial activity of turmeric extract and its potential use in food industry. *J Food Sci Technol*, 3(10), 4–11. <https://doi.org/10.1007/s13197-013-1195-4>
- Haeria, Nurshalati Tahar, A. Z., & Jurusan. (2018). Pembentukan, Karakterisasi, Dan Uji Disolusi Kokristal Meloksikam Dengan Asam Paraaminobenzoat. *Farmasi Fakultas Kedokteran Dan Ilmu Kesehatan*, 6(36), 17–24.
- Haeria, Nurzak, A. N., & Ismail, I. (2015). Characterization and dissolution test of aspirin-nicotinamide cocrystal. *International Journal of PharmTech Research*, 8(10), 166–170.
- Liu, W., Zhai, Y., Heng, X., Che, F. Y., Chen, W., Sun, D., & Zhai, G. (2016). Oral bioavailability of curcumin: problems and advancements. *Journal of Drug Targeting*, 24(8), 694–702. <https://doi.org/10.3109/1061186X.2016.1157883>
- Nugrahani, I. (2020). *Analisis dan Rekayasa Bahan Padat Farmasi* (E. Warsidi (ed.)). ITB Press.
- Nugroho, D., & Sugih, A. K. (2018). Determination of process parameters for curcumin – dextrose cocrystallization. *Material Science and Engineering*, 1(1), 1–6. <https://doi.org/10.1088/1757-899X/299/1/012038>
- palash sanphui, N.Rajesh goud, U. B. rao khandavilli, S. B. and A. nangia. (2011). New polymorphs of curcumin. *International Year of Chemistry*, 47(1), 5013–5015. <https://doi.org/10.1039/c1cc10204d>
- Priyadarsini, K. I. (2014). The Chemistry of Curcumin: From Extraction to Therapeutic Agent. *Molecules*, 19(10), 20091–20112. <https://doi.org/10.3390/molecules191220091>
- Putri Raraswati, I. S. (2019). Review:Virtual Screening dan Kokristalisasi Glibenklamid Dalam Meningkatkan Sifat Kelarutan dan Laju Disolusi. *Farmaka*, 17(8), 472–483.
- Roihatul Mutiah. (2015). Evidence Based Kurkumin Dari Tanaman Kunyit (*Curcuma longa*) Sebagai Terapi Kanker Pada Pengobatan Moderen. *Farmasi Sains Dan Teknologi*, 1(1), 28–41.

- Sanphui, P., Goud, N. R., Khandavilli, U. B. R., & Nangia, A. (2011). Fast Dissolving Curcumin Cocrystals. *Cristal Growth and Desigh*, 11(7), 4135–4145. <https://doi.org/10.1021/cg200704s>
- Sathisaran, I., Bhatia, D. D., & Dalvi, S. V. (2020). New Curcumin-Trimesic Acid Cocrystal and Anti-invasion Activity of Curcumin Multicomponent Solids against 3D Tumor Models. *International Journal of Pharmaceutics*, 7(20), 119667. <https://doi.org/10.1016/j.ijpharm.2020.119667>
- Sathisaran, I., Dalvi, S. V., & Accepted, J. (2017). Crystal Engineering of Curcumin with Salicylic acid and Hydroxyquinol as Cofomers. *Cristal Growth and Desigh*, 1(3), 1–48.
- Thakuria, R., & Thakur, T. S. (2017). Crystal Polymorphism in Pharmaceutical Science. *Comprehensive Supramolecular Chemistry II*, 5(10), 283–309. <https://doi.org/10.1016/B978-0-12-409547-2.12570-3>
- Wahlang, B., Pawar, Y. B., & Bansal, A. K. (2011). European Journal of Pharmaceutics and Biopharmaceutics Identification of permeability-related hurdles in oral delivery of curcumin using the Caco-2 cell model. *European Journal of Pharmaceutics and Biopharmaceutics*, 77(2), 275–282. <https://doi.org/10.1016/j.ejpb.2010.12.006>
- Wang, Y., Wang, C., Zhao, J., Ding, Y., & Li, L. (2017). Journal of Colloid and Interface Science A cost-effective method to prepare curcumin nanosuspensions with enhanced oral bioavailability. *Journal of Colloid And Interface Science*, 485(9), 91–98. <https://doi.org/10.1016/j.jcis.2016.09.003>
- Zhang, Y. N., Yin, H. M., Zhang, Y., Zhang, D. J., Su, X., & Kuang, H. X. (2017). Preparation of a 1:1 cocrystal of genistein with 4,4'-bipyridine. *Journal of Crystal Growth*, 458(16), 103–109. <https://doi.org/10.1016/j.jcrysgro.2016.10.084>