

DAFTAR PUSTAKA

1. Apsari K, Chaerunisa AY. Review Jurnal: Upaya Peningkatan Kelarutan Obat. *Farmaka*. 2020;18(2):56–68.
2. Ashokraj Y, Daroi A, Gupta R, Khanolkar A, Kulkarni A, Laud S, et al. Discriminatory dissolution method development and validation of etoricoxib tablets. *Dissolution Technol*. 2016;23(2):30–4.
3. Senthilkumar K, Vijaya C. Formulation Development of Mouth Dissolving Film of Etoricoxib for Pain Management. *Adv Pharm*. 2015;2015:1–11.
4. Jain P, Gupta RN, Shrivastava S. Formulation and evaluation of mouth dissolving tablets of omeprazole. *Int J Curr Pharm Rev Res*. 2016;8(2):48–51.
5. Das A, Nayak AK, Mohanty B, Panda S. Solubility and Dissolution Enhancement of Etoricoxib by Solid Dispersion Technique Using Sugar Carriers. *ISRN Pharm*. 5 September 2011;2011:1–8.
6. Chauhan B, Shimpi S, Paradkar A. Preparation and characterization of etoricoxib solid dispersions using lipid carriers by spray drying technique. *AAPS PharmSciTech*. 2005;6(3):405–12.
7. Patel D, Patel M. Optimization of fast dissolving etoricoxib tablets prepared by sublimation technique. *Indian J Pharm Sci*. 2008;70(1):71–6.
8. Yoga WPAP, Hendriani R. Review: Teknik Peningkatan Kelarutan Obat. *Farmaka*. 2013;14(2):288–97.
9. Wathoni, N.; Sari, W.A.; Elamin, K.M.; Mohammed, A.F.A.; Suharyani I. A Review of Coformer Utilization in Multicomponent Crystal Formation. *Molecules*. 2022;27(8693):1–14.
10. Sari YN, Zaini E IF. Peningkatan Laju Disolusi Piperin dengan Pembentukan Multikomponen Kristal Menggunakan Asam Nikotinat. *J*

Sains Farm Klin. 2019;6(2):180–5.

11. Wang Y, Wang L, Zhang F, Wang N, Gao Y, Xiao Y, et al. Structure analysis and insight into hydrogen bond and van der waals interactions of etoricoxib cocrystals and cocrystal solvate. *J Mol Struct.* 15 Juni 2022;1258:132665.
12. Thakur TS, Thakuria R. Crystalline multicomponent solids: An alternative for addressing the hygroscopicity issue in pharmaceutical materials. *Cryst Growth Des.* 2020;20(9):6245–65.
13. Sheskey PJ, Cook WG, Cable CG. *Handbook of Pharmaceutical Excipients* Eighth edition.
14. Cassimiro DL, Ferreira LMB, Capela JMV, Crespi MS, Ribeiro CA. Kinetic parameters for thermal decomposition of supramolecular polymers derived from diclofenac-meglumine supramolecular adducts. *J Pharm Biomed Anal* [Internet]. 2013;73(October):24–8. Tersedia pada: <http://dx.doi.org/10.1016/j.jpba.2012.04.019>
15. Zaini E, Fitriani L, Sari RY, Rosaini H, Horikawa A, Uekusa H. Multicomponent Crystal of Mefenamic Acid and N-Methyl-D-Glucamine: Crystal Structures and Dissolution Study. *J Pharm Sci* [Internet]. 2019;108(7):2341–8. Tersedia pada: <https://doi.org/10.1016/j.xphs.2019.02.003>
16. Kumar Nayak A, Prava Panigrahi P. Solubility Enhancement of Etoricoxib by Cosolvency Approach. 2012;
17. Abdul-Rahman MM, Jawad FJ. Enhancement of aqueous solubility and dissolution rate of etoricoxib by solid dispersion technique. *Iraqi J Pharm Sci.* 2020;29(1):76–87.
18. Etoricoxib | C₁₈H₁₅CIN₂O₂S - PubChem [Internet]. [dikutip 6 Desember 2022]. Tersedia pada: <https://pubchem.ncbi.nlm.nih.gov/compound/123619#section=Chemical->

and-Physical-Properties

19. Prajapati MS, Yamgar DB, Desale MN, Fegade B. A Review on Various Analytical Methodologies for Etoricoxib. 2022;11(1):61–70.
20. Capone ML, Tacconelli S, Patrignani P. Clinical pharmacology of etoricoxib. *Expert Opin Drug Metab Toxicol* [Internet]. Agustus 2005 [dikutip 6 Desember 2022];1(2):269–82. Tersedia pada: <https://pubmed.ncbi.nlm.nih.gov/16922642/>
21. Heptner W, Kellner HM, Christ OE, Seber N. Studies on pharmacokinetics and pharmacodynamics of glibenclamide in rats and rabbits. *Acta Endocrinol Suppl.* 1978;88(SUPPL.219):35.
22. Escudero-Contreras A, Cervantes JVM, Collantes-Estevez E. Update on the clinical pharmacology of etoricoxib, a potent cyclooxygenase-2 inhibitor. *Fut Rheumatol.* 2007;2(6):545–65.
23. Meglumine | C7H17NO5 - PubChem [Internet]. [dikutip 10 Januari 2023]. Tersedia pada: <https://pubchem.ncbi.nlm.nih.gov/compound/Meglumine#section=Computed-Properties>
24. Usp M, Msds JP. Meglumine USP, BP, EP, JP MSDS.
25. Merck. Double your Benefit with meglumine covered. Germany; 2021.
26. Grothe E, Meekes H, Vlieg E, Ter Horst JH, De Gelder R. Solvates, Salts, and Cocrystals: A Proposal for a Feasible Classification System. *Cryst Growth Des.* 2016;16(6):3237–43.
27. Bongioanni, A; Bueno, M S; Mezzano, B A; Garnero CLMR. Pharmaceutical Crystals: Development, Optimization, Characterization and Biopharmaceutical Aspects. *Intech* [Internet]. 2022;19. Tersedia pada: <https://www.intechopen.com/books/advanced-biometric-technologies/liveness-detection-in-biometrics>

28. Guo M, Sun X, Chen J, Cai T. Pharmaceutical cocrystals: A review of preparations, physicochemical properties and applications. *Acta Pharm Sin B* [Internet]. 2021;11(8):2537–64. Tersedia pada: <https://doi.org/10.1016/j.apsb.2021.03.030>
29. Rodrigues M, Baptista B, Lopes JA, Sarraguça MC. Pharmaceutical cocrystallization techniques. Advances and challenges. *Int J Pharm* [Internet]. 2018;547(1–2):404–20. Tersedia pada: <https://doi.org/10.1016/j.ijpharm.2018.06.024>
30. Raval N, Maheshwari R, Kalyane D, Youngren-Ortiz SR, Chougule MB, Tekade RK. Importance of physicochemical characterization of nanoparticles in pharmaceutical product development [Internet]. *Basic Fundamentals of Drug Delivery*. Elsevier Inc.; 2018. 369–400 hal. Tersedia pada: <http://dx.doi.org/10.1016/B978-0-12-817909-3.00010-8>
31. Bagde SA, Upadhye KP, Dixit GR, Bakhle SS. Formulation and Evaluation of Co-Crystals of Poorly Water Soluble Drug. *Int J Pharm Sci Res* [Internet]. 2016;7(12):4988. Tersedia pada: <http://dx.doi.org/10.13040/IJPSR.0975-8232.7>
32. Tech JAB, Chauhan A, Chauhan P. Analytical & Bioanalytical Techniques Powder XRD Technique and its Applications in Science and Technology. 2014;5(5).
33. Zaini E, Sumirtapura YC, Soewandhi SN. Identifikasi interaksi fisika antara trimetoprim dan sulfametoksazol dengan metode kontak kofler dan reaksi kristalisasi Identification of physical interaction trimethoprim and sulfamethoxazole by contact method. *Maj Farm Indones*. 2010;21(1):32–9.
34. Sulistyani M, Huda N. Optimasi Pengukuran Spektrum Vibrasi Sampel Protein Menggunakan Spektrofotometer Fourier Transform Infra Red (Ftir). *Indones J Chem Sci*. 2017;6(2):173–80.
35. Siregar YDI, Heryanto R, Lela N LT. Karakterisasi Karbon Aktif Asal Tumbuhan dan Tulang Hewan Menggunakan FTIR dan Analisis

Kemometrika. 2015;103–116.

36. Dachriyanus. Analisa Struktur Senyawa Organik Secara Spektroskopi. Padang: Multimedia LPTIK; 2004.
37. Faraldos M, Bahamonde A. Multifunctional photocatalytic coatings for construction materials [Internet]. Nanotechnology in Eco-efficient Construction: Materials, Processes and Applications. Elsevier Ltd; 2018. 557–589 hal. Tersedia pada: <http://dx.doi.org/10.1016/B978-0-08-102641-0.00023-2>
38. Permatasari D, Ramadhani S, Sopyan I. Ko-Kristal: Teknik Pembuatan Ko-Kristal. Farmaka [Internet]. 2016;14(4):98–115. Tersedia pada: <http://jurnal.unpad.ac.id/farmaka/article/view/10461/5073>
39. Abdullah M, Khairurrijal K. Review: Karakterisasi Nanomaterial. J Nano Saintek. 2009;2(1):1–9.
40. Martin A, Swarbrick J CA. Farmasi Fisik. Jakarta: UI Press; 2009.
41. C. A. Pengantar Bentuk Sediaan Farmasi. 4 ed. Jakarta: UI Press; 2005.
42. Farmakope Indonesia Edisi VI. Kementerian Kesehatan Republik Indonesia. 2020.
43. Savjani KT, Gajjar AK, Savjani JK. Drug Solubility: Importance and Enhancement Techniques. ISRN Pharm. 2012;2012(100 mL):1–10.
44. Bou-Chacra N, Melo KJC, Morales IAC, Stippler ES, Kesisoglou F, Yazdanian M, et al. Evolution of Choice of Solubility and Dissolution Media After Two Decades of Biopharmaceutical Classification System. AAPS J. 2017;19(4):989–1001.
45. Christopher Vimalson D, Parimalakrishnan S, Jeganathan NS, Anbazhagan S. Techniques to enhance solubility of hydrophobic drugs: An overview. Asian J Pharm. 2016;10(2):S67–75.
46. Stauffer MT. Introductory Chapter: The Many Faces of Calibration and

Validation in Analytical Methodology in the Present Day. In: Intech [Internet]. 2018. Tersedia pada: <https://www.intechopen.com/books/advanced-biometric-technologies/liveness-detection-in-biometrics>

47. Ravisankar P, Pentyala A, Sai CB, P.Hemasri, Babu PS. Validation Characteristics and Statistics in Analytical Method Development. High Technol Lett [Internet]. 2021;27(7):76–88. Tersedia pada: <http://www.gjstx-e.cn/>
48. Rohman A, Irnawati, Riswanto FDO. Analisis Farmasi dengan Spektroskopi UV-Vis dan Kemometrika. Yogyakarta: Gadjah Mada University Press; 2022. 1–49 hal.
49. Hellgeth JW. Applied Spectroscopy News. Appl Spectrosc. 2007;61(4):84A.
50. Suhartati T. Dasar-Dasar Spektrofotometri UV-Vis dan Spektrometri Massa Untuk Penentuan Struktur Senyawa Organik. Perpustakaan Nasional RI. Bandar Lampung: AURA Anugrah Utama Raharja; 2017.
51. Indian Pharmacopeia - Etoricoxib. In 2022. hal. 2320–1.
52. Patel RD, Raval MK. Differential scanning calorimetry: A screening tool for the development of diacerein eutectics. Results Chem [Internet]. 2022;4(February):100315. Tersedia pada: <https://doi.org/10.1016/j.rechem.2022.100315>
53. O'Connor KM, Corrigan OI. Comparison of the physicochemical properties of the N-(2-hydroxyethyl) pyrrolidine, diethylamine and sodium salt forms of diclofenac. Int J Pharm. 2001;222(2):281–93.
54. Ma YH, Zhu MM, Zhang CN, Tang XS, Zhang WG, Ma WJ. The co-crystal structure of etoricoxib-phthalic acid (1/1), C₁₈H₁₅CIN₂O₂S·C₈H₆O₄. Zeitschrift fur Krist - New Cryst Struct [Internet]. 2023;238(4):641–3. Tersedia pada: <https://doi.org/10.1515/ncrs->

2023-0129

55. Sulistyowaty MI, Sari IP, Yusuf H, Zaini E. The Formation of p-Methoxycinnamic Acid-Caffeine Co- Crystal by the Solution Evaporation Method and its Physicochemical Characterization. AIP Conf Proc. 2023;
56. Chai Y, Wang L, Bao Y, Teng R, Liu Y, Xie C. Investigating the Solvent Effect on Crystal Nucleation of Etoricoxib. Cryst Growth Des. 2019;19(3):1660–7.
57. Sumarno D, Kusumaningtyas DI. Penentuan Limit Deteksi dan Limit Kuantitasi untuk Analisis Logam Timbal (Pb) dalam Air Tawar Menggunakan Alat Spektrofotometer Serapan Atom. J Balitbang KKP. 2018;16(1):7–11.

