

## DAFTAR PUSTAKA

- Agency for Toxic Substances and Disease Registry (ATSDR), 1992, *Toxicological Profile for Nitrophenols* (Draft), Public Health Service, U.S. Department of Health and Human Services, Atlanta.
- Agrawal, A., and Tratnyek, P.G., 1996, *Reduction of Nitro Aromatic Compounds by Zero-Valent Iron Metal*, Environ. Sci. Technol., **30**: 153-160.
- Anonim, 1994, *Farmakope Indonesia*, Edisi IV, Departemen Kesehatan Republik Indonesia, Jakarta.
- Anonim, 2000, *Pendayagunaan Potensi Farmasi Nasional di Era Globalisasi*, BPPT, Jakarta.
- Attaur, R., 1986, *Nuclear Magnetic Resonance : Basic Principles*, Springer Verlag, New York.
- Central Drug Research Institute, 2002, *Broad Outline of manufacturing Process of Acetaminophen*, Central Drug Research Institute Lucknow, India.
- Chang, R., 2002, *Chemistry Seventh Edition*, Mc Graw Hill, New York.
- Craig, C.R., 1990, *Modern Pharmacology*, 4<sup>th</sup> Ed., Liyye Brown Co., New York.
- Dirjen Kefarmasian dan Alat Kesehatan Republik Indonesia, 2016, *Upaya Kemandirian Produksi Bahan Baku Obat di Indonesia* dalam Buletin Informasi Farmasi dan Alat Kesehatan, Kementrian Kesehatan Republik Indonesia Setditjen Kefarmasian dan Alkes, Jakarta.
- Drug Bank, 2005, *p-Nitrophenol*, <https://www.drugbank.ca/drugs/DB04417>, 1 Maret 2017.
- Ellis, F., 2002, *Parasetamol – A Curriculum Resource*, Royal Society of Chemistry, London.
- Ewing, G.W., 1985, *Instrumental Methods of Chemical Analysis*, McGraw Hill Book, Singapore.
- Fessenden, R.J., dan Fessenden, J.S., 1982, *Kimia Organik* Jilid 1, Erlangga, Jakarta.
- Furniss, B.S., A.J., Hannaford, P.W.G., Smith, and A.R., Tatchel, 1978, *Vogel's Textbook of Practical Organic*, New York.

- Gandjar, I.G., dan Rohman, A., 2007, *Kimia Farmasi Analisis*, Gadjah Mada University Press, Yogyakarta.
- Graham, G.G., Davies, M.J., Day, R.O., Mohamudally, A., and Scott, K.F., 2013, *The Modern Pharmacology of Paracetamol: Therapeutic Actions, Mechanism of Action, Metabolism, Toxicity And Recent Pharmacological Finding*, *Inflammopharmacology*, **21**: 201-232.
- Hendayana, S., Kadarohman, A., Sumarna, A.A., dan Asep, S., 1994, *Kimia Analitik Instrumen*, IKIP Semarang PRESS, Semarang.
- Hornback, J.M., 2006, *Organic Chemistry*, 2<sup>nd</sup> Edition, Thomson Higher Education 10 Davis Drive Belmont, USA.
- IMS Health, 2013, *Top 25 Medicines by Dispensed Prescriptions (U.S.)* on National Prescription Audit Dec. 2012, IMS Institute for Healthcare Informatics, USA.
- Jaenchen, D.E., 1997, *Thin Layer (Planar) Chromatography*, In *Handbook of Instrumental Technique for Analytical Chemistry*. F.Scctle (Ed), Pretince Hall PTR, Upper Saddle River, NJ.
- Joncour, R., Duguet, N., Metay, E., Ferreira, A., and Lemaire, M., 2014, *Amidation of Phenol Derivatives: A Direct Synthesis of Paracetamol (Acetaminophen) from Hydroquinone*, *Green Chem.*, **16**: 2997–3002.
- Jork, H., Funk, W., Fischer, W., and Wimmer, H., 1990, *Thin-Layer Chromatography : Recent and Detection Methods*, translated by Frank and Hampson, J.A., VCH Verlagsgesellschaft, Weinheim.
- Kealey, D., and Haines, P.J., 2002, *Analytical Chemistry*, BIOS Scientific Publishers Limited, Oxford.
- Kemenristek, 2009, *Terobosan Kemandirian Industri Farmasi Indonesia*, Kementrian Riset dan Teknologi Republik Indonesia, Jakarta.
- King, E.L., 1963, *How Chemical Reaction Occur*, W. A. Benjamin Inc., New York.
- Lawrence, F. R., and Marshall, W. J, 1985, *Ullmann's Encyclopedia of Industrial Chemistry*, VCH Publishers, New York.

- Lednicer, D. and Mitscher A.L., 1977, *The Organic Chemistry of Drug Synthesis*, John Wiley & Sons Publication, New York.
- Lewis, R.J. Sr., 2007, *Hawley's Condensed Chemical Dictionary* 15th Edition, John Wiley & Sons Publication, p. 62, New York, cit Chemical Book, 2004, *4-Aminophenols*, <https://pubchem.ncbi.nlm.nih.gov/compound/4aminophenol#section=Top>, 1 Maret 2017.
- Lide, D.R. , 2007, *CRC Handbook of Chemistry and Physics* 8<sup>th</sup> Edition 2007-2008, CRC Press Taylor & Francis, Boca Raton.
- Lynn, E.V., 1948, *Organic Chemistry with Application to Pharmacy and Medicine* 3<sup>rd</sup> Edition, Lea and Febiger, Philadelphia.
- Mitchel, C.S., Paul C., and Rosemary W., 2001, *Kirk-Othmer Encyclopedia of Chemical Technology*, John Wiley & Sons Publication, New York.
- Mitchel, S., 1992, *Kirk-Othmer Encyclopaedia of Chemical Technology* Vol.2 4<sup>th</sup> Edition, Wiley-Interscience, New York.
- Mulja dan Suharman, 1995, *Analisis Instrumental*, Airlangga University Press, Surabaya.
- Mutschler, E., 1991, *Dinamika Obat*, diterjemahkan oleh Mathilda, B.W., dan Anna, S.R. Edisi V, Penerbit ITB, Bandung.
- Negishi, E., 2002, *Organopalladium Chemistry*, Wiley Interscience, New York.
- Pavia, D., Lampman, G.M., Kriz, G.S., and Vyvyan, J.R., 1979, *Introduction of Spectroscopy : A Guide for Students of Organic Chemistry*, W.B. Saunders Company, Washington.
- Petrucci, R.H., 1992, *Kimia Dasar: Prinsip dan Terapan Modern*, Erlangga, Jakarta.
- Pipal, J.R. 1997, *Melting Point and Freezing Point*, in Lagowski, J.J. (Ed.), *Macmillan Encyclopedia of Chemistry*, Vol. 3., 898-900, Simon & Schuster Macmillan, New York.
- Price, S.A. and Wilson, L.M., 2002, *Patofisiologi; Konsep Klinis Proses-Proses Penyakit*, diterjemahkan oleh Huriawati Hartanto *et al.*, Edisi 6, Volume 2, Buku Kedokteran EGC, Jakarta.

- Pudjono, 1984, Modifikasi Molekul Parasetamol Dengan Menutupi Gugus Toksigenik (Untuk Menghambat Pembentukan Arilamin), *Tesis*, Universitas Gadjah Mada, Yogyakarta.
- Sastrohamidjojo, H., 2013, *Dasar-dasar Spektroskopi*, Gadjah Mada University Press, Yogyakarta.
- Serjeant, E.P., and Dempsey, B., 1979, *Ionisation Constants of Organic Acids in Aqueous Solution. International Union of Pure and Applied Chemistry (IUPAC) IUPAC Chemical Data Series No. 23*, Pergamon Press, Inc., New York.
- cit Chemical Book, 2004, 4-Nitrophenol, <https://pubchem.ncbi.nlm.nih.gov/compound/4Nitrophenol#section=Top>, 1 Maret 2017.
- Sharp M.J., Gemmell J.C., and Tison J.-L., 1989, *Structure and Stability of The Former Subglacial Drainage System of The Glacier De Tsanfleuron, Earth Surface Processes and Landforms*, Switzerland.
- Sherma, J., 1996, *Basic Techniques, Materials and Apparatus*, Scientific Publishers Limited, Oxford.
- Sherwood, T.K., Robert L., and Pigford, 1952, *Absorption and Extraction*, Mc Graw Hill, New York.
- Shriner, R.L., Fuson, R.C., Curtin, D.Y., and Morrill, T.C., 1980, *The Systematic Identification of Organic Compounds* 6<sup>th</sup> ed., 12, John Wiley & Sons Publication, New York.
- Silberberg, M.S., 2000, *Chemistry: The Molecular Nature of Matter and Change*, Mc Graw Hill, New York.
- Silverstein, R.M. and Webster, F.X., 1998, *Spectrometric Identification of Organic Compounds*, Springer Verlag New York Inc., New York.
- Srivastava, A.K., and Jain, P.C., 2008, *Chemistry Vol 1 & 2*, Ansari Road Darya Ganj, New Dehli, V.K. (India) Enterprises
- Sukardjo, 1985, *Kimia Fisika*, Bina Aksara, Yogyakarta.
- Trishna, 2012, *Super Course in Chemistry for the IIT-JEE: Organic Chemistry*, Pearson Education India, India.

- Triyono, 2002, *Kimia Katalis*, Jurusan Kimia Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Gadjah Mada, Yogyakarta.
- U.S. Department of Health and Human Services. Hazardous Substances Data Bank (HSDB, online database), 1993, *National Toxicology Information Program, National Library of Medicine*, Bethesda, MD.
- Vogel, A.I., 1964, *Practical Organic Chemistry* 3<sup>rd</sup> Edition, Longmans, Green and Co. Ltd., London.
- Willard, H.H., Merrit, L.M. Jr., Dean, J.A., and Settle, F.A. Jr., 1988, *Instrumental Methods of Analysis*, 7<sup>th</sup> ed., Wadsworth, Inc., California.
- Willette, R.E., 1982, *Analgesic Agents*, dalam J.N. Delgado dan W. A. Remers (eds.) *Wilson and Gisvold's Textbook of Organic Medicinal and Pharmaceutical Chemistry*, 8<sup>th</sup> Ed., J.B. Lippincott, Philadelphia.
- Wolfe, D. H., 1984, *Introduction to College Chemistry*, Mc Graw Hill, New York.
- Yulianto, Y.T., 2010, Prarancangan Pabrik Nitrobenzene dari Benzena dan Asam Campuran dengan Proses Kontinyu Kapasitas 120.000 Ton/ Tahun, *Skripsi*, Teknik Kimia Fakultas Teknik Universitas Muhammadiyah Surakarta, Jawa Tengah.