

DAFTAR PUSTAKA

- Ainurofiq, A., & Azizah, N. (2016). Perbandingan Penggunaan bahan Penghancur Secara Intragranular, Ekstragranular dan Kombinasinya. *Journal of Pharmaceutical Science and Clinical Research*, 01, 1–9.
- Al Bacha, S., Pighin, S. A., Urretavizcaya, G., Zakhour, M., Nakhl, M., Castro, F. J., & Bobet, J. L. (2020). Effect of ball milling strategy (milling device for scaling-up) on the hydrolysis performance of Mg alloy waste. *International Journal of Hydrogen Energy*, 45(41), 20883–20893. <https://doi.org/10.1016/j.ijhydene.2020.05.214>
- 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.
- Alotaibi, M. R., Fatani, A. J., Almnaizel, A. T., Ahmed, M. M., Abuhashish, H. M., & Al-Rejaie, S. S. (2019). In vivo Assessment of Combined Effects of Glibenclamide and Losartan in Diabetic Rats. *Medical Principles and Practice*, 28(2), 178–185. <https://doi.org/10.1159/000496104>
- Budiman, A., Megantara, S., Sholihah, R., & Amin, S. (2020). Synthesis of glibenclamide-oxalic acid cocrystal using thermalsolvent-free method. *International Journal of Pharmaceutical Quality Assurance*, 11(3), 404–408. <https://doi.org/10.25258/ijpqqa.11.3.16>
- Cao, F., Rodriguez-Hornedo, N., & Amidon, G. E. (2019). Mechanistic Analysis of Cocrystal Dissolution, Surface pH, and Dissolution Advantage as a Guide for Rational Selection. *Journal of Pharmaceutical Sciences*, 108(1), 243–251. <https://doi.org/10.1016/j.xphs.2018.09.028>
- Chaves Júnior, J. V., dos Santos, J. A. B., Lins, T. B., de Araújo Batista, R. S., de Lima Neto, S. A., de Santana Oliveira, A., Nogueira, F. H. A., Gomes, A. P. B.,

- de Sousa, D. P., de Souza, F. S., & Aragão, C. F. S. (2020). A New Ferulic Acid–Nicotinamide Cocrystal With Improved Solubility and Dissolution Performance. *Journal of Pharmaceutical Sciences*, 109(3), 1330–1337. <https://doi.org/10.1016/j.xphs.2019.12.002>
- Damayanti, A. A., Luh, N., Trisnawati, P., & Suyanto, H. (2015). *Identifikasi Bilangan Gelombang Daun Sirih (Piper sp .) Menggunakan Metode Spektroskopi Fourier Transform Infrared (FTIR) dan Principal Component Analysis (PCA) Identification of Betel Leaf Wave Numbers (Piper sp .) Using Fourier Transform Infrared.* 60–66.
- Dayo Owoyemi, B. C., Da Silva, C. C. P., Souza, M. S., Diniz, L. F., Ellena, J., & Carneiro, R. L. (2019). Fluconazole: Synthesis and Structural Characterization of Four New Pharmaceutical Cocrystal Forms [Research-article]. *Crystal Growth and Design*, 19(2), 648–657. <https://doi.org/10.1021/acs.cgd.8b01194>
- Durowoju, I. B., Bhandal, K. S., Hu, J., Carpick, B., & Kirkitadze, M. (2017). Differential scanning calorimetry — A method for assessing the thermal stability and conformation of protein antigen. *Journal of Visualized Experiments*, 2017(121), 1–8. <https://doi.org/10.3791/55262>
- Erna Kustyawati, M., Setiawan, K., Lesmana, D., & Handayani, S. (2019). Pengembangan Biotapioka-Hidroksipropil Metil Selulosa untuk Eksipien Tablet Metode Granulasi Basah. In *Journal of Tropical Upland Resources* (Vol. 01, Issue 01).
- F. Alatas, H. Ratih, T. Hartyana Sutarna, Y. Windu Wardhana, D. Tereslina, S. N. S. . (2020). Pembuatan dan Karakterisasi Ko-kristal (Preparation and Characterization of Fluconazole- Resorcinol Co-crystal). *JURNAL ILMU KEFARMASIAN INDONESIA*, 18(2), 177–183.
- Fauzan, N., BAskoro, A., Pradana, A., & Wicaksono, G. (2018). *X-Ray Diffraction*.

- Gohel, M. C., Parikh, R. K., Brahmbhatt, B. K., & Shah1, A. R. (2007). Persiapan dan Asesmen Novel Coprocessed Superdisintegrant Yang Terdiri dari Crospovidone dan Sodium Starch Glycolate: Catatan Teknis. In *AAPS PharmSciTech* (Vol. 8, Issue 1). <http://www.aapspharmscitech.org>
- Jansook, P., Fülöp, Z., & Ritthidej, G. C. (2019). Amphotericin B loaded solid lipid nanoparticles (SLNs) and nanostructured lipid carrier (NLCs): physicochemical and solid-solution state characterizations. *Drug Development and Industrial Pharmacy*, 45(4), 560–567. <https://doi.org/10.1080/03639045.2019.1569023>
- Kementerian Kesehatan RI. (2020). Farmakope Indonesia edisi VI. In *Kementerian Kesehatan RI.* https://perpustakaan.bsn.go.id/index.php?p=show_detail&id=14835
- Kurniawan, H., Wisudyaningsih, B., & Nurrahmanto, D. (2016). Optimasi Kombinasi Polietilen Glikol dan Polivinilpirolidon sebagai Bahan Pembawa pada Dispersi Padat Glibenklamid dengan Desain Faktorial (Optimization of Polyethilen Glycol and Polyvinylpirolidone Combination as the Carrier in Glibenclamide Solid Dispe. *E-Jurnal Pustaka Kesehatan*, 4(1), 27–34.
- Maiti, S., Mukherjee, S., & Datta, R. (2014). Core-shell nano-biomaterials for controlled oral delivery and pharmacodynamic activity of glibenclamide. *International Journal of Biological Macromolecules*, 70, 20–25. <https://doi.org/10.1016/j.ijbiomac.2014.06.031>
- Murtini, G., & Elisa, Y. (2018). *Teknologi Sediaan Solid.*
- Nakamura, S., Tanaka, C., Yuasa, H., & Sakamoto, T. (2019). Utility of Microcrystalline Cellulose for Improving Drug Content Uniformity in Tablet Manufacturing Using Direct Powder Compression. *AAPS PharmSciTech*, 20(4). <https://doi.org/10.1208/s12249-019-1365-4>
- Nur'aini, Nurmiftahuddin, M., & Yusransyah. (2015). Formulasi dan Evaluasi Fisik

Tablet Ekstrak Daun Asam Jawa (*Tamarindus Indica*) Dengan Perbandingan Variasi Bahan Pengikat (Microcrystalline Celullose) dan Pengisi (Lactose Monohidrat) Secara Kempa Langsung. In *Yusransyah: Vol. II* (Issue 1).

Okunlola, A., & Odeku, O. A. (2011). Evaluation of starches obtained from four *Dioscorea* species as binding agent in chloroquine phosphate tablet formulations. *Saudi Pharmaceutical Journal*, 19(2), 95–105.
<https://doi.org/10.1016/j.jsps.2011.01.002>

Pandarekandy, S. T., Sreejesh, P. G., Thampi, B. S. H., & Sreekumaran, E. (2017). Hypoglycaemic Effect of Glibenclamide: A Critical Study on the Basis of Creatinine and Lipid Peroxidation Status of Streptozotocin-induced Diabetic Rat. *Indian Journal of Pharmaceutical Sciences*, 79(5).
<https://doi.org/10.4172/pharmaceutical-sciences.1000290>

Panzade, P., Shendarkar, G., Shaikh, S., & Rathi, P. B. (2017). Pharmaceutical Cocrystal of Piroxicam: Design, Formulation and Evaluation. *Advanced Pharmaceutical Bulletin*, 7(3), 399–408. <https://doi.org/10.15171/apb.2017.048>

Pharmacopoeia, B. C. (2017). *glibenclamide*. The Pharmaceutical Press.

Puspadina, V., Budi Legowo, D., Fitriany, E., Priyoherianto, A., & Damayanti, W. (2021). Effect of Variation of Lubricant Concentration (Magnesium Stearate) on The Physical Quality of Metoclopramid HCl Tablets With Direct Printing Method. *Indonesian Journal of Pharmaceutical Education*, 1(2), 67–75.
<https://doi.org/10.37311/ijpe.v1i2.10567>

Ratna, G. (2017). *Differential Scanning Calorimetry*.

Rehder, S., Sakmann, A., Rades, T., & Leopold, C. S. (2012). Thermal degradation of amorphous glibenclamide. *European Journal of Pharmaceutics and Biopharmaceutics*, 80(1), 203–208. <https://doi.org/10.1016/j.ejpb.2011.07.009>

Rohmani, S., & Rosyanti, H. (2019). Perbedaan Metode Penambahan Bahan

Penghancur Secara Intragranular-Ekstragranular Terhadap Sifat Fisik Serta Profil Disolusi Tablet Ibuprofen. *JPSCR : Journal of Pharmaceutical Science and Clinical Research*, 4(2), 95. <https://doi.org/10.20961/jpscr.v4i2.33622>

Santoso, U. T., Rodiansono, R., Junaidi, A. B., Ariyanti, C., Oktari, R., Nopitasari, P., & Hasanah, H. (2019). Pengaruh Penyaringan dan Pengeringan Terhadap Ukuran Partikel Oksida Besi: Tinjauan Karakterisasi Kualitatif Menggunakan Mikroskop Optik. *Jurnal Fisika FLUX*, 1(1), 31–35. <https://doi.org/10.20527/flux.v1i1.6144>

Sejati, R. D. (2013). *Spektrofotometer Inframerah Transformasi Fourier (FTIR)*.

Sholikhah, A. M., & Cahyaningrum, S. E. (2020). Pengaruh Varian Konsentrasi Tween 80 Terhadap Enakapsulasi Glibenklamid Menggunakan Alginat-Kitosan. *UNESA Journal of Chemistry Vol. 9, No. 2*, 9(2), 162–169.

Silva Filho, S. F., Pereira, A. C., Sarraguça, J. M. G., Sarraguça, M. C., Lopes, J., Façanha Filho, P. de F., dos Santos, A. O., & da Silva Ribeiro, P. R. (2018). Synthesis of a Glibenclamide Cocrystal: Full Spectroscopic and Thermal Characterization. *Journal of Pharmaceutical Sciences*, 107(6), 1597–1604. <https://doi.org/10.1016/j.xphs.2018.01.029>

Siregar, C. J. P. (2010). *Teknologi Farmasi Sediaan Tablet*.

Soemarie, Y. B., Sa'adah, H., & Ningsih, T. M. (2017). Uji mutu fisik granul ekstrak etanol daun kemangi (Ocimum americanum L .) dengan variasi konsentrasi explotab. *Jurnal Ilmiah Mauntung*, 3(1), 64–71.

Sopyan, I., Fudholi, A., Muchtaridi, M., & Sari, I. P. (2017). Co-crystallization: A tool to enhance solubility and dissolution rate of simvastatin. *Journal of Young Pharmacists*, 9(2), 183–186. <https://doi.org/10.5530/jyp.2017.9.36>

Stieger, N., Aucamp, M., & Zhang, S.-W. (2012). *Hot-Stage Optical Microscopy as an Analytical Tool to Understand Solid-state Changes in Pharmaceutical*

Materials.

Sudjarwo Wardani, G., C Insani, H., & Mahmiah. (2018). *Pengaruh Berat Bola Milling Terhadap Pembentukan Nanopartikel Kitosan Dari Limbah Kulit Udang Litopenaeus vannamei (Karakterisasi Ukuran Partikel Dan Zeta Potensial)* (Vol. 12). Pengaruh.

Thakral, N. K., Zanon, R. L., Kelly, R. C., & Thakral, S. (2018). Applications of Powder X-Ray Diffraction in Small Molecule Pharmaceuticals: Achievements and Aspirations. *Journal of Pharmaceutical Sciences*, 107(12), 2969–2982.
<https://doi.org/10.1016/j.xphs.2018.08.010>

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>

Wigayati, E. M., & Purawiardi, R. I. (2015). Analisis Pengaruh Mechanical Milling menggunakan Planetary Ball Milling terhadap Struktur Kristal dan Struktur Mikro Senyawa LiBOB. *Jurnal Sains Materi Indonesia*, 16(3), 126–132.
<http://jusami.batan.go.id>

Wigayati, E. M., Raden, D., & Purawiardi, I. (2015). Analisis Pengaruh Mechanical Milling Menggunakan Planetary Ball Terhadap Struktur Kristal dan Struktur Mikro Senyawa LiBOB. *Jurnal Sains Materi Indonesia*, 16(3), 126–132.
<http://jusami.batan.go.id>

Wu, X., Wang, Y., Xue, J., Liu, J., Qin, J., Hong, Z., & Du, Y. (2020). Solid phase drug-drug pharmaceutical co-crystal formed between pyrazinamide and diflunisal: Structural characterization based on terahertz/Raman spectroscopy combining with DFT calculation. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, 234, 118265.
<https://doi.org/10.1016/j.saa.2020.118265>

Zaman, N. N., & Sopyan, I. (2020). Tablet Manufacturing Process Method and Defect Of Tablets. *Majalah Farmasetika*, 5(2), 82–93.
<https://doi.org/10.24198/mfarmasetika.v5i2.26260>

Zhao, Z., Liu, G., Lin, Q., & Jiang, Y. (2018). Co-Crystal of Paracetamol and Trimethylglycine Prepared by a Supercritical CO₂ Anti-Solvent Process. *Chemical Engineering and Technology*, 41(6), 1122–1131.
<https://doi.org/10.1002/ceat.201700638>