



DAFTAR PUSTAKA

- Aanachia E. S., Gali L., Nacer N. S., Bensouici C, Dari K., Aassila H. 2020. Phenolic Contents And In Vitro Investigation Of The Antioxidant, Enzyme Inhibitory, Photoprotective, And Antimicrobial Effects Of The Organic Extracts Of *Pelargonium Graveolens* Growing In Morocco. *Biocatalysis And Agricultural Biotechnology*. 29(20):101819.
- Abubakar, A. R., Haque M. 2020. Preparation of Medicinal Plants: Basic Extraction and Fractionation Procedures for Experimental Purposes. *J Pharm Bioallied Sci.*,12(1):1–10.
- Ahmady A., Amini M. H., Zhakfa A.M., Babak G., Sediqi M. N. 2020. Sun Protective Potential And Physical Stability Of Herbal Sunscreen Developed From Afghan Medicinal Plants. *Turk J Pharm Sci.* 17(3): 285292.
- Ahsanti A. Dan Nuringtyas R. T.. 2016. Aktivitas Tabir Surya Secara In Vitro Dan Kandungan Total Tanin Ekstrak Daun Gaharu Dari Spesies *Aquilaria Malaccensis* Lamk. Dan *Gyrinops Versteegii* (Gilg) Domke.. *Skripsi*. Universitas Gadjah Mada Yogyakarta.
- Aprilia V., Hadi, Saebani, Bhima S. K. L., Ismail A. 2018. Pengaruh Pemberian Butylated Hydroxytoluene (2,6-Ditert-Butyl-4-Methylphenol) Per Oral Dosis Bertingkat Terhadap Gambaran Histopatologis Ginjal. *Jurnal Kedokteran Diponegoro*. 7(2): 1154-1165
- Babenko M, Smirnov, Romanenko, Trunova, And Kosakivska. 2019. Phenolic comPounds in Plants: biogenesis and functions. *Biochem.* 91(3): 2409-4943
- Buide L.M, Justen B., Valladares F., Narbona E., 2020. UV radiation increases phenolic compound protection but decreases reproduction in *Silene littorea* Jose' Carlos Del ValleID1. *PLOS ONE*. 15(6):e0231611 doi.org/10.1371/journal.pone.0231611
- Bussotii F., Gravano E., Grossoni P., Tani C. 1998. Occurrence of tannins in leaves of beech trees (*Fagus sylvatica*) along an ecological gradient, detected by histochemical and ultrastructural analyses. *New phytol.* 138(3): 469 – 479.
- Cao I. Y., Fang S., Fu X., Shang X. and Yang W. 2019. Seasonal Variation in Phenolic Compounds and Antioxidant Activity in Leaves of Cyclocarya paliurus. *Forests*.10(8): 1-17
- Constantinou C, Papas A, Constantinou A. I. 2008. Vitamin E and cancer: An insight into the anticancer activities of vitamin E isomers and analogs. *Int. J. Cancer*.13(1): 739–752.
- Costa, C.C., .Detoni C., Carla R.C. Branco M., Alexsandro B. 2015. In Vitro Photoprotective Effects Of Marctetia Taxifolia Ethanolic Extract and Its Potential For Sunscreen Formulations. *Revista Brasileira De Farmacognosia*. **25** (4): 413–418.
- Daré R.G., Nakamura C. V., Ximenes V. F., Lautenschlager S.O.S. 2020. Tannic acid, a promising anti-photoaging agent: Evidences of its antioxidant and anti-wrinkle potentials, and its ability to prevent photodamage and MMP-1 expression in L929 fibroblasts exposed to UVB. *F Radical Biology and*



- Medicine.* 160(20):342-355.
- Darmapatni K. A. G., Basori, and Suaniti N M.2016. Pengembangan Metode Gc-Ms Untuk Penetapan Kadar Acetaminophen Pada Spesimen Rambut Manusia. *Jurnal Biosains Pascasarjana.* 18(3):64-71.
- Dutra, E., A. Oliceira A. G. C., Hackmann E. R. M., Santroro M. I. R. 2004. Determination of sun protection factor (SPF) of sunscreens by ultraviolet spectrophotometry. *Revista Brasileira de Ciências Farmacêuticas Brazilian Journal of Pharmaceutical Sciences.* 40(3): 381-385.
- Elgailani E. H., and Ishak C.Y. 2014. Determination of Tannins of Three Common Acacia Species of Sudan. Corporation Advances in Chemistry. ID 192708
- Fiqa P. A., Budiharta S., Siahaan A.F, Rindyastuti R., 2020. Population Structure Of *Gyrinops Versteegii* Within Floristic Community In Nggalak Protection Forest, Flores Island, Indonesia. *Biodiversitas.* 21 (4): 1561-1568.
- Fonseca A. And Rafaela N . 2013. Determination Of Sun Protection Factor By Uv-Vis Spectrophotometry. *Health Care Current.*1(1): 1-4.
- Geraldine T. Elsa And Hastuti D. 2018. Formulation Of Sunscreen Cream Of Parijoto Fruit Extract (*Medinilla Speciosa* Blume) And In Vitro SPF Value Test. *Jurnal Farmasi Sains Dan Komunitas.* 15(2): 92-98. <http://dx.doi.org/10.24071/jpsc.1521525>
- Gori, A., Marino G., Fini A., Brunetti C., Guidi L., Tattini M., Centritto M. 2021. Photoprotective Role of Photosynthetic and Non-Photosynthetic Pigments in *Phillyrea latifolia*: Is Their “Antioxidant” Function Prominent in Leaves Exposed to Severe Summer Drought?. *Int. J. Mol. Sci.* 22(8303): 1-18, <https://doi.org/10.3390/ijms22158303>.
- Güneş F. E. 2013. Medical Use of Squalene as a Natural Antioxidant. *MÜSBED.*3(4): 220-228.
- Halarewicz A. 2011. Tissue Localization Of The Condensed Tannins In The Leaves Of The Black Cherry, *Prunus Serotina* Ehrh. *EJPAU* .14(4):1-7.
- Hamboroputro and Yuniwati M. 2017. Pengambilan Zat Tanin dari Daun Alpukat (*Persea americana* Mill.) melalui Proses Ekstraksi dengan Pelarut Etanol (Variabel Suhu Ekstraksi). *Jurnal Inovasi Proses.* 2(1): 19-24.
- Hassanpour S., Maherl N., Eshratkhah B., And Mehmandar B. F. 2011. Plants And Secondary Metabolites (Tannins). *International Journal Of Forest.* 1(1): 47-53.
- Huang Z., Lin Y. and Fang J. 2009. Biological and Pharmacological Activities of Squalene and Related Compounds: Potential Uses in Cosmetic Dermatology. *Molecules.*14(1): 540–554.
- Ilmiah H. H. , Nuringtyas R. T., Nugroho H. L.. 2018. Accumulation Of Potential Photo-Protective Compound Groups In Mangrove (*Sonneratia Caseolaris* (L.) Engler.) Leaves. *Pharmacognosy Journal.*10(3):576-580. <https://doi.org/10.5530/pj.2018.3.94>
- Ismail, I. Potensi Bahan Alam Sebagai Bahan Aktif Kosmetik Tabir Surya. *Jurnal Ilmiah Farmasi.* 5(1): 2302 – 2493.
- Jiang Y., Zhang H., Qi X., Wu G. 2020. Structural Characterization And Antioxidant Activity Of Condensed Tannins Fractionated From Sorghum



- Grain. *Journal of Cereal Science.* 92(20):102918.
<https://doi.org/10.1016/j.cjs.2020.102918>
- Junairiah, Amalia N. S., Manuhara S. W., Ni'matuzahroh, Sulistyorini L. 2019. Pengaruh Variasi Zat Pengatur Tumbuh Iaa, Bap, Kinetin Terhadap Metabolit Sekunder Kalus Sirih Hitam. *Jurnal Kimia Riset.* 4 (2): 121-132.
- Karabourniotis G., Liakopoulos G. 2005. Phenolic compounds in plant cuticles: Physiological and ecological aspects. *scientific publishers.* 8(5): 33-47.
- Katja, D. G., and Suryanto E. 2009. Aktivitas Penangkal Radikal Bebas Dan Penstabil Oksigen Singlet DariEkstrak Daun Kunyit (*Curcuma domestica* Val.). *Chem. Prog.* 2(2):87-95.
- Khanbabae K., Ree V. T. 2001. Tannins: Classification And Definition. *The Royal Society Of Chemistry.*, 18(6):641-9.
- Khoddami A., Wilkes M. A., and Roberts T.H. 2013. Techniques for Analysis of Plant Phenolic Compounds. *PLOS ONE.* 18(2): 2328-2375.
doi: [10.3390/molecules18022328](https://doi.org/10.3390/molecules18022328)
- Knogge W., & Weisenbeck G. 1986. Tissue-distribution of secondary phenolic biosynthesis in developing primary leaves of *Avena sativa* L. *Planta.* 167(2):196-205.
- Kumar S. And . Pandey A. 2013. Chemistry And Biological Activities Of Flavonoids. *The Scientific World Journal.* 2013 (62750): 3-16.
- Kuster C. V. And Vale A.H. F. 2016. Leaf Histochemistry Analysis Of Four Medicinal Species From Cerrado. *Rev. Bras. Farmacogn.* 26 (6): 673-678.
DOI:[10.1016/j.bjp.2016.05.015](https://doi.org/10.1016/j.bjp.2016.05.015)
- Lefahal M., Zaabat N., Ayad R., Makhlofi E. H., Djarr L., Benahmed M., Laouer G.N., and Akkal S. 2018. In Vitro Assessment of Total Phenolic and Flavonoid Contents, Antioxidant and Photoprotective Activities of Crude Methanolic Extract of Aerial Parts of *Capnophyllum peregrinum* (L.) Lange (Apiaceae) Growing in Algeria. *Medicines (Basel).* 5(2): 26.
doi: [10.3390/medicines5020026](https://doi.org/10.3390/medicines5020026)
- Lin D., Xiao M., Zhao J., Li Z., Xing B., Li X., Chen S., Kong M., Li L., Zhang Q., Liu Y., Chen H., Qin W., and Wu H. 2016. An Overview of Plant Phenolic Compounds and Their Importance in Human Nutrition and Management of Type 2 Diabetes. *Molecules.* 21(10):1374.
DOI:[10.3390/molecules21101374](https://doi.org/10.3390/molecules21101374)
- Lin, D.R.; Hu, L.J.; You, H.; Sarkar, D.; Xing, B.S.; Shetty, K. 2010. Initial Screening Studies On Potential Of Highphenolic-Linked Plantclonal Systems For Nitrate Removal In Cold Latitudes.J. *Soils Sediment.*10(5): 923–932.
- Linawati N., Fathan M., Nurlitasari D. 2019. Penentuan Nilai Spf Ekstrak Etil Asetat Daun Mangga Gedong Menggunakan Spektrofotometri Uv – Vis. *Jurnal Riset Kefarmasian Indonesia.* 1(2): 157-166.
- Maghfiroh L., Rahayu T., Hayati A. 2013. Histochemical Profile and In Silico Analysis of Secondary Metabolite Compound in Olive Leaves (*Olea euroaea* L.). *Molecules.* 18(2): 2328–2375.
- Malsawmtluangi C., Nath D. K., Jamatia I., Lianhimthangi, Zarzoliana, Pachuau



- L. 2013. Determination of Sun Protection Factor (SPF) number of some aqueous herbal extracts. *Journal of Applied Pharmaceutical Science*. 3(09): 150-151. <https://doi.org/10.7324/JAPS.2013.3925>
- Manurung, D.I., Hidayati L., Wijaya N., Nuringtyas T. R. 2021. Metabolite profiling of agarwood (*Gyrinops versteegii* (Gilg.) Domke) leaves from difference growth locations using Thin Layer Chromatography. *Jurnal Biologi Tropis*. 21(2): 615 – 623.
- Marchica A., Cotrozzi L., Detti R., Lorenzini G., Pellegrini E., Petersen M., Nali C. 2020. The Biosynthesis of Phenolic Compounds Is an Integrated Defence Mechanism to Prevent Ozone Injury in *Salvia officinalis*. *Antioxidants (Basel)*. 9(12): 1274. doi: [10.3390/antiox9121274](https://doi.org/10.3390/antiox9121274)
- Marobela K., Ghislain F.W., Okatch H., Majinda R.R. 2013. Polyphenols: A Diverse Class Of Multi-Target Anti-Hiv-1 Agents. *Current Drug Metabolism*. 14(4): 392-413.
- Maulana, Falah S., Andrianto D. 2019. Total phenolic content, total flavonoid content, and antioxidant activity of water and ethanol extract from Surian (*Toona sinensis*) leaves. *International Seminar on Sciences IOP Conf*. 299(19): 012021.
- Mega I M. and Swastin A. D . 2010. Screening Fitokimia Dan Aktivitas Antiradikal Bebas Ekstrak Metanol Daun Gaharu (*Gyrinops versteegii*). *Jurnal Kimia* 4 (2): 187-192.
- Moraes J. D., Oliviera R., Costa J., Junior A., Sousa D., Freitas R., Allegretti S., Pinto P. 2014. Phytol, a Diterpene Alcohol from Chlorophyll, as a Drug against Neglected Tropical Disease Schistosomiasis Manson. *PLoS Negl Trop Dis*. 8(1): e2617.
- Mulenga, M., Mbanga L., Mpiana P.T, Bokolo K., Mumbwa M., Mvingu K. 2014. Determination of Sun Protection Factor (SPF) of Some Body Creams and Lotions Marketed in Kinshasa by Ultraviolet Spectrophotometry. *IJJARCS*. 1(8): 7-13.
- Mulyaningsih, Marsono, Sumardi, Yamada. 2017. Infraspecific Diversity of Gaharu (*Gyrinops versteegii* (Gilg.) Domke) in Western Lombok Island. *Jurnal Penelitian Hutan dan Konservasi*. 14(1): 57-66.
- Murugan R. And Parimelazhagan T. 2014. Comparative Evaluation Of Different Extraction Methods For Antioxidant And Anti-Inflammatory Properties From *Osbeckia Parvifolia* Arn. – An In Vitro Approach. *Journal Of King Saud University – Science*. 26(4): 267–275.
- Napagoda T., Malkanthi M. A. Benthota, Abayawardana K. Appuhamillage, Qader M.M, Jayasinghe L. 2016. Photoprotective Potential In Some Medicinal Plants Used To Treat Skin Diseases In Sri Lanka. *Bmc Complement Altern Med*. 16(1): 479, <https://doi.org/10.1186/s12906-016-1455-8>
- Ng'etich, W.K. Elizabeth M., Jackson K., Chadwick A., Digo, and Ombito J. O. 2014. In vitro determination of Sun Protection Factor on Clays Used for Cosmetic Purposes in Kenya. *Chemistry and Materials Research*. 6(7):25-30.
- Noreen H., Semmar N., Farman M., James S.O. 2017. Measurement of total



- phenolic content and antioxidant activity of aerial parts of medicinal plant *Coronopus didymus*. *Asian Pacific Journal of Tropical Medicine*. 10(8): 792–801.
- Nunes, A. R. Vieira I. G.P., Queiroz D. B., Alves A. L., Leal B., Morais S. M., Muniz D. F., Junior J. T. C., Coutinho H. D. 2018. Use of Flavonoids and Cinnamates, the Main Photoprotectors with Natural Origin. *Hindawi*. 18(9)1-9 <https://doi.org/10.1155/2018/5341487>
- Nurhasanah dan Iriani D. 2021. Original Research Paper Histochemical Test of root, petiole and leaf of Kelembak (*Rheum officinale* Baill.). *Jurnal Biologi Tropis*. 21 (3): 726 – 733.
- Nuringtyas Tri R, Choi , Young H., Verpoorte Robert, Klinkhamer Peter G.L., Leiss Kirsten A. 2012. Differential tissue distribution of metabolites in *Jacobaea vulgaris*, *Jacobaea aquatica* and their crosses. *Phytochemistry* . 78 (12) 89–97.
- Nuringtyas, T. R., Isromarina R., Septia Y., Hidayati L., Wijayanti N. 2018. The Antioxidant And Cytotoxic Activities Of Thechloroform Extract Of Agarwood (*Gyrinops Versteegii* (Gilg.) Domke) Leaves Onhela Cell Lines. *Aip Conference Proceedings*. 020067-1–020067-9, <https://doi.org/10.1063/1.5050163>
- Pagare S., Bhatia M., Tripathi N., Pagare S., and Bansal Y. K. 2015. Secondary Metabolites of Plants and their Role:Overview. *Biotechnology and Pharmacy*. 9 (3): 293-304.
- Parwata A., Manuaba P. and Yasa S. 2018. The Potency of Flavonoid Compounds in water Extract *Gyrinops Versteegii* Leaves as Natural Antioxidants Sources. *Biomed. & Pharmacol. J*. 11(3): 1501-1511.
- Premathilaka U. L. R. R., and Silva M. S. W. 2016. Bioactive Compounds And Antioxidant Activity Of *Bunchosia Armeniaca*. *SJIF Impact Factor*. 5(10): 1237-1247.
- Prihantini, A. and Rizqiani K. D. 2019. Various Antioxidant Assays Of Agarwood Extracts (*Gyrinops Versteegii*) From West Lombok, West Nusa Tenggara, Indonesia. *Asian Journal Of Agriculture*. 3(1):15. <https://doi.org/10.13057/asianjagric/g03101>
- Purbosari N, E. Warsiki, K. Syamsu, J Santoso. 2020. Effect of Harvest Age and Solvents on the Phenolic Content of *Eucheuma cottonii* Extract. *Makara Journal of Science*. 24(3): 141–147.
- Putri D. Y., Kartamihardja H., Lisna I. 2019. Formulation And Evaluation Of Sunscreen Lotions Of Stevia (*Stevia Rebaudiana Bertoni* M) Leaf Extracts. *Jurnal Sains Farmasi & Klinis*.6(1): 32–36.
- Rawana, Hardiwinoto S., Budiadi, Rahayu S. 2018. Vegetation Community And Environment On *Gyrinops Versteegii* Growth. *Jurnal Manajemen Hutan Tropika*. 23(1): 10–22
- Rebecca S. L. and Yamarik T. A. 2002. Final report on the safety assessment of sorbitan caprylate, sorbitan cocoate, sorbitan diisostearate, sorbitan dioleate, sorbitan distearate, sorbitan isostearate, sorbitan olivate, sorbitan sesquisostearate, sorbitan sesquistearate, and sorbitan triisostearate. *Int J Toxicol*. 21(1): 93-112. doi: 10.1080/10915810290096414.



- Rhetso T., Shubharani R., Roopa M. S., Sivaram V. 2020. Chemical constituents, antioxidant, and antimicrobial activity of Allium chinense G. Don. *Future Journal of Pharmaceutical Sciences.* 6(1): 1-9. DOI:10.1186/s43094-020-00100-7
- Ropiak M. Honorata, Lachmann P., Ramsay A., Green J., Rebecca J. And Harvey M. Irene. 2017. Identification Of Structural Features Of Condensed Tannins That Affect Protein Aggregation. *Journal Of Cereal Science.* 12(1): e0170768.
- Rubyanto, D. 2016. Teknik Dasar Kromatografi. *Deepublish.* Yogyakarta. p: 65
- Saewan N. & Jimtaisong A. 2013. Photoprotection Of Natural Flavonoids. *Journal Of Applied Pharmaceutical Science.* 3(09): 129-141.
- Saewan, N., Jimtaisong, A. 2015. Natural products as photoprotection. *J. Cos. Dermatol.* 14(1): 47–63.
- Samsuri, T. 2013. Pengaruh Berbagai intensitas Cahaya terhadap Perubahan Struktur Anatomi Daun Tanaman Gaharu (*Gyrinops versteegii* (Gilg.) Domke). Bioscientist: Jurnal Ilmiah Biologi, 1(1): 11–19.
- Santoso T. I., Miftahudin M., Sulistyatingsih Y. C., dan Wiyono S. 2017. Analysis of Secondary Metabolites as Potential Phytoalexins, Their Secretion Sites and Proposed Resistance Markers to Vascular Streak Dieback in Theobroma cacao. *Pelita Perkebunan.* 33(1): 10-33.
- Shenekar, P. N., Ukkirade, P. S., Salunkhe, S. D., Sutar, S. T., Magdum, C. S., Mohite, S. K.Metri, S. M. 2014. In Vitro Evaluation Of Sun Protection Factor Of Fruit Extract Of *Carica Papaya* L. As A Lotion Formulation. *European Journal Of Experimental Biology.*4(2): 44–47.
- Sineke, U., Suryanto E., Sudewi S. 2016. Penentuan Kandungan Fenolik Dan Sun Protection Factor (Spf) Dari Ekstrak Etanol Dari Beberapa Tongkol Jagung (*Zea Mays* L.). *Pharmacon.* 5(1): 275-283.
- Sitepu, I. R., Santoso, E., & Turjaman, M. 2011. Identification of eaglewood tree species susceptibility. Bogor, Indonesia. *Ministry Of Forestry Of Indonesia In Cooperation With International Tropical Timber Organizatio.*
- Sparkman, O. D., Z. Penton, and F. G. Kitson. 2011. Gas Chromatography and MassSpectrometry: A Practical Guide. *Academic Press.* Oxford. p: 3
- Svobodová A., Psotová J., Walterov D. 2003. Natural Phenolics In The Prevention Of Uv-Induced Skin Damage. *Biomed. Papers* 147(2): 137-145.
- Takahashi S. and Badger R. 2011. Photoprotection in plants: a new light on photosystem II damage. *Trends Plant Sci.* 16(1): 53-60.
- Trber M. G., and Atkinson J. 2007. Vitamin E, Antioxidant and Nothing More. *Free Radic Biol Med.* 43(1): 4–15.
- Tungmunnithum D., Thongboonyou A., Pholboon Apinan., Yangsabai A. 2018. Flavonoids And Other Phenolic Compounds From Medicinal Plants For Pharmaceutical And Medical Aspects. *Medicines.* 5(3): 1-16.
- Ulrike . 2018. Flavonoid Functions In Plants And Their Interactions With Other Organisms. *Plants.*7(2): 1-3.
- Wahyuningrum, M., Sari K. R., Rafi M. 2018. Antioxidant activity and Sunscreen of *Gyrinops versteegii* Leaf Extract. *J. Ilmu Teknol Kayu Tropis.* 16(2):



141-149.

- Widyawati, E. Ayuningtyas N. D., Pitarisa A. P. 2019. Penentuan Nilai Spf Ekstrak Dan Losio Tabir Surya Ekstrak Etanol Daun Kersen (*Muntingia calabura* L.) Dengan Metode Spektrofotometri Uv-Vis. *Jurnal Riset Kefarmasian Indonesia*. 1(3): 189-202.
- Wijekoon J. O., Bhat R., Karim A. A., Fazilah. 2013. Chemical Composition and Antimicrobial Activity of Essential Oil and Solvent Extracts of Torch Ginger Inflorescence (*Etlingera elatior* Jack.). *International Journal of Food Properties*. 16 (6): 1200–1210.
- Xu F., Huang X., Wu H., Wang X. P. 2018. Beneficial health effects of lupenone triterpene: A review. *Biomedicine & Pharmacotherapy*. 103(18):198-203.
- Yang Y., Luo X., Wei W., Fan Z., Huang T., and Pan X. 2020. Analysis of leaf morphology, secondary metabolites and proteins related to the resistance to *Tetranychus cinnabarinus* in cassava (*Manihot esculenta* Crantz). *Scientific Reports*. 20(10) :1419.
- Yassa N, Masoomi F, Rohani Rankouhi SE, Hadjiakhoondi A. 2009. Chemical composition and antioxidant activity of the extract and essential oil of *Rosa damascena* from Iran, Population of Guilan. *DARU J Pharm Sci*. 17 (3): 175-180.
- Yen P. K., Jing L., Hanani F. 2018. In Vitroevaluation Of Photoprotective Potential Of The Different Solvent Extracts Of *Graptophyllum Pictumleaves*. *Pharmaceutical Science* 8 (01): 147-151.
- Yoshida T., Amakura Y. And Yoshimura M . 2010. Structural Features And Biological Properties Of *Ellagitannins* In Some Plant Families Of The Order Myrtales. *Int J Mol Sci*. 11(1): 9–106. doi: [10.3390/ijms11010079](https://doi.org/10.3390/ijms11010079)
- Yulistyarini T., Fiqa P. A., Budiharta S., Rindyastuti D. 2020. Distribution Of *Gyrinops Versteegii* In Varying Vegetation Structures, Soil Properties, And Microclimates In Western Part Of Flores Island, Indonesia. *biodiversitas*. 21(5): 1800-1808.
- Zeb M. A., Rahman T., Sahid M., Xiao W., Musharraf S. G., Bibi S., Akitsu T., Liagat W. 2021. GC-MS Analysis and In Silico Approaches of Indigofera heterantha Root Oil Chemical Constituents . *Compounds*. 1(3): 116–124. <https://doi.org/10.3390/compounds1030010>