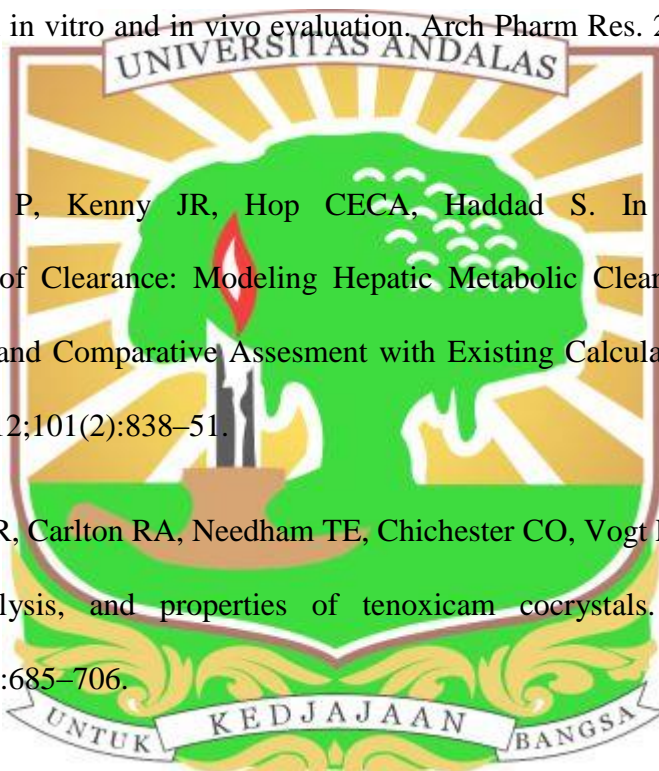


DAFTAR PUSTAKA

1. El-Hennawy MG, Halim SAA, Badawy A, Effat MA. Preparation, Characterization and Evaluation of Tenoxicam Gels and Microemulsion Gels for Topical Drug Delivery. *Inven Impact Pharm Technol.* 2013;2013(4):257–67.
2. Alladi S, Shastri NR. Semi solid matrix formulations of meloxicam and tenoxicam: An in vitro and in vivo evaluation. *Arch Pharm Res.* 2015;38(5):801–12.
3. Poulin P, Kenny JR, Hop CECA, Haddad S. In Vitro-In Vivo Extrapolation of Clearance: Modeling Hepatic Metabolic Clearance of Highly Bound Drugs and Comparative Assesment with Existing Calculation Methods. *J Pharm Sci.* 2012;101(2):838–51.
4. Patel JR, Carlton RA, Needham TE, Chichester CO, Vogt FG. Preparation, structural analysis, and properties of tenoxicam cocrystals. *Int J Pharm.* 2012;436(1–2):685–706.
5. Bolla G, Sanphui P, Nangia A. Solubility advantage of tenoxicam phenolic cocrystals compared to salts. *Cryst Growth Des.* 2013;13(5):1988–2003.
6. Taghi HS, Rasool AAA, Khalil YI. Enhancement of Tenoxicam Solubility By Hp-Beta- Cyclodextrin Based Nanosponge. *World J Pharm Pharm Sci.* 2016;5(4):525–34.

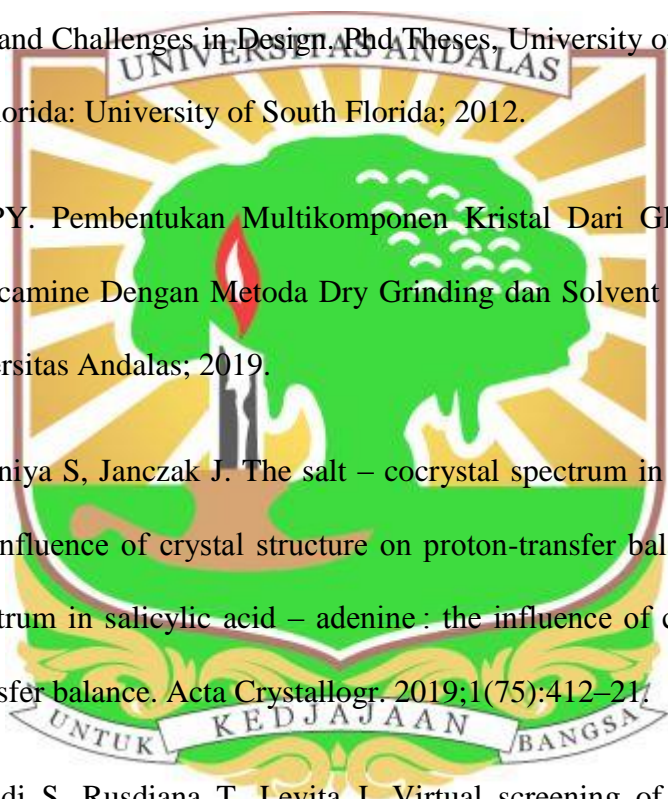


7. Darwish MK, Foad MM. Enhancement of the dissolution profile of Tenoxicam by a solid dispersion technique and its analytical evaluation using HPLC. *Drug Discov Ther.* 2009;3(1):27–36.
8. Karagianni A, Malamataris M, Kachrimanis K. Pharmaceutical cocrystals: New solid phase modification approaches for the formulation of APIs. *Pharmaceutics.* 2018;10(1):1–30.
9. Kumar S, Nanda A. Pharmaceutical cocrystals: An overview. *Indian J Pharm Sci.* 2017;79(6):858–71.
10. Karimi-jafari M, Padrela L, Walker GM, Croker DM. Creating Cocrystals: A Review of Pharmaceutical Cocrystal Preparation Routes and Applications. *Cryst Growth Des.* 2018;18:6370–87.
11. Jagtap S, Magdum C, Jadge D, Jagtap R. Solubility enhancement technique: A review. *J Pharm Sci Res.* 2018;10(9):2205–11.
12. Ren S, Liu M, Hong C, Li G, Sun J, Wang J, et al. The effects of pH, surfactant, ion concentration, coformer, and molecular arrangement on the solubility behavior of myricetin cocrystals. *Acta Pharm Sin B.* 2019;9(1):59–73.
13. Lenga RE. Caffein (Anhydrous). In: *The Sigma Aldrich Library of Chemical Safety Data.* Milwaukee: Sigma Aldrich Corp.; 1999.
14. A.C. M. Clarke's *Isolation and Identification of Drugs*, 2nd Ed. 2nd ed. Pharmaceutical Press; 1986. 421-423 p.

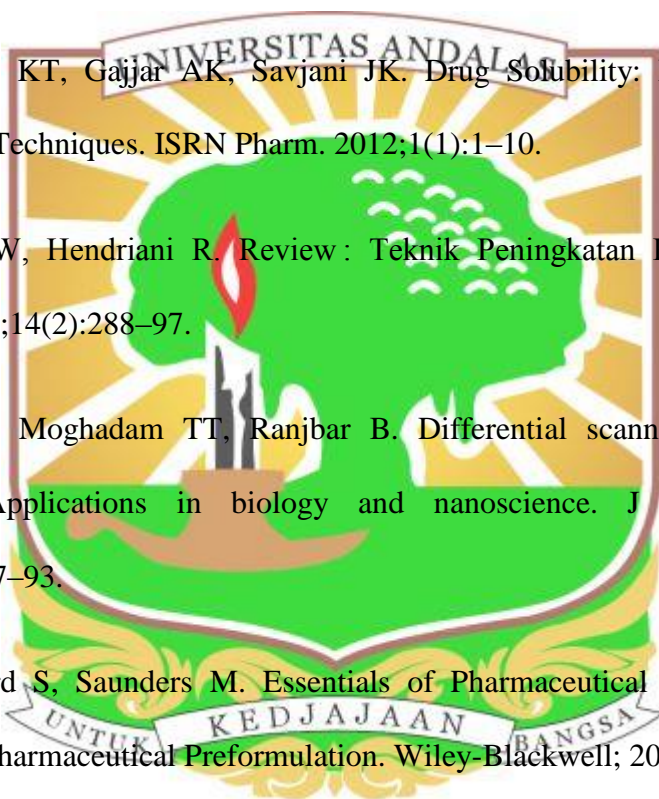
15. Anonim. Merck Index. 12th ed. New Jersey, USA: Merck and CO. Inc; 1996.
16. Patel JN, Rathod DM. Techniques to improve the solubility of poorly soluble drugs. *Int J Pharm LIFE Sci Te.* 2012;3(2):1459–69.
17. Brady JW. Molecular Dynamics Simulation Studies of Caffeine Aggregation in Aqueous Solution. *J Phys Chem B.* 2015;115(37):230–3.
18. AA Pharma. Tenoxicam product Monograph, AA Pharma. 1st ed. AA Pharma, editor. Vol. 1, Tenoxicam Product Monograph. Ontario: AA Pharma; 2010. 0-28 p.
19. Departemen Kesehatan Republik Indonesia. Farmakope Indonesia Edisi V. Jakarta: Departemen Kesehatan RI; 2014.
20. Committee on Food Chemical Codex. Caffeine. In: Food Chemical Codex. United State: National Academy Press; 1996. p. 44.
21. Shakeel F, Faisal MS. Caffeine: A potential complexing agent for solubility and dissolution enhancement of celecoxib. *Pharm Biol.* 2010;48(1):113–5.
22. Pokhrel P, Shrestha S, Rijal SK, Rai KP. A simple HPLC Method for the Determination of Caffeine Content in Tea and Coffee. *J Food Sci Technol Nepal.* 2016;9(1):74–8.



23. Butterfield G. Caffeine for the Sustainment of Mental Task Performance: Formulations for Military Operations. 1st ed. Vol. 37, Nutrition Today. Washington D. C.: National Academy Press; 2002. 26-27 p.
24. Alsabri SG, Mari WO, Younes S, Alsadawi MA, Oroszi TL. Kinetic and Dynamic Description of Caffeine. *J Caffeine Res.* 2018;8(1):3–9.
25. Clarke HD. Crystal Engineering of Multi-Component Crystal Forms : The Opportunities and Challenges in Design. Phd Theses. University of South Florida, USA. South Florida: University of South Florida; 2012.
26. Putri PY. Pembentukan Multikomponen Kristal Dari Gliklazid dan N-Methyl-D-Glucamine Dengan Metoda Dry Grinding dan Solvent Drop Grinding. Padang: Universitas Andalas; 2019.
27. Sedghiniya S, Janczak J. The salt – cocrystal spectrum in salicylic acid – adenine : the influence of crystal structure on proton-transfer balance The salt – cocrystal spectrum in salicylic acid – adenine : the influence of crystal structure on proton-transfer balance. *Acta Crystallogr.* 2019;1(75):412–217.
28. Siswandi S, Rusdiana T, Levita J. Virtual screening of co-formers for ketoprofen co-crystallization and the molecular properties of the co-crystal. *J Appl Pharm Sci.* 2015;5(6):78–82.
29. Dara AI, Husni P. Artikel Tinjauan: Teknik Meningkatkan Kelarutan Obat. *Farmaka.* 2017;15(4):49–57.



30. Jindal K. Review on Solubility: a Mandatory Tool for Pharmaceuticals. *Int Res J Pharm.* 2017;8(11):11–5.
31. Shahrin N. Solubility and Dissolution of Drug Product: A Review. *Int J Pharm Life Sci.* 2013;2(1):33–41.
32. Chavda H V., Patel CN, Anand IS. Biopharmaceutics classification system. *Syst Rev Pharm.* 2010;1(1):62–9.
33. Savjani KT, Gajjar AK, Savjani JK. Drug Solubility: Importance and Enhancement Techniques. *ISRN Pharm.* 2012;1(1):1–10.
34. Yoga W, Hendriani R. Review : Teknik Peningkatan Kelarutan Obat. *Farmaka.* 2013;14(2):288–97.
35. Gill P, Moghadam TT, Ranjbar B. Differential scanning calorimetry techniques: Applications in biology and nanoscience. *J Biomol Tech.* 2010;21(4):167–93.
36. Gaisford S, Saunders M. *Essentials of Pharmaceutical Preformulation.* Essentials of Pharmaceutical Preformulation. Wiley-Blackwell; 2012. 1-252 p.
37. Das R, Ali ME, Hamid SBA. Current applications of x-ray powder diffraction - A review. *Rev Adv Mater Sci.* 2014;38(2):95–109.
38. Padrela L, De Azevedo EG, Velaga SP. Powder X-ray diffraction method for the quantification of cocrystals in the crystallization mixture. *Drug Dev Ind Pharm.* 2012;38(8):923–9.



39. Khan SA, Khan SB, Khan LU, Farooq A, Akhtar K, Asiri AM. Fourier transform infrared spectroscopy: Fundamentals and application in functional groups and nanomaterials characterization. *Handb Mater Charact.* 2018;9(February):317–44.
40. Dachriyanus. Analisis Struktur Senyawa Organik Secara Spektroskopi. Padang: LPTIK Universitas Andalas; 2004.
41. Triyati E. Spektrofotometri Ultra-Violet dan Sinar Tampak Serta Aplikasinya dalam Oseanologi. *J Oseana.* 1985;10(1):39–47.
42. Amira H. Kamal* SFE-M and SFH. A review on UV spectrophotometric methods for simultaneous multicomponent analysis. *Eur J Pharm Med Res.* 2016;3(January):348–60.
43. Sari AIN, Kuntari K. Penentuan Kafein dan Parasetamol dalam Sediaan Obat Secara Simultan Menggunakan Spektrofotometer UV-Vis. *IJCA (Indonesian J Chem Anal.* 2019;2(1):20–7.
44. Mody H. Spectrophotometric Analysis of Overview. *Pharma Rev.* 2018;(January 2010):136–41.
45. Anonim. United States Pharmacopeia Edisi 32. 32nd ed. USP Convention; 2008.
46. Gozali D, Bahti HH, Soewandhi SN. Pembentukan Kokristal Antara Kalsium Atorvastatin dengan Isonikotinamid dan Karakterisasinya. *J Sains Mater Indones.* 2014;15(2):103–10.