

## DAFTAR PUSTAKA

- Allen Jr., L.V. & Ansel, H.C., 2014, *Ansel's Pharmaceutical Dosage Forms and Drug Delivery System*, 323, Lippincot Williams & Wilkins, Philadelphia
- Anief, M., 1993, *Farmasetika*, 111, Gadjah Mada University Press, Yogyakarta
- Anonim, 2007, *Sunscreen Drug Products for Over-the-Counter Human Use, Proposed Amandment of Final Monograph*, 73, Food and Drug Administration, USA
- Anonim, 2009, *The United States Pharmacopeia*, 32<sup>th</sup> Edition, 751, The United State Pharmacopeial Convention, United States
- Anonim, 2014, *Peraturan Kepala Badan Pengawasan Obat dan Makanan RI Nomor 7 Tahun 2014 tentang Pedoman Uji Toksisitas Nonklinik Secara In Vivo*, 65-70, BPOM RI, Jakarta
- Anonim, 2015, *OECD Guideline For Testing of Chemicals*, 1, Organisation for Economic Cooperation and Development, Paris
- Anonim, 2015, *Seri Buku Petunjuk Praktikum Teknologi Farmasi : Teknologi Formulasi Sediaan Cair Semi Padat*, 59 & 75-76, Laboratorium Teknologi Farmasi Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta
- Beevers, C.S. & Huang, S., 2011, Pharmacological and Clinical Properties of Curcumin, *Botanics.*, **2011**(1), 5
- Chin Lin, C. & Jen Lin, W., 2009, Sun Protection Factor Analysis of Sunscreens Containing Titanium Dioxide Nanoparticles, *J Food Drug Anal.*, **19**(1), 3-5
- Diffey, B., 2000, Has The Sun Protection Factor Had Its Day, *BMJ.*, **320**, 176
- Draize, J.H., Woodrad, G., Calvery, H.O., 1944, Methods for The Study of Irritation and Toxicity of Substances Applied Topically to The Skin and Mucous Membranes, *J. Pharm. Exp. Ther.*, **82**, 389
- Dutra, E.A., Oliveira, D.A.G.C., Kedor-Hackmann, E.R.M., Santoro, M.I.R.M., 2004, Determination of Sun Protection Factor (SPF) of Sunscreens by Ultraviolet Spectrophotometry, *Braz. J. Pharm. Sci.*, **40**(3), 381-382
- Ebrahimzadeh, M.A., Enayatifard, R., Khalili, M., Ghaffarloo, M., Saeedi, M., Charati, J.Y., 2013, Correlation Between Sun Protection Factor and Antioxidant Activity, Phenol and Flavonoid Contents of Some Medicinal Plants, *Iran J Pharm Res*, **13**(3), 1042-1046
- Faharvian, A.D., 2016, Optimasi Formula Gel Tetrahidropentagamavunon-0 dengan Kombinasi Basis Karbomer dan CMC Na Menggunakan Metode Simplex Lattice Design, *Skripsi*, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta

- Febriana, H.I., 2016, Formulasi Gel Tetrahidropentagamavunon-0 (THPGV-0) dan Uji Iritasi Akut Dermal pada Kelinci serta Penentuan Nilai SPF secara In Vitro, *Skripsi*, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta
- Fisher, G.J., Wang, Z.Q., Datta, S.C., Varani, J., Kang, S., Voorhees, J.J., 1997, Patophysiology of Premature Skin Aging Induced by Ultraviolet Light, *N Engl J Med*, **337**(20), 1419
- Fluhr, J.W., Darlenski, R., Angelova-Fischer, I., Tsankov, N., Basketter, D., 2008, Skin Irritation and Sensitization: Mechanisms and New Approaches for Risk Assesment, *Skin Pharmacol Physiol*, **21**, 124
- Gilman, M.R., Evans, R.A., De Salva, S.J., 1978, The Influence of Concentration, Exposure Duration, and Patch Occlusivity Upon Rabbit Primary Dermal Irritation Indices, *Drug Chem. Toxicol.*, **1**(4), 392-396
- Gonzalez, S., Fernandez-Lorente, M., Gilaberte-Cazalda, Y., 2008, The Latest on Skin Photoprotection, *Clin. Dermatol*, **26**, 616
- Hakim, A.R., Ritmaleni, Eldizar, F.Y., Yugatama, A., 2015, Pharmacokinetic Profile of Tetrahidropentagamavunon-0 (THPGV-0) in Wistar Rats Oral and Intravenous Administration, *Int. J. Pharm. Sci. Rev. Res.*, **35**(1), 165
- Lammintausta, K. & Maibach, H.I., 1988, Exogenous and Endogenous Factors in Skin Irritation, *Int. J. Dermatol.*, **27**(4), 213-214 & 216-218
- Latha, M.S., Martis, J., Shobha, V., Shinde, R.S., Bangera, S., Krishnankutty, B., Bellary, S., Varughese, S., Rao, P., Kumar, N., 2013, Sunscreening Agents : A Review, *J Clin Aesthet Dermatol*, **6**(1), 18
- Marks, R. & Kingston, T., 1985, Acute Skin Toxicity Reactions in Man-Tests and Mechanisms, *Fd Chem. Toxic.*, **23**(2), 160
- Marzulli, F.N. & Maibach, H.I., 1975, The Rabbit As A Model for Evaluating Skin Irritants: A Comparison of Results Obtained on Animals and Man Using Repeated Skin Exposures, *Fd. Cosmet. Toxicol.*, **13**, 533
- Nugroho, A.E., Ritmaleni, Abdi Sahid, N., Maeyama, K., 2010, Inhibitory Effect of THPGV-0 on Histamine Release from Antigen-Induced RBL-2H3 Cells, *Majalah Farmasi Indonesia*, **21**(4), 243-247
- Öhman, H. & Vahlquist, A., 1994, In Vivo Studies Concerning a pH Gradient in Human *Stratum Corneum* and Upper Epidermis, *Acta Derm Venereol (Stockholm)*, **74**, 375
- Opdyke, D.L.J. & Letizia, C., 1983, Monographs on Fragrance Raw Materials, *Ed Chem. Toxic.*, **21**(6), 839

- Phillips II, L., Steinberg, M., Maibach, H.I., Akers, W.A., 1972, A Comparison of Rabbit and Human Skin Response to Certain Irritants, *Toxicol Appl Pharmacol*, **21**, 374-375
- Poljsak, B. & Dahmane, R., 2011, Free Radicals and Extrinsic Skin Aging, *Dermatol. Res. Prat.*, **2012**, 1-3
- Portes, E., Gardrat, C., Castellan, A., 2007, A Comparative Study on The Antioxidant Properties of Tetrahydrocurcuminoids and Curcuminoids, *Tetrahedron*, **63**(2007), 9092-9099
- Putri, D.O.A., 2016, Optimasi Formula Krim Senyawa Tetrahidropentagamavunon-0 Menggunakan Metode *Simplex Lattice Design, Skripsi*, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta
- Ritmaleni & Simbara, A., 2010, Sintesis Tetrahidropentagamavunon-0, *Majalah Farmasi Indonesia*, **21**(2), 100-104
- Robinson, M.K., 2002, Population Differences in Acute Skin Irritation Responses, *Contact Derm.*, **46**, 92
- Saladin, K.S., 2008, *Human Anatomy*, 2<sup>nd</sup> Edition, 129, The McGraw-Hill Companies Inc., New York
- Sayre, R.M., Agin, P.P., LeVee, G.J., Marlowe, E., 1979, A Comparison of *In Vivo* and *In Vitro* Testing of Sunscreening Formulas, *Photocem. Photobiol*, **29**, 560 & 566
- Schalka, S. & Reis, V.M.S., 2011, Sun Protection Factor: Meaning and Controversies, *An. Bras Dermatol.*, **86**(3), 514
- Schalka, S., Reis, V.M.S., Cuce, L.C., 2009, The Influence of The Amount of Sunscreen Applied and Its Sun Protection Factor (SPF): Evaluation of Two Sunscreens Including The Same Ingredients at Different Concentrations, *Photodermatol. Photoimmunol. Photomed*, **25**, 179
- Simbara, A., 2009, Sintesis dan Uji Aktivitas Antioksidan Senyawa Tetrahidropentagamavunon-0 (THPGV-0), *Tesis*, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta
- Tortora, G.J. & Derrickson, B., 2014, *Principles of Anatomy and Physiology*, 14<sup>th</sup> Edition, 143-161, John Wiley & Sons, Inc., Hoboken
- Wilkinson, J.B. & Moore, R.J., 1982, *Harry's Cosmeticology*, 7<sup>th</sup> Edition, 51 & 241, Chemical Publishing Company, New York