

REFERENCES

- Anjaneyulu, A. S. R.; Rao, V. L. 2002. "Ceriopsins A-D, diterpenoids from *Ceriops decandra*", *Phytochemistry*, 60, 777-782.
- Anjaneyulu, A. S. R.; Rao, V. L.; Lobsky, E.; Clardy, J. 2002. "Ceriopsin E, a new epoxy ent-kaurene diterpenoids from *Ceriops decandra*", *J. Nat. Prod.* 65, 592-594.
- Anjaneyulu, A. S. R.; Rao, V. L. 2003. "Ceriopsins F and G, diterpenoids from *Ceriops decandra*", *Phytochemistry*, 62, 1207-1211.
- Ansell, S. M.; Pegel, K. H.; Taylor, D. A. H. 1993. "Diterpenes from the timber of *Erythroxylum pictum*", *Phytochemistry*, 32, 945-952.
- Asakawa, J.; Kasai, R.; Yamasaki, K.; Tanaka, O. 1977. "¹³C NMR study of ginseng sapogenins and their related dammarane type triterpenes", *Tetrahedron*, 33, 1935-1939.
- Bamroongrusa, N. 1999. "Bioactive substances from the mangrove resource", *Songklanakarin J. Sci. Techno.*, 21, 377-386.
- Butruille, D.; Dominguez, X. A. 1974. "Fouquierol et isofouquierol : deux nouveaux triterpenes de la serie du dammarane", *Tetrahedron Lett.*, 639-642.
- Chantrapromma, S.; Pakathirathien, C.; Fun, H. K.; Razak, I. A.; Karalai, C. 2006. "14-Hydroxy-14-hydroxymethyl-5,5,9-trimethyltetracyclo[11.2.1.0^{1,10}.0^{4,9}]hexadecane hemihydrate", *Acta Cryst.*, E62, o1742-o1744.
- Cheenpracha, S. 2004. "Chemical constituents from the seeds of *Cerbera manghas* and the stems of *Derris trifoliata*", *Master of Science Thesis in Organic Chemistry*, Prince of Songkla University, 137.
- Chen, B.; Duan, H.; Takaishi, Y. 1999. "Triterpene caffeoyl esters and diterpenes from *Celastrus stephanotifolius*", *Phytochemistry*, 51, 683-687.
- Denwick, P. M. 2002. "Medicinal natural products: a biosynthetic approach", 2nd, *John Wiley and Sons*, UK, 167-225.
- Desjardins, R. E.; Canfield, C. J.; Haynes, J. D.; Chulay, J. D. 1979. "Quantitative assessment of antimalarial activity in vitro by a semiautomated microdilution technique", *Antimicrob Agents Chemother*, 16, 710-718.
- Duke, J. A. 1981. "The Gene Revolution, Paper 1", USGPO, Washington, 89-150.
- Duke, J. A. 1983. "Handbook of Energy Crops", unpublished.

- Evers, M.; Poujade, C.; Soler, F.; Ribeill, Y.; James, C.; Lelievre, Y.; Gueguen, J. C.; Reisdorf, D.; Morize, I.; Pauwels, R.; Clercq, E.; Henin, Y.; Bousseau, A.; Mayaux, J. F.; Pecq, J. B.; Dereu, N. 1996. "Betulinic acid derivatives: a new class of human immunodeficiency virus type 1 specific inhibitors with a new mode action", *J. Med. Chem.*, 39, 1056–1068.
- Ghosh, A.; Misra, S.; Dutta, A. K.; Choudhury, A. 1985. "Pentacyclic triterpenoids and steroids from seven species of mangrove", *Phytochemistry*, 24, 1725–1727.
- Gonzalez, A.; Amaro, J.; Fraga, B. M.; Luis, J. G. 1983. "3-Oxo-6 β -hydroxyolean-18-en-28-oic acid from *Orthopterygium huancuy*", *Phytochemistry*, 22, 1828–1830.
- Grace, M. H.; Jin, Y.; Wilson, G. R.; Coates, R. M. 2005. "Structures, biogenetic relationships, and cytotoxicity of pimarane-derived diterpenes from *Pentalostigma pubescens*", *Phytochemistry*, in press.
- Kijjoa, A.; Polonia, M. A.; Pinto, M. M. M.; Kitiratakarn, T.; Gedris, T. E.; Herz, W. 1994. "Dolabranes from *Endospermum diadenum*", *Phytochemistry*, 37, 197–200.
- Kijjoa, A.; Pinto, M. M. M.; Anantachoke, C.; Gedris, T. E.; Herz, W. 1995. "Dolabranes from *Endospermum diadenum*", *Phytochemistry*, 40, 191–193.
- Kitajima, J.; Komori, T.; Kawasaki, T. 1982. "Studies on the constituents of the crude drug (*fritillariae bulbus*) III. On the diterpenoid constituents of fresh bulbs of *Fritillaria thunbergii* Miq", *Chem. Pharm. Bull.* 30, 3912–3921.
- Kitajima, J.; Shindo, M.; Tanaka, Y. 1990. "Two new triterpenoids sulfates from the leaves of *Schefflera octophylla*", *Chem. Pharm. Bull.* 38, 714–716.
- Koike, K.; Cordell, G. A.; Farnsworth, N. R. 1980. "New cytotoxic diterpenes from *Rondeletia panamensis* (Rubiaceae)", *Tetrahedron*, 36, 1167–1172.
- Krebs, H. C.; Helmut, D.; Shahid, M.; Winfried, B.; Philipe, R.; Mamy, A. 2004. "Chemical composition and antitumor activities from *Givotia madagascariensis*", *Zeitschrift fuer Naturforschung, B: Chemical Sciences*, 59, 58–62.
- Kuo, Y. H.; Chang, C. I.; Kuo, Y. H. 1997. "Triterpenes from *Diospyros maritima*", *Phytochemistry*, 46, 1135–1137.

- Kuo, Y. H.; Chang, C. I.; Li, S. Y.; Chou, C. J.; Chen, C. F.; Kuo, Y. H.; Lee, K. H. 1997. "Cytotoxic constituents from the stems of *Diospyros maritima*", *Planta. Med.*, 63, 363–365.
- Nguyen, H. P.; San, H. T. 1993. "Mangrove of Vietnam", *The IUCN Wetlands Programme*, Center, Environment and Policy Institute, Hawaii, USA. Bangkok, Thailand.
- Pakhathirathien, P.; Chantrapromma, S.; Fun, H. K.; Anjum, S.; Rahman, A. U.; Karalai, C. 2005. "1-Isopropenyl-3a,5a,5b,8,8,11a-hexamethylicosahydro-1H-cyclopenta-[a]chrysen-9-yl 4-hydroxy-3-methoxycinnamate", *Acta Cryst.*, E61, o2942-o2944.
- Pakhathirathien, C.; Karalai, C.; Ponglimanont, C.; Subhadhirasakul, S.; Chantrapromma, K. 2005. "Dammarane triterpenes from the hypocotyls and fruits of *Ceriops tagal*", *J. Nat. Prod.*, 68, 1787–1789.
- Ponglimanont, C.; Thongdeeying P. 2005. "Lupane-triterpene esters from the leaves of *Ceriops decandra* (Griff.) Ding Hou", *Aust. J. Chem.*, 58, 615–618.
- Reynolds, W. F.; Mclean, S.; Poplawski, J.; Enriquez, R. G.; Escobar, L. I.; Lenon, I. 1986. "Total assignment of ^{13}C 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.
- Seebacher, W.; Simic, N.; Weis, R.; Saf, R.; Kunert, O. 2003. "Spectral assignments and reference data", *Magn. Reson. Chem.*, 41, 636–638.
- Siddiqui, B. S.; Kardar, M. N. 2001. "Triterpenoids from *Lawsonia alba*", *Phytochemistry*, 58, 1195–1198.
- Skehan, P.; Storaeng, R.; Scudiero, D.; Monks, A.; McMahon, J.; Vistica, D.; Warren, J. T.; Bokesh, H.; Kenney, S.; Boyd, M. R. 1990. "New colorimetric cytotoxic assay for anticancer-drug screening", *J. Natl. Cancer Inst.*, 82, 1107–1112.
- Smitinand, T.; Larsen, K. 1970. "Flora of Thailand", vol. 2 part 1, Wattana panish, Bangkok, Thailand.
- Tanaka, R.; Masuda, K.; Matsunaga, S. 1993. "Lup-20(29)-en-3 β ,15 α -diol and ocotillol-II from the stem bark of *Phyllenthus flexuosus*", *Phytochemistry*, 32, 472–474.

- Tinto, W. F.; Blair, L. C.; Alli, A. 1992. "Lupane triterpenoids of *Salacia cordata*", *J. Nat. Prod.*, 55, 395–398.
- Tiwari, K. P.; Srivastava, S. D.; Srivastava, S. K. 1980. " α -L-Rhamnopyranosyl- 3β -hydroxy-lup-20(29)-en-28-oic acid from the stem of *Dillenia pentagyna*", *Phytochemistry*, 19, 980–981.
- Tomlinson, P. B. 1986. "The Botany of mangroves", Cambridge University Press; Cambridge. 352–357.
- Trager, W.; Jensen, J. B. 1967. "Human malaria parasites in continuous culture", *Science*, 193, 673–675.
- Waterman, P. G.; Ampofo, S. 1985. "Dammarane triterpenes from the bark of *Commiphora dalzielii*", *Phytochemistry*, 24, 2925–2928.
- Wenkert, E.; Ceccherelli, P.; Raju, M. S. 1979. "The C(15) configuration of naturally occurring pimaren-15,16-diols", *J. Org. Chem.*, 44, 146–148.
- Zhang, Y.; Deng, Z.; Gao, T.; Proksch, P.; Lin, W. 2005. "Tagalsins A–H, dolabrance-type diterpenes from the mangrove plant, *Ceriops tagal*", *Phytochemistry*, 66, 1465–1471.
- Zhang, Y.; Lu, Y.; Mao, L.; Proksch, P. and Lin, W. 2005. "Tagalsins I and J, two novel tetraterpenoids from the mangrove plant, *Ceriops tagal*", *Org. Lett.* 7, 3037–3040.
- Zhao, Q. S.; Tian, J.; Yue, J. M.; Chen, S. N.; Lin, Z. W.; Sun, H. D. 1998. "Diterpenoids from *Isodon flavidus*", *Phytochemistry*, 48, 1025–1029.