

DAFTAR PUSTAKA

- Ainouz, A., Authelin, J.R., Billot, P. and Lieberman, H. (2009). Modeling and prediction of cocrystal phase diagrams. *International journal of pharmaceutics*, 374(1-2), pp.82-89.
- Aithal, K., Pai, A., Pai, G., & Muddukrishna, B. S. (2017). Preparation, solid state characterization of Etravirine co-crystals with improved solubility. *Lat. Am. J. Pharm.*, 36(5), 972-979.
- Anonim. (1995). *Farmakope Indonesia* Edisi IV. Departemen Kesehatan Republik Indonesia, Jakarta.
- Anonim. (2014). *Farmakope Indonesia*, Edisi V. Departemen Kesehatan Republik Indonesia, Jakarta.
- Asra, R., Rivai, H., & Riani, V. L. (2017). Pengembangan dan Validasi Metode Analisis Tablet Furosemid dengan Metode Absorbansi dan Luas Daerah di Bawah Kurva secara Spektrofotometri Ultraviolet. *Jurnal Farmasi Higea*, 8(2), 113-121.
- Bakhtiar, A., Rahmah, S., & Zaini, E. (2015). Pembentukan Kokristal Katekin dengan Nikotinamida Formation of Cocrystals of Catechin and Nicotinamide. *Jurnal Farmasi Sains Dan Terapan*, 2(2), 28–32
- Banik, M., Gopi, S.P., Ganguly, S. and Desiraju, G.R. (2016). Cocrystal and salt forms of furosemide: solubility and diffusion variations. *Crystal Growth & Design*, 16(9): 5418-5428.
- Bavishi, D. D., & Borkhataria, C. H. (2016). Spring and parachute: How cocrystals enhance solubility. *Progress in Crystal Growth and Characterization of Materials*, 62(3), 1–8.
- Dega-Szafran, Z., Dutkiewicz, G. and Kosturkiewicz, Z. (2010). Structures of two co-crystals of pyridine betaine with l (+)-tartaric acid. *Journal of Molecular Structure*, 976(1-3): 129-135.
- Fadhila, M., Umar, S., & Zaini, E. (2020). Pembentukan kokristal Asam Usnat –N-Methyl-DGlucamine dengan metode penguapan pelarut dan pengaruhnya terhadap penurunan interleukin-8 pada tikus inflamasi. *Jurnal Sains Farmasi & Klinis*, 7(1), 23–30.
- Ge, M., Liu, G. F., Ma, S. H., & Wang, W. F. (2009). Polymorphic forms of furosemide characterized by THz time domain spectroscopy. *Bull. Korean Chem. Soc.* 2009, Vol. 30, No. 10
- Goud, N.R., Gangavaram, S., Suresh, K., Pal, S., Manjunatha, S.G., Nambiar, S. and Nangia, A. (2012). Novel furosemide cocrystals and selection of high solubility drug forms. *Journal of pharmaceutical sciences*, 101(2): 664-680.
- Gozali, D., Bahti, H.H., Soewandhi, S.N. and Abdassah, M. (2018). Pembentukan Kokristalantarakalsium Atorvastatin dengan Isonikotinamid dan Karakterisasinya. *Jurnal Sains Materi Indonesia*, 15(2): 103-110.
- Gracesella, C., & Sopyan, I. (2016). Ko-kristal di bidang farmasi: review jurnal. *Farmaka*, 14(1), 63–79.

- Haeria, Nurshalati Tahar, A. Z., dan Jurusan. (2018). Pembentukan, Karakterisasi, Dan Uji Disolusi Kokristal Meloksikam Dengan Asam Paraaminobenzoat. *Farmasi Fakultas Kedokteran Dan Ilmu Kesehatan*.
- Hairunnisa, Sopyan I, Gozali D. (2019). Cocrystal: Nicotinamide as The Coformer. *Farmako Bahari*. 10(2): 113-122.
- Hu, J., Johnston, K.P. and Williams III, R.O. (2004). Nanoparticle engineering processes for enhancing the dissolution rates of poorly water-soluble drugs. *Drug development and industrial pharmacy*, 30(3): 233-245.
- Karimi-Jafari, M., Padrela, L., Walker, G.M. and Croker, D.M. (2018). Creating cocrystals: a review of pharmaceutical cocrystal preparation routes and applications. *Crystal Growth & Design*, 18(10): 6370-6387.
- Kemenkes RI. (2018). Laporan Nasional Riskesdas 2018. *Badan Penelitian dan Pengembangan Kesehatan Kementerian RI*, Jakarta.
- Kemenkes RI. (2020). *Profil Kesehatan Indonesia 2019*. Kementerian Kesehatan Republik Indonesia, Jakarta.
- Kumar, S. (2018). Pharmaceutical cocrystals: an overview. *Indian Journal of Pharmaceutical Sciences*, 79(6): 858-871.
- Najih, Y.A., Setyawan, D. and Radjaram, A. (2018). Pembentukan Kokristal Ketokonazol-Asam Suksinat Yang Dibuat Dengan Metode Penggilingan (Grinding). *Journal Of Pharmacy Science And Technology*, 1(1), pp.8-12.
- Nurbaity, N. (2011). Pendekatan Green Chemistry Suatu Inovasi Dalam Pembelajaran Kimia Berwawasan Lingkungan. *Jurnal Riset Pendidikan Kimia (JRPK)*, 1(1), pp.13-21.
- Qiao, N., Li, M., Schlindwein, W., Malek, N., Davies, A. and Trappitt, G. (2011). Pharmaceutical cocrystals: an overview. *International journal of pharmaceutics*, 419(1-2): 1-11.
- Rachmaniar, R., Tristiyanti, D. and Sari, D.Y. (2020). Pengaruh Koformer Nikotinamid dan Metode Pembentukan Kokristal Terhadap Kelarutan Zat Aktif Tidak Larut Air. *Jurnal Sains dan Teknologi Farmasi Indonesia*, 9(1): 27-40.
- Rohman, A. (2014). Spektroskopi Inframerah dan kemometrika untuk Analisis Farmasi. *Pustaka Pelajar*.
- Rowe, R.C., Sheskey, P. and Quinn, M. (2009). Handbook of pharmaceutical excipients, *Libros Digitales-Pharmaceutical Press*.
- Sarma, B., & Saikia, B. (2014). Hydrogen bond synthon competition in the stabilization of theophylline cocrystals. *CrystEngComm*, 16(22), 4753-4765.
- Sagala, R.J. (2019). Metode Peningkatan Kecepatan Disolusi Dikombinasi Dengan Penambahan Surfaktan, *Jurnal Farmasi Galenika (Galenika Journal of Pharmacy)(e-Journal)*, 5(1), 84-92.
- Schultheiss, N. and Newman, A., (2009), Pharmaceutical cocrystals and their physicochemical properties. *Crystal growth and design*, 9(6): 2950-2967.
- Setyawan, D. dan Paramita, D.P. (2019). Strategi Peningkatan Kelarutan Bahan Aktif Farmasi. *Airlangga University Press*, Surabaya.
- Sevukarajan, M., Thanuja, B., Sodanapalli, R. and Nair, R. (2011). Synthesis and characterization of a pharmaceutical co-crystal:(aceclofenac: nicotinamide). *Journal of Pharmaceutical Sciences and Research*, 3(6), p.1288.

- Sulaksana, N., Sukiayah, E., Sjafrudin, A. dan Haryanto, E. T. (2014). *Bionatura-Jurnal Ilmu-ilmu Hayati dan Fisik ISSN*, 1411 - 0903. 16(2), 95–102
- Sopyan, I. (2020). Kokristalisasi: Modifikasi Padatan Farmasi Sebagai Strategi Perbaikan Sifat Fisikokimia Obat. *Deepublish*.
- Sweetman, S.C. (2009). Martindale The Complete Drug Reference, Thirty Sixth Edition. *Pharmaceutical Press*, New York.
- Takagi, T., Ramachandran, C., Bermejo, M., Yamashita, S., Yu, L.X. and Amidon, G.L. (2006). A provisional biopharmaceutical classification of the top 200 oral drug products in the United States, Great Britain, Spain, and Japan. *Molecular pharmaceutics*, 3(6): 631-643.
- Tilborg, A., Leyssens, T., Norberg, B., & Wouters, J. (2013). Structural study of prolinium/fumaric acid zwitterionic cocrystals: focus on hydrogen-bonding pattern involving zwitterionic (ionic) heterosynthons. *Crystal growth & design*, 13(6), 2373-2389.
- Trask, A. V., and Jones, W. (2005). Crystal engineering of organic cocrystals by the solid-state grinding approach. *In Topics in Current Chemistry*.
- Verma, P., Srivastava, A., Tandon, P., & Shimpi, M. R. (2022). Experimental and quantum chemical studies of nicotinamide-oxalic acid salt: hydrogen bonding, AIM and NBO analysis. *Frontiers in Chemistry*, 10, 855132.
- Vishweshwar, P., McMahon, J. A., Peterson, M. L., Hickey, M. B., Shattock, T. R., and Zaworotko, M. J. (2005). Crystal engineering of pharmaceutical co-crystals from polymorphic active pharmaceutical ingredients. *Chemical Communications*.
- Wouters, J., Rome, S., & Quéré, L. (2011). Monographs of most frequent co-crystal formers. *In Pharmaceutical salts and co-crystals*, (pp. 338-382). Royal Society of Chemistry London.
- Yadav, A.V., Shete, A.S., Dabke, A.P., Kulkarni, P.V., and Sakhare, S.S. (2009). Co-crystals: a novel approach to modify physicochemical properties of active pharmaceutical ingredients. *Indian journal of pharmaceutical science*, 71(4): 359-370.
- Zaini, E., Halim, A., Soewandhi, S.N. and Setyawan, D. (2011). Peningkatan laju pelarutan trimetoprim melalui metode ko-kristalisasi dengan nikotinamida. *Jurnal Farmasi Indonesia*, 5(4): 205-212.