

DAFTAR PUSTAKA

- Addiscott, T. M., & Benjamin, N. (2004). Nitrate and Human Health. *Soil Use and Management*, 20(2), 98–104.
- Anastas, P., & Eghbali, N. (2009). Green Chemistry: Principles and Practice. *Chem. Soc. Rev.*, 39(1), 301–312.
- Anastas, P. T., & Warner, J. C. (2000). *Green Chemistry: Theory and Practice*. Oxford University Press.
- Angga, A. V. (2015). *Reaksi Nitration Berbasis Green Chemistry Menggunakan Kalsium Nitrat pada Senyawa Vanilin, Asam Salisilat dan Veratraldehid* [Universitas Gadjah Mada].
- Bose, A. K., Ganguly, S. N., Manhas, M. S., Rao, S., Speck, J., Pekelny, U., & Pombo-Villars, E. (2006). Microwave Promoted Rapid Nitration of Phenolic Compounds with Calcium Nitrate. *Tetrahedron Lett.*, 47(12), 1885–1888.
- Buan, I. J. A., & Duldulao, D. J. C. (2021). Microwave-Assisted Synthesis of Para-Nitrophenol Using Calcium Nitrate. *Orient. J. Chem.*, 37(1), 243–246.
- Clark IV, G. S. (1999). Methyl Salicylate, or Oil of Wintergreen. *P&F Advertising*, 5–11.
- Clark, J. (2002). *Handbook of Green Chemistry and Technology* (D. Clark, James and Macquarrie, Ed.; First Edit). John Wiley & Sons.
- Ephrem, E., Najjar, A., Charcosset, C., & Greige-Gerges, H. (2018). Encapsulation of Natural Active Compounds, Enzymes, and Probiotics for Fruit Juice Fortification, Preservation, and Processing: An overview. *JFF*, 48, 65–84.
- Gallardo, E., Palma-Valdés, R., Sarriá, B., Gallardo, I., De La Cruz, J. P., Bravo, L., Mateos, R., & Espartero, J. L. (2016). Synthesis and Antioxidant Activity of Alkyl Nitroderivatives of Hydroxytyrosol. *Molecules*, 21(5), 656.
- Gulcin, İ. (2020). Antioxidants and Antioxidant Methods: An Updated Overview. *Arch. Toxicol.*, 94(3), 651–715.
- Gulcin, İ., & Alwasel, S. H. (2023). DPPH Radical Scavenging Assay. *Processes 2023, Vol. 11, Page 2248*, 11(8), 2248.
- Hayashi, Y. (2016). Pot Economy and One-Pot Synthesis. *Chem. Sci.*, 7(2), 866–880.
- Kim, J., De Castro, K. A., Lim, M., & Rhee, H. (2010). Reduction of Aromatic and Aliphatic Keto Esters using Sodium Borohydride/MeOH at Room Temperature: A Thorough Investigation. *Tetrahedron*, 66(23), 3995–4001.
- Lawson, S. K., Satyal, P., & Setzer, W. N. (2021). The volatile phytochemistry of seven native american aromatic medicinal plants. *Plants*, 10(6).
- Li, B., Li, M., Liu, J., Sun, W., Min, D., Li, F., & Li, X. (2023). Methyl Salicylate Pretreatment Maintains Quality and Antioxidant Capacity of Fresh-Cut Pitaya Fruit by Modulating Phenylpropanoid Metabolism and Antioxidant System. *Sci. Hortic.*, 309, 111705.

- Li, X., Zhang, L. P., Zhang, L., Yan, P., Ahammed, G. J., & Han, W. Y. (2019). Methyl Salicylate Enhances Flavonoid Biosynthesis in Tea Leaves by Stimulating the Phenylpropanoid Pathway. *Molecules* 2019, Vol. 24, Page 362, 24(2), 362.
- Miles, S. (2007). Methyl Salicylate. Dalam *xPharm: The Comprehensive Pharmacology Reference* (hlm. 1–6). Elsevier.
- Mottishaw, J. D., Erck, A. R., Kramer, J. H., Sun, H., & Koppang, M. (2015). Electrostatic Potential Maps and Natural Bond Orbital Analysis: Visualization and Conceptualization of Reactivity in Sangers Reagent. *J. Chem. Educ.*, 92(11), 1846–1852.
- Núñez, L. L., Amato, P., & Ervens, B. (2024). Bacteria in Clouds Biodegrade Atmospheric Formic and Acetic Acids. *Atmos. Chem. Phys.*, 24(9), 5181–5198.
- Oloyede, G. K. (2016). Toxicity, Antimicrobial and Antioxidant Activities of Methyl Salicylate Dominated Essential Oils of *Laportea aestuans* (Gaud). *Arab. J. Chem.*, 9, S840–S845.
- Ouellette, R. J., & Rawn, J. D. (2014). Organic Chemistry; Structure, Mechanism, and Synthesis. Dalam *Organic Chemistry*. Elsevier.
- Parcheta, M., Świsłocka, R., Orzechowska, S., Akimowicz, M., Choińska, R., & Lewandowski, W. (2021). Recent Developments in Effective Antioxidants: The Structure and Antioxidant Properties. *Materials*, 14(8), 1984.
- Prenzler, P. D., Ryan, D., & Robards, K. (2021). Introduction to Basic Principles of Antioxidant Activity. Dalam *Handbook of Antioxidant Methodology* (hlm. 1–62).
- Pridmore, R. W. (2011). Complementary colors theory of color vision: Physiology, color mixture, color constancy and color perception. *Color Res. Appl.*, 36(6), 394–412.
- Ridd, J. H. (1971). Mechanism of Aromatic Nitration. *Acc. Chem. Res.*, 4(7), 248–253.
- Sharma, O. P., & Bhat, T. K. (2009). DPPH antioxidant assay revisited. *Food Chem.*, 113(4), 1202–1205.
- Simmonds, D. J. (1991). Benzene and its Homologues. Dalam *Second Supplements to the 2nd Edition of Rodd's Chemistry of Carbon Compounds: A Modern Comprehensive Treatise* (Vol. 3, hlm. 1–114). Elsevier.
- Sulistyo, R., Retnowati Jurusan Kimia, R., Matematika dan Ilmu Pengetahuan Alam, F., Brawijaya Jl Veteran Malang, U., & korespondensi, A. (2015). Sintesis Salisilanilida dari Komponen Utama Minyak Gandapura. *Jurnal Ilmu Kimia Universitas Brawijaya*, 1(1), 805–811.
- Sulistyo, R., Suratmo, & Retnowati, R. (2015). Sintesis Salisilanilida dari Komponen Utama Minyak Gandapura. *Kimia Student Journal*, 1, 805–811.
- Vekariya, R. H., & Patel, H. D. (2014). Selective Nitration of Phenolic Compounds by Green Synthetic Approaches. *Synthetic Communications*, 44(16), 2313–2335.

Wang, L., Yang, F., Zhao, X., & Li, Y. (2019). Effects of Nitro- and Amino-Group on the Antioxidant Activity of Genistein: A Theoretical Study. *Food Chem.*, 275, 339–345.