

REFERENCES

- Abe, F.; Yamauchi, T.; Wan A.S.C. 1988. "Lignans related to olivil from the genus *Cerbera* (*Cerbera VI*)", *Chem.Pharm.Bull.* 36, 795-799.
- Abe, F.; Yamauchi, T.; Wan A.S.C. 1988. "Sesqui-, sester-, and trilignans from stems of *Cerbera manghas* and *C. odollam*", *Phytochemistry* 27, 3627-3631.
- Abe, F.; Yamauchi, T.; Wan A.S.C. 1988. "Cerberalignans J-N, oligolignans from *Cerbera manghas*", *Phytochemistry* 28, 3473-3476.
- Abe, F.; Yamauchi, T.; Wan A.S.C. 1977. "Studies on *Cerbera*. I. Cardiac glycosides in the seed, bark and leaves of *Cerbera manghas* L.", *Chem.Pharm.Bull.* 25, 2744-2748.
- Abe, F.; Yamauchi, T.; Wan A.S.C. 1989. "Normonoterpenoids and their allopyranosides from the leaves of *Cerbera* species (Studies on *Cerbera* VIII)", *Chem.Pharm.Bull.* 37, 2639-2642.
- Abe, F.; Yamauchi, T.; Wan A.S.C. 1996. "10-Carboxyloganin, normonoterpenoids glucosides and dinormonoterpenoids glucosides from the leaves of *Cerbera manghas* (Studies on *Cerbera* 10) ", *Chem.Pharm.Bull.* 44, 1797-1800.
- Andrei, C.C.; Vieira, P.C.; Fernandes, J.B.; Da Silva, M.F.D.G.F.; Fo, E.R. 1997. "Dimethylchromene rotenoids from *Tephrosia candida*", *Phytochemistry* 46, 1081-1085.

Bansinath, M.; Hema, S.; Chandra Bose, A.; Guruswani, M.N. 1982. "Assessment of anticonvulsant and central depressant activity of *Cerbera odollam* in mice", *Fitoterapia* 53, 53-56.

Cable, J.; Coombe, R.G.; Watson, T.R. 1964. "The cardiac glycosides of *Cerbera* species. I. The isolation of cerbertin and cerbertatin ", *Aust. J. Chem.* 17, 1423.

Cable, J.; Coombe, R.G.; Watson, T.R. 1964. "An $11\beta, 12\beta$ -epoxy cardiac glycoside from *Cerbera* species ", *Tetrahedron Letters*, 3783.

Carlson, D.G.; Weisleder, D.; Tallent, W.H. 1973. "NMR investigations of rotenoids", *Tetrahedron* 29, 2731-2741.

Casey, R.C.D. 1960. "Alleged antifertility plants of India", *Indian J. Med. Sci.* 14, 590-601.

Chang, L.C.; Gills, J.J.; Bhat, K.P.L.; Luyengi, L.; Farnsworth, N.R.; Pezzuto, J.M.; Kinghorn, A.D. 2000. "Activity-guided isolation of constituents of *Cerbera manghas* with antiproliferative and antiestrogenic activities", *Bioorg. Med. Chem. Lett.* 10, 2431-2434.

Chen, K.K.; Steldt, F.A. 1942. "Cerberin and cerberoside, the cardiac principles of *Cerbera odollam*", *J. Pharmacol* 76, 167-174.

Chuankamnerdkarn, M.; Sutthivaiyakit, S.; Thasana, N.; Pisutjaroenpong, S. 2002. "Prenylated isoflavones from *Derris scandens*", *Heterocycles* 57, 1901-1906.

Cox, P.A.; Sperry, L.B.; Tuominen, M.; Bohlin, L. 1989. "Pharmacological activity of the samoan ethnopharmacopoeia", *Econ. Bot.* 43, 487-497.

Deachathai, S. 2001. "Chemical constituents from *Derris scandens* and antioxidation properties". M.Sc. Thesis, Prince of Songkla University, 244 pp.

Duke, J.A.; Ayensu, E.S. 1985. "Medicinal plants of China", Inc. Algonac, Michigan 14, 52-361.

Dunstan, C.A.; Noreen, Y.; Serrano, G.; Cox, P.A.; Perera, P.; Bohlin, L. 1997. "Evaluation of some samoan and peruvian medicinal plants by prostaglandin biosynthesis and rat ear oedema assays", *J. Ethnopharmacol* 57, 35-56.

Fomum, Z.T.; Ayafor, J.F.; Wandji, J. 1987. "Senegalensein, a novel prenylated flavanone from *Erythrina senegalensis*", *Journal of Natural Products* 50, 921-922.

The Forest Herbarium, Royal Forest Department. 1999. "Flora of Thailand Past I", Bangkok: Diamond Printing Co. Ltd. Vol. 7, pp. 65-69.

Hafez, E.S.E. 1982. "Abortifacients in primitive societies and in experimental animal models", Contraceptive Delivery Systems. E.S.E. Hafez (E.D.), MTP Press, Ltd. Lancaster, England. 33, 452.

Herath, H.M.T.B.; Dassanayake, R.S.; Priyadarshani, A.M.A.; Silva, S.D.; Wannigama, G.P.; Jamie, J. 1998. "Isoflavonoids and a ptercarpan from *Gliricidia sepium*", *Phytochemistry* 47, 117-119.

- Holdsworth, D.; Gideon, O.; Pilokos, B. 1989. "Traditional medicine of New Ireland, Papua New Guinea part III Konos, central New Ireland", *Int. J. Crude Drug Res.* 27, 55-61.
- Holdsworth, D.; Pilokos, B.; Lambes, P. 1983. "Traditional medicinal plants of New Ireland, Papau New Guinea", *Int. J. Crude Drug Res.* 21, 161-168.
- Inouye, H.; Nishimura, T. 1972. "Iridoid glucosides of *Cerbera manghas*", *Phytochemistry* 11, 1852A.
- Iyer, G.V.; Narendranath, M. 1975. "A preliminary report on the neurological manifestations of *Cerbera odollam* poisoning", *Indian J. Med. Res.* 63, 312.
- Kamboj, V.P. 1988. "A review of Indian medicinal plants with interceptive activity", *Indian J. Med. Res.* 4, 336-355.
- Kurata, K.; Taniguchi, K.; Shiraishi, K.; Suzuki, M. 1990. "A C₂₆ sterol from the brown alga *Eisenia bicylis*", *Phytochemistry* 29, 3678-3680.
- Laphookhieo, S. 2002. "Chemical Constituents from *Cerbera odollam*". M.Sc. Thesis, Prince of Songkla University, 295 pp.
- Laphookhieo, S.; Cheenpracha, S.; Karalai, C.; Chantrapromma, S.; Rat-a-pa, Y.; Ponglimanont, C.; Chantrapromma, K. 2004. "Cytotoxic cardenolide glycoside from the seeds of *Cerbera odollam*", *Phytochemistry* 65, 507-510.
- Laphookhieo, S.; Kalalai, C.; Chantrapromma, S.; Fun, H-K.; Usman A.; Rat-a-pa, Y.; Chantrapromma, K. 2001. "Atomic charges of cerbinal", *Acta.Crys.* C57,

1352- 1353.

Lee, S-K.; Mbwando, Z-H.; Chung, H-S.; Luyengi, L.; Gamez, E.J.C.; Mehta, R.G.; Kinghorn, A.D.; Pezzuto, J.M. 1998. "Evaluation of the antioxidant potential of natural products", *Combin Chem. High Throughput Screen* 1, 35-46.

Li, R-Z.; Wang, Y-W.; Chen, Y-Q. 1981. "Isolation and identification of cardiac glycosides in the kernel of *Cerbera odollam*", *Yao Hsueh Pao*. 16, 361-365.

Lin, Y-L.; Chen, Y-L.; Kuo, Y-H. 1991. "Three new flavonoids, 3'-methoxylupinifolin, laxifolin and isolaxifolin from the roots of *Derris laxiflora* Benth.", *Chem. Pharm. Bull.* 39, 3132-3135.

Lin, Y-L.; Kou, Y-H. 1993. "6a,12a-Dehydro- β -toxicarol and derricarpin, two new isoflavonoids, from the roots of *Derris oblonga* Benth.", *Chem. Pharm. Bull.* 41, 1456-1458.

Lupattarakasem, P.; Houghton, P.J.; Hoult, J.R.S.; Itharat, A. 2003. "An evaluation of four plants used in Thailand to treat arthritis", *J. Ethnopharmacol* 85, 207-215.

Mackeen, M.M.; Khan, M.N.; Samadi, Z.; Lajis, N.H. 2000. "Brine shrimp toxicity of fractionated extracts of Malaysian medicinal plants", *Nat. Prod. Sci.* 6, 131-134.

Magalhaes, A.M.; Azevedo Tozzi, A.M.G.; Noronha Sales, B.H.L.; Magalhaes, E.G. 1996. "Twenty-three flavonoids from *Lonchocarpus subglaucescens*",

Phytochemistry 42, 1459-1471.

Mahidol, C.; Prawat, H.; Kaweetripob, W.; Ruchirawat, S. 2002. "Two new pyranoflavanones from the stems of *Derris reticulata*", *Heterocycles* 57, 1287-1292.

Mahidol, C.; Prawat, H.; Ruchirawat, S.; Lihkitwitayawuid, K.; Lin, L-Z.; Cordell, G.A. 1997. "Prenylated flavanones from *Derris reticulata*", *Phytochemistry* 45, 825-829.

Mahmoud, I.I.; Kinghorn, D.A.; Farnsworth, N.R. 1979. "Phytochemical studies of *Capicodendron dinissi* (Canellaceae) and *Cerbera manghas* (Apocynaceae)" Dissertation-Ph.D.-Univ. Illinois Medical Center, 171pp.

Mahran, G.H.; Abdel-Wahab, S.M.; Shoka, A.A. 1972. "Chemical and biological estimation of cardenolide of *Cerbera odollam*", *Egypt J. Pharm. Sci.* 13, 309.

Masuda, T.; Oyama, Y.; Yonemori, S.; Takeda, Y.; Yamazaki, Y.; Mizuguchi, S.; Nakata, T.; Tanaka, T.; Chikahisa, L.; Inaba, Y.; Okada, Y. 2002. "Flow cytometric estimation on cytotoxic activity of leaf extracts from Seashore plants in subtropical Japan: Isolation, quantification and cytotoxic action of (-)-deoxypodophyllotoxin", *Phytother Res.* 16, 353-358.

Masuda, T.; Yonemori, S.; Oyama, Y.; Takeda, T.; Tanaka, T.; Andoh, T.; Shinohara, A.; Nakata, M. 1999. "Evaluation of the antioxidant activity of environmental plants: Activity of the leaf extracts from Seashore plants", *J. Agr. Food Chem.* 47, 1749-1754.

Mc Clatchey, W. 1996. "The ethnopharmacopoeia of Rotuma", *J. Ethnopharmacol* 50, 147-156.

Nair, A.G.R.; Seetharaman, T.R. 1986. "Rhamnetin 3-O-neohesperidoside, a new flavonoid from the leaves of *Derris trifoliata*", *Journal of Natural Products* 49, 710-711.

Nakanishi, K.; Sasaki, S.I.; Kiang, A.K.; Goh, J.; Kakisawa, H.; Ohashi, M.; Goto, M.; Watanabe, J.M.; Yokotani, H.; Matsubura, C.; Togashi, M. 1965. "Phytochemical survey of Malaysain plants. Preliminary chemical and pharmacological screening ", *Chem.Pharm.Bull.* 13, 882-890.

Nishibe, S.; Sakushima, A.; Takemura, H.; Takenaka, T.; Noguchi, Y. 2001. "Cyclitols from Apocynaceae leaves", *Natural Med.* 55, 268-271.

Norton, T.R.; Bristol, M.L.; Read, G.W.; Bushnell, O.A.; Kashiwagi, M.; Okinaga, C.M.; Oda, C.S. 1973. "Pharmacological evaluation of medicinal plants from Western Samoa", *J. Pharm. Sci.* 62, 1077.

Pezzuto, J.M.; Che, C.T.; Mc Pherson, D.D.; Zhu, J.P.; Topcu, G.; Erdelmeier, C.A.J.; Cordell, G.A. 1991. "DNA as and affinity probe useful in the detection and isolation of biologically activity natural products", *J. Nat. Prod.* 54, 1522-1530.

Pickard, P.P.; Cox, P.A. 1986. "Use of Derris as a fish poison in Guadalcanal, Solomon Islands", *Econ. Bot.* 40, 479-484.

Prawat, H.; Mahidol, C.; Ruchirawat, S. 2000. "Reinvestigation of *Derris reticulata*",

Pharmaceutical Biology 38, Supplement, 63-67.

Quisumbing, B. 1951. “Medicinal plants of the Philippines”, *Tech. Bull.* 16, Rep. Philippines, Dept. A.G.R. Nat. Resources, Manilla, pp 1.

Rangaswami, S.; Venkata, E. 1957. “Active principles of *Cerbera odollam*”, *J. Sci. Ind. Res-B.* 16, 209.

Rao, E.V.; Roa, M.A. 1976. “Diacetylneriifolin from *Cerbera odollam*”, *Phytochemistry* 15, 848.

Rao, E.V.; Savini, E.C.; Narayanan, M.M. 1974. “Isolation of acetylthevetin B from *Cerbera odollam*”, *Indian J. Pharmacy*. 36, 75-76.

Rao, K.N.; Srimannarayana, G. 1983. “Fleminone, a flavanone from the stems of *Flemingia macrophylla*”, *Phytochemistry* 22, 2287-2290.

Reynolds, W.F.; McLean, S.; Poplawski, J. 1986. “Total assignment of ¹³C and ¹H spectra of three isomeric triterpenol derivatives by 2D NMR: An investigation of the potential utility of ¹H chemical shifts in structural investigations of complex natural products”, *Tetrahedron* 42, 3419-3428.

Rukachaisirikul, V.; Sukpondma, Y.; Jansakul, C.; Taylor, W.C. 2002. “Isoflavone glycosides from *Derris scandens*”, *Phytochemistry* 60, 827-834.

Saha, J.C.; Savini, E.C.; Kasinathan, S. 1961. “Ecabolic properties of Indian medicinal plants. Part 1.”, *Indian J. Med. Res.* 49, 130-151.

Sakushima, A.; Nishibe, S.; Hisada, S.; Noro, Y.; Hisada, Y. 1976. "Studies on the constituents of Apocynaceae plants. Isolation and flavonol glycosides and some other components from the *Cerbera manghas*", *Yakugaku zasshi* 96, 1046.

Sakushima, A.; Hisada, S.; Ogihara, Y.; Nishibe, S. 1980. "Studies on the constituents of Apocynaceae plants. Gas chromatography-mass spectrometric determination of new flavonoids triglucosides from the leaves of *Cerbera manghas*", *Chem. Pharm. Bull.* 28, 1219-1223.

Samal, K.K. 1990. "Yellow oleander poisoning with jaundice and renal failure", *J. Ass. Phys. India* 38, 821-822.

Samal, K.K.; Sahu, H.K.; Kar, M.K.; palit, S.K.; Kar, B.C.; Sanu, C.S. 1989. "Yellow oleander (*Cerbera thevetia*) poisoning with jaundice and renal failure", *J. Ass. Phys. India* 37, 232-233.

Siddiqui, B.S.; Sultana, R.; Begum, S.; Zia, A.; Suria, A. 1997. "Cardenolides from the methanolic extract of *Nerium oleander* leaves possessing central nervous system depressant activity in mice", *J. Nat. Prod.* 60, 540-544.

Skehan, P.; Storeng, R.; Scudiero, D.; Monks, A.; McMahon, J.; Vistica, D.; Warren, J.T.; Bokesch, H.; Kenney, S.; Boyd, R.M. 1990. "New colorimetric cytotoxicity assay for anticancer-drug screening", *Journal of National Cancer Institute* 82, 1107-1112.

Smalberger, T.M.; Vleggaar, R.; Weber, J.C. 1974. "Flavonoids from *Tephrosia*-VII.

The constitution and absolute configuration of lupinifolin and lupinifolinol, two flavanones from *Tephrosia lupinifolia* Burch (DC)", *Tetrahedron* 30, 3927-3931.

Sriwanthana, B.; Chavalittumrong, P. 2001. "In vitro effect of *Derris scandens* on normal lymphocyte proliferation and its activities on natural killer cells in normal and HIV-1 infected", *J. Ethnopharmacol* 76, 125-129.

Sukpondma, Y. 2001. "Flavonoid glycosides from *Dendrophthoe pentandra* L. and isoflavonoid glycosides from *Derris scandens* Benth". M.Sc. Thesis, Prince of Songkla University, 392 pp.

Tahara, S.; Katagiri, Y.; Ingham, J. L.; Mizutani, J. 1994. "Prenylated flavonoids in the roots of yellow lupin", *Phytochemistry* 36, 1261-1271.

Thasana, N.; Chuankamnerdkarn, M.; Ruchirawat, S. 2001. "A new 12a-hydroxyelliptone from the stems of *Derris malaccensis*", *Heterocycles* 55, 1121-1125.

Thorp, R.H.; Watson, T.R. 1953. "A survey of the occurrence of cardio-active constituents in plants growing wild in Australia. I. Families Apocynaceae and Asclepiadaceae", *Aust. J. Exp. Biol.* 31, 529.

Tran, T.M.H.; Navarro, D.C.; Tran, V. 1991. "Toxicity and effects on the central nervous system of a *Cerbera odollam* leaf extract", *J. Ethnopharmacol* 34, 201-206.

- Yahara, S.; Ogata, T.; Saiji, R.; Konishi, R.; Yamahara, J.; Miyahara, K.; Nohara, T. 1989. "Isoflavan and related compounds from *Dalbergia odorifera* I.", *Chem. Pharm. Bull.* 37, 979-987.
- Yamauchi, T.; Abe, F.; Wan, A.S.C. 1987. "Cardenolide monoglycosides from the leaves of *Cerbera odollam*", *Chem.Pharm.Bull.* 35, 2744-2749.
- Yamauchi, T.; Abe, F.; Wan, A.S.C. 1987. "Study on *Cerbera*. VI. Polar cardenolide glycosides from the leaves of *Cerbera odollam* and *Cerbera manghas*", *Chem.Pharm.Bull.* 35, 4816-4817.
- Yamauchi, T. ; Abe, F. ; Wan, A.S.C. 1987. "Study on *Cerbera*. V. Minor glycosides of 17 α - digitoxigenin from the stems of the genus *Cerbera*", *Chem.Pharm.Bull.* 35, 4993-4995.
- Yamauchi, T.; Abe, F.; Wan, A.S.C. 1990. "10-O-Benzoyl thevetoside and 10-dehydrogeniposide from the leaves of *Cerbera manghas*", *Phytochemistry* 29, 2327-2328.
- Wee, Y.C.; Gopalakrishnakone, P.; Chan, A. 1988. "Poisonous plants in Singapore-A colour chart for identification with symptoms and signs of poisoning", *Toxicon* 1, 47.