

CURRICULUM VITAE

Name Vichai **REUTRAKUL** (male, married)

Date of Birth

October 12, 1942, Singhaburi, Thailand

Present Address

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Academic and Professional Qualifications

B.Sc. Honours, First Class, Chemistry, University of Sydney, Australia 1966

Ph.D. Organic Chemistry, University of Wisconsin, Madison, U.S.A. 1971

Memberships

The Science Society of Thailand, a Member since 1974
The American Chemical Society 1967-1987
2001-Present
Elected Fellow of The Academy of Science, The Royal Institute, Thailand since 2003

Appointments

Professor 1984-Present
Chairman, Department of Chemistry, Mahidol University 1994-2002
Associate Editor, Pharmaceutical Biology 2000-2009
Editorial Board, Pharmaceutical Biology 2009-Present
Editorial Board, Asian Journal of Andrology 1999-2005
Director, The Center of Excellence for Innovation in Chemistry, Ministry of Higher Education, Science, Research and Innovation 2000-Present
A Scientific and Advisory Committee (SAC) Member of the International Foundation for Science (IFS), Sweden 2003-Present
Expert Member of Brurapha University Council, Thailand 2009-2013
Distinguished Member of The Higher Education Commission, Ministry of Education, Thailand 2009-2011
Chairman of Higher Education Commission, Ministry of Education, Thailand 2012-2013
Vice Chairman of Higher Education Commission, Ministry of Education, Thailand 2014-2019

Scholarships and Grants Awarded

Colombo Plan Scholarship 1961-1966
The Rockefeller Foundation Scholarship 1967-1971
Research Grant from the International Foundation for Science, Sweden 1974-1980
Research Grant from The National Research Council of Thailand (NRCT) 1996-Present

TRF Senior Researcher Scholar, The Thailand Research Fund 1996, 2000, 2003
International Research Network (IRN) among Thailand, Sweden and France on Innovation in Chemistry and Natural Products, The Thailand Research Fund 2015-2017

Awards

Recipient of 1995 Science and Technology Award, Thailand Toray Foundation 1995
Thailand Research Fund Senior Research Scholar 1996-2008
Honourary Doctorate Degree in Science (Chemistry), Prince of Songkhla University 1997
TRF Research Publication Award, The Thailand Research Fund 2002
Honourary Doctorate Degree in Science (Chemistry), Khon Kaen University 2004
National Outstanding Researcher Award, The National Research Council of Thailand 2005
Innovation Award on PlaitanoidsTM, The National Research Council of Thailand 2005
Honourary Doctorate Degree in Science (Chemistry), Mahasarakam University 2016
Recipient of Palmes Académiques Commander (The Commandeur dans l'Ordre des Palmes Académiques), France 2016

Present Academic Position

Professor, Mahidol University

Research Interests

Organic Syntheses: The development of new synthetic methodologies, syntheses of organohalo (fluorine, chlorine, bromine and iodine) compounds including: radical, carbanion and carbocation reactions, samarium (II) catalyzed Mannich and Aldol-Tischenko reactions, catalysis with lanthanide salts, total synthesis of bioactive natural products e.g. “caged” xanthenes and pyranonaphthoquinones.

Bioactive Natural Products: Naturally occurring compounds with cytotoxic, antitumor, cholangiocarcinoma, anti-HIV, anti-inflammatory, antimicrobial, antioxidant, and condroprotective activities; and structure activity relationship (SAR) studies of selected bioactive natural products; NMR and MS metabolomics of bioactive plants and innovative products from plants.

List of Publications

1.	Reutrakul, V.; Pohmakotr, M. A convenient method for the synthesis of γ -butyrolactones. <i>J. Sci. Soc. Thailand</i> 1975 , 1(2), 130.
2.	Hughes, A. N.; Amornraksa, K.; Phisithkul, S.; Reutrakul, V. Some ring expansion and related reactions of the phosphindole system. <i>J. Heterocycl. Chem.</i> 1976 , 13(5), 937. DOI: 10.1002/jhet.5570130501.
3.	Hughes, A. N.; Amornraksa, K.; Phisithkul, S.; Reutrakul, V. The reactions of 3-butyl-1,2-diphenylphosphindole with dimethyl acetylenedicarboxylate. <i>J. Heterocycl. Chem.</i> 1976 , 13(1), 65-72. DOI: 10.1002/jhet.5570130112.
4.	Dampawan, P.; Huntrakul, C.; Reutrakul, V.; Raston, C. L.; White, A. H. Constituents of <i>Clinacanthus nutans</i> and the crystal structure of lup-20(29)-ene-3-one. <i>J. Sci. Soc. Thailand</i> 1977 , 3(1), 14-26.
5.	Reutrakul, V.; Kanghae, W. The synthesis of α,β -unsaturated aldehydes by one-carbon homologation of carbonyl compounds. <i>Tetrahedron Lett.</i> 1977 , (16), 1377. DOI: 10.1016/s0040-4039(01)93048-5.
6.	Reutrakul, V.; Kanghae, W. Pyrolysis of β -hydroxy- α -chlorosulfoxide: A simple synthesis of chloromethylketones. <i>Tetrahedron Lett.</i> 1977 , (14), 1225. DOI: 10.1016/s0040-4039(01)92981-8.
7.	Reutrakul, V.; Kusamran, K.; Wattanasin, S. Reaction of diethyl lithiosuccinate with carbonyl compounds: Stobbe condensation of α -keto esters. <i>Heterocycles</i> 1977 , 6(6), 715. DOI: 10.3987/r-1977-06-0715.
8.	Reutrakul, V.; Nimgirawath, S.; Panichanun, S.; Ratananukul, P. Addition reactions of α -(dimethylamino)nitriles with acrylonitrile: A simple synthesis of γ -ketonitriles. <i>Chem. Lett.</i> 1979 , (4), 399-400. DOI: 10.1246/cl.1979.399.
9.	Reutrakul, V.; Nimgirawath, S.; Panichanun, S.; Srikirin, Y. Decarboxylative elimination: A new method for the synthesis of α,β -unsaturated ketones. <i>Tetrahedron Lett.</i> 1979 , (15), 1321. DOI: 10.1016/s0040-4039(01)86137-2.
10.	Reutrakul, V.; Thamnusan, P. Alkylation and pyrolysis of chloromethyl phenyl sulfoxide: a simple synthesis of vinyl chlorides. <i>Tetrahedron Lett.</i> 1979 , (7), 617. DOI: 10.1016/s0040-4039(01)86017-2.
11.	Reutrakul, V.; Tiensripojarn, A.; Kusamran, K.; Nimgirawath, S. Pyrolysis of β -hydroxy- α -bromosulfoxides: a simple synthesis of bromomethyl ketones. <i>Chem. Lett.</i> 1979 , (3), 209. DOI: 10.1246/cl.1979.209.
12.	Reutrakul, V.; Tuchinda, P.; Kusamran, K. Intramolecular acylation of α -sulfonylcarbanions: a novel synthesis of γ -butyrolactones. <i>Chem. Lett.</i> 1979 , (9), 1055. DOI: 10.1246/cl.1979.1055.
13.	Reutrakul, V.; Ratananukul, P.; Nimgirawath, S. α -(Dialkylamino)alkylnitriles: Practical reagents for nucleophilic acylation. <i>Chem. Lett.</i> 1980 , (1), 71. DOI: 10.1246/cl.1980.71.
14.	Tuntiwachwuttikul, P.; Limchawfar, B.; Reutrakul, V.; Pancharoen, O.; Kusamran, K.; Byrne, L. T. Syntheses of some constituents of Zingiber cassumunar. <i>Aust. J. Chem.</i> 1980 , 33 (4), 913. DOI: 10.1071/ch9800913.

15.	Tuntiwachwuttikul, P.; Pancharoen, O.; Jaipetch, T.; Reutrakul, V. Phenylbutanoids from <i>Zingiber cassumunar</i> . <i>Phytochemistry</i> 1981 , <i>20</i> (5), 1164. DOI: 10.1016/0031-9422(81)83058-0.
16.	Jaipetch, T.; Kanghae, S.; Pancharoen, O.; Patrick, V. A.; Reutrakul, V. ; Tuntiwachwuttikul, P.; White, A. H. Constituents of <i>Boesenbergia pandurata</i> (syn. <i>Kaempferia pandurata</i>): Isolation, crystal structure and synthesis of (±)-boesenbergin A. <i>Aust. J. Chem.</i> 1982 , <i>35</i> (2), 351. DOI: 10.1071/ch9820351.
17.	Pohmakotr, M.; Reutrakul, V. ; Phongpradit, T.; Chansri, A. Dianion of diethyl succinate: reactions with alkylating agents and carbonyl compounds. <i>Chem. Lett.</i> 1982 , (5), 687. DOI: 10.1246/cl.1982.687.
18.	Reutrakul, V. ; Nimgirawath, S.; Prapansiri, V.; Srikin, Y. Acylation of 2-aryl-2-dimethylaminoacetonitriles. Simple syntheses of unsymmetrical α -dicarbonyl compounds and α -oxo esters. <i>J. Sci. Soc. Thailand</i> 1982 , <i>8</i> (4), 215.
19.	Reutrakul, V. ; Srikin, Y.; Panichanun, S. Decarboxylation of sodium glycidates: A convenient method for the synthesis of α -acetoxy ketones, α -diketones, and α -oxo esters. <i>Chem. Lett.</i> 1982 , (6), 879. DOI: 10.1246/cl.1982.879.
20.	Tuntiwachwuttikul, P.; Reutrakul, V. ; Thongsrinun, C.; Srisuthipruth, A.; Chandraprasong, C. Chemical constituents of <i>Schefflera</i> sp. <i>J. Sci. Soc. Thailand</i> 1982 , <i>8</i> (2), 115.
21.	Jaipetch, T.; Reutrakul, V. ; Tuntiwachwuttikul, P.; Santisuk, T. Flavonoids in the black rhizomes of <i>Boesenbergia pandurata</i> . <i>Phytochemistry</i> 1983 , <i>22</i> (2), 625. DOI: 10.1016/0031-9422(83)83075-1.
22.	Reutrakul, V. ; Herunsalee, K. Dichloromethyl phenyl sulfoxide: Synthetic applications. <i>Tetrahedron Lett.</i> 1983 , <i>24</i> (5), 527. DOI: 10.1016/s0040-4039(00)81455-0.
23.	Reutrakul, V. ; Poochaivatananon, P. A highly convenient procedure for the hydrolysis of terminal phenyl vinyl sulfides. <i>Tetrahedron Lett.</i> 1983 , <i>24</i> (5), 535. DOI: 10.1016/s0040-4039(00)81457-4.
24.	Reutrakul, V. ; Poochaivatananon, P. Eliminative deoxygenation of substituted α -halo sulfoxides. <i>Tetrahedron Lett.</i> 1983 , <i>24</i> (5), 531. DOI: 10.1016/s0040-4039(00)81456-2.
25.	Reutrakul, V. ; Rukachaisirikul, V. Fluoromethyl phenyl sulfoxide: highly convenient synthesis of vinyl fluorides and fluoromethyl ketones. <i>Tetrahedron Lett.</i> 1983 , <i>24</i> (7), 725. DOI: 10.1016/s0040-4039(00)81509-9.
26.	Mahidol, C.; Reutrakul, V. ; Prapansiri, V.; Panyachotipun, C. Addition of α -halosulfinyl carbanions to imines. Convenient preparations of substituted aziridines and pyrroles. <i>Chem. Lett.</i> 1984 , (6), 969. DOI: 10.1246/cl.1984.969.
27.	Mahidol, C.; Tuntiwachwuttikul, P.; Reutrakul, V. ; Taylor, W. C. Constituents of <i>Boesenbergia pandurata</i> (syn. <i>Kaempferia pandurata</i>). III. Isolation and synthesis of (±)-boesenbergin B. <i>Aust. J. Chem.</i> 1984 , <i>37</i> (8), 1739. DOI: 10.1071/ch9841739.
28.	Pancharoen, O.; Patrick, V. A.; Reutrakul, V. ; Tuntiwachwuttikul, P.; White, A. H. Constituents of <i>Boesenbergia</i> sp. Isolation and crystal structure of crotepoxide ([1R-

	(1 α ,2 α ,4 α ,5 β ,6 α ,7 α)]-4-[(benzoyloxy)methyl]-3,8-dioxatricyclo[5.1.02,4]octane-5,6-dilyl diacetate). <i>Aust. J. Chem.</i> 1984 , 37(1), 221. DOI: 10.1071/ch9840221.
29.	Pancharoen, O.; Reutrakul, V. ; Skelton, B. W.; Taylor, W. C.; Tuntiwachwuttikul, P.; White, A. H. Crystal structure of panduratin A: (1' <i>RS</i> ,2' <i>SR</i> ,6' <i>RS</i>)-(2,6-dihydroxy-4-methoxyphenyl)[3'-methyl-2'-(3"-methyl-2"-butenyl)-6'-phenyl-3'-cyclohexenyl]methanone. <i>Aust. J. Chem.</i> 1984 , 37(12), 2589. DOI: 10.1071/ch9842589.
30.	Reutrakul, V. ; Panyachotipun, C.; Hahnvajjanawong, V.; Sotheeswaran, S. Iodomethyl phenyl sulfoxide: Reactivity and synthetic applications. <i>Tetrahedron Lett.</i> 1984 , 25(17), 1825. DOI: 10.1016/s0040-4039(01)90051-6.
31.	Reutrakul, V. ; Prapansiri, V.; Panyachotipun, C. A new method for the synthesis of 2-phenylsulfonylaziridines via the reaction of α -halosulfonyl carbanion with imines. <i>Tetrahedron Lett.</i> 1984, 25(18), 1949. DOI: 10.1016/s0040-4039(01)90084-x.
32.	Tuchinda, P.; Prapansiri, V.; Naengchomnong, W.; Reutrakul, V. Convenient synthesis of vinyl ketones via a new three carbon homologating agent. <i>Chem. Lett.</i> 1984 , (8), 1427. DOI: 10.1246/cl.1984.1427.
33.	Tuntiwachwuttikul, P.; Pancharoen, O.; Reutrakul, V. ; Byrne, L. T. (1' <i>RS</i> ,2' <i>SR</i> ,6' <i>RS</i>)-(2,6-Dihydroxy-4-methoxyphenyl)[3'-methyl-2'-(3"-methylbut-2"-enyl)-6'-phenylcyclohex-3'-enyl]methanone (panduratin A) - a constituent of the red rhizomes of a variety of <i>Boesenbergia pandurata</i> . <i>Aust. J. Chem.</i> 1984 , 37(2), 449. DOI: 10.1071/ch9840449.
34.	Kanjanapothi, D.; Soparat, P.; Panthong, A.; Tuntiwachwuttikul, P.; Reutrakul, V. A uterine relaxant compound from <i>Zingiber cassumunar</i> . <i>Planta Med.</i> 1987 , 53(4), 329. DOI: 10.1055/s-2006-962729.
35.	Pancharoen, O.; Picker, K.; Reutrakul, V. ; Taylor, W. C.; Tuntiwachwuttikul, P. Constituents of the Zingiberaceae. X. Diastereomers of [7-hydroxy-5-methoxy-2-methyl-2-(4'-methylpent-3'-enyl)-2H-chromen-8-yl][3"-methyl-2'-(3"-methylbut-2"-enyl)-6"-phenylcyclohex-3"-enyl]methanone (panduratin B), a constituent of the red rhizomes of a variety of <i>Boesenbergia pandurata</i> . <i>Aust. J. Chem.</i> 1987 , 40(3), 455. DOI: 10.1071/ch9870455.
36.	Tuntiwachwuttikul, P.; Pancharoen, O.; Bubb, W. A.; Hambley, T. W.; Taylor, W. C.; Reutrakul, V. Constituents of the Zingiberaceae. XI. Structures of (+)-(1 <i>R</i> ,2 <i>S</i> ,3 <i>R</i> ,4 <i>S</i>)-2-benzoyloxymethylcyclohex-5-ene-1,2,3,4-tetrol 4-benzoate [(+)-zeylenol] and (+)-(1 <i>R</i> ,2 <i>R</i> ,4 <i>R</i> ,5 <i>S</i> ,6 <i>R</i> ,7 <i>R</i>)-4-benzoyloxymethyl-3,8-dioxatricyclo[5.1.0.02,4]octane-5,6-diol 5-acetate 6-benzoate (boesenboxide) isolated from a new <i>Boesenbergia</i> species. <i>Aust. J. Chem.</i> 1987, 40 (12), 2049. DOI: 10.1071/ch9872049
37.	Mahidol, C.; Tuntiwachwuttikul, P.; Pakawatchai, C.; Patrick, V. A.; Reutrakul, V. ; Skelton, B. W.; White, A. H. Constituents of the Zingiberaceae: Crystal structure of (\pm)-boesenbergin B (\pm)-E-1-[5'-hydroxy-7'-methoxy-2'-methyl-2'-(4"-methylpent-3"-enyl)-2'H-1-benzopyran-6'-yl]-3-phenylprop-2-en-1-one. <i>J. Sci. Soc. Thailand</i> 1988 , 14(4), 301.

38	Mahidol, C.; Reutrakul, V. ; Panyachotipun, C.; Turongsomboon, G.; Prapansiri, V.; Bandara, B. M. R. Selectivities of α -halosulfinyl carbanions towards enones. <i>Chem. Lett.</i> 1989 , (1), 163. DOI: 10.1246/cl.1989.163.
39.	Panthong, A.; Tassaneeyakul, W.; Kanjanapothi, D.; Tantiwachwuttikul, P.; Reutrakul, V. Anti-inflammatory activity of 5,7-dimethoxyflavone. <i>Planta Med.</i> 1989 , 55(2), 133. DOI: 10.1055/s-2006-961905.
40.	Reutrakul, V. ; Poolsanong, C.; Pohmakotr, M. α -Sulfonyl radical initiated intramolecular tandem radical cyclization. <i>Tetrahedron Lett.</i> 1989 , 30(49), 6913. DOI: 10.1016/s0040-4039(01)93387-8.
41.	Kaneda, N.; Kinghorn, A. D.; Farnsworth, N. R.; Tuchinda, P.; Udchachon, J.; Santisuk, T.; Reutrakul, V. Two diarylheptanoids and a lignan from <i>Casuarina junghuhniana</i> . <i>Phytochemistry</i> 1990 , 29(10), 3366. DOI: 10.1016/0031-9422(90)80220-b.
42.	Kaneda, N.; Pezzuto, J. M.; Soejarto, D. D.; Kinghorn, A. D.; Farnsworth, N. R.; Santisuk, T.; Tuchinda, P.; Udchachon, J.; Reutrakul, V. Plant anticancer agents, XLVIII. New cytotoxic flavonoids from <i>Muntingia calabura</i> roots. <i>J. Nat. Prod.</i> 1991 , 54 (1), 196-206. DOI: 10.1021/np50073a019.
43.	Tuchinda, P.; Udchachon, J.; Reutrakul, V. ; Santisuk, T.; Taylor, W. C.; Farnsworth, N. R.; Pezzuto, J. M.; Kinghorn, A. D. Bioactive butenolides from <i>Melodorum fruticosum</i> . <i>Phytochemistry</i> 1991 , 30 (8), 2685. DOI: 10.1016/0031-9422(91)85123-h.
44.	Kaneda, N.; Chai, H.; Pezzuto, J. M.; Kinghorn, A. D.; Farnsworth, N. R.; Tuchinda, P.; Udchachon, J.; Santisuk, T.; Reutrakul, V. Cytotoxic activity of cardenolides from <i>Beaumontia brevituba</i> stems. <i>Planta Med.</i> 1992 , 58(5), 429. DOI: 10.1055/s-2006-961506.
45.	Kaneda, N.; Pezzuto, J. M.; Kinghorn, A. D.; Farnsworth, N. R.; Santisuk, T.; Tuchinda, P.; Udchachon, J.; Reutrakul, V. Plant anticancer agents, L. Cytotoxic triterpenes from <i>Sandoricum koetjape</i> stems. <i>J. Nat. Prod.</i> 1992 , 55(5), 654. DOI: 10.1021/np50083a016.
46.	Claeson, P.; Panthong, A.; Tuchinda, P.; Reutrakul, V. ; Kanjanapothi, D.; Taylor, W. C.; Santisuk, T. Three non-phenolic diarylheptanoids with anti-inflammatory activity from <i>Curcuma xanthorrhiza</i> . <i>Planta Med.</i> 1993 , 59(5), 451. DOI: 10.1055/s-2006-959730.
47.	Claeson, P.; Tuchinda, P.; Reutrakul, V. Some empirical aspects on the practical use of flash chromatography and medium pressure liquid chromatography for the isolation of biologically active compounds from plants. <i>J. Sci. Soc. Thailand</i> 1993 , 19 (2), 73-86.
48.	Ekabo, O.; Farnsworth, N. R.; Santisuk, T.; Reutrakul, V. A phytochemical investigation of <i>Homalium ceylanicum</i> . <i>J. Nat. Prod.</i> 1993 , 56(5), 699-707. DOI: 10.1021/np50095a006.
49.	Ekabo, O. A.; Farnsworth, N. R.; Santisuk, T.; Reutrakul, V. Phenolic, iridoid and ionyl glycosides from <i>Homalium ceylanicum</i> . <i>Phytochemistry</i> 1993 , 32(3), 747. DOI: 10.1016/s0031-9422(00)95165-3.

50.	Claeson, P.; Tuchinda, P.; Reutrakul, V. Naturally occurring 1,7-diarylheptanoids. <i>J. Indian Chem. Soc.</i> 1994 , <i>71</i> (6-8), 509.
51.	Panthong, A.; Kanjanapothi, D.; Tuntiwachwuttikul, P.; Pancharoen, O.; Reutrakul, V. Antiinflammatory activity of flavonoids. <i>Phytomedicine</i> 1994 , <i>1</i> (2), 141. DOI: 10.1016/s0944-7113(11)80032-2.
52.	Reutrakul, V. ; Kruahong, T.; Pohmakotr, M. A novel method for the synthesis of α -fluoroketones via Claisen rearrangement. <i>Tetrahedron Lett.</i> 1994 , <i>35</i> (27), 4853. DOI: 10.1016/s0040-4039(00)76986-3.
53.	Reutrakul, V. ; Kruahong, T.; Pohmakotr, M. An improved procedure for the synthesis of fluoromethylketones: flash vacuum pyrolytic elimination. <i>Tetrahedron Lett.</i> 1994 , <i>35</i> (27), 4851. DOI: 10.1016/s0040-4039(00)76985-1.
54.	Rimando, A. M.; Pezzuto, J. M.; Farnsworth, N. R.; Santisuk, T.; Reutrakul, V. Revision of the NMR assignments of pterostilbene and of dihydrodehydrodiconiferyl alcohol: Cytotoxic constituents from <i>Anogeissus acuminata</i> . <i>Nat. Prod. Lett.</i> 1994 , <i>4</i> (4), 267. DOI: 10.1080/10575639408043917.
55.	Rimando, A. M.; Pezzuto, J. M.; Farnsworth, N. R.; Santisuk, T.; Reutrakul, V. ; Kawanishi, K. New lignans from <i>Anogeissus acuminata</i> with HIV-1 reverse transcriptase inhibitory activity. <i>J. Nat. Prod.</i> 1994 , <i>57</i> (7), 896-904. DOI: 10.1021/np50109a004.
56.	Tuchinda, P.; Udchachon, J.; Reutrakul, V. ; Santisuk, T.; Skelton, B. W.; White, A. H.; Taylor, W. C. Pimarane diterpenes from <i>Kaempferia pulchra</i> . <i>Phytochemistry</i> 1994 , <i>36</i> (3), 731. DOI: 10.1016/s0031-9422(00)89806-4.
57.	Wall, M. E.; Wani, M. C.; Fullas, F.; Oswald, J. B.; Brown, D. M.; Santisuk, T.; Reutrakul, V. ; McPhail, A. T.; Farnsworth, N. R. Plant antitumor agents. 31.1 The calycopterones, a new class of biflavonoids with novel cytotoxicity in a diverse panel of human tumor cell lines. <i>J. Med. Chem.</i> 1994 , <i>37</i> (10), 1465. DOI: 10.1021/jm00036a012.
58.	Claeson, P.; Pongprayoon, U.; Sematong, T.; Tuchinda, P.; Reutrakul, V. ; Soontornsaratune, P.; Taylor, W. C. Non-phenolic linear diarylheptanoids from <i>Curcuma xanthorrhiza</i> . A novel type of topical anti-inflammatory agents. Structure-activity relationship. <i>Planta Med.</i> 1996 , <i>62</i> (3), 236-240. DOI: 10.1055/s-2006-957867.
59.	Pongprayoon, U.; Sematong, T.; Tuchinda, P.; Claeson, P.; Reutrakul, V. ; Nahar, N. Topical antiinflammatory activity of two pimarane diterpenes from <i>Kaempferia pulchra</i> . <i>Phytother. Res.</i> 1996 , <i>10</i> (6), 534-535.
60.	Reutrakul, V. ; Sumpanwatanakun, C.; Pohmakotr, M. A rapid entry to functionalized cyclohexanes and cyclopentanes via a one-pot, multicomponent annulations. <i>J. Sci. Soc. Thailand</i> 1996 , <i>22</i> (1), 83-87.
61.	Sturm, S.; Gil, R. R.; Chai, H.-B.; Ngassapa, O. D.; Santisuk, T.; Reutrakul, V. ; Howe, A.; Moss, M.; Besterman, J. M. Lupane derivatives from <i>Lophopetalum wallichii</i> with farnesyl protein transferase inhibitory activity. <i>J. Nat. Prod.</i> 1996 , <i>59</i> (7), 658-663. DOI: 10.1021/np960370u.
62.	Cui, B.; Chai, H.; Santisuk, T.; Reutrakul, V. ; Farnsworth, N. R.; Cordell, G. A.; Pezzuto, J. M.; Kinghorn, A. D. Novel cytotoxic 1 <i>H</i> -cyclopenta[<i>b</i>]benzofuran lignans

	from <i>Aglaia elliptica</i> . <i>Tetrahedron</i> 1997 , 53(52), 17625-17632. DOI: 10.1016/s0040-4020(97)10231-9.
63.	Panthong, A.; Kanjanapothi, D.; Niwatananant, W.; Tuntiwachwuttikul, P.; Reutrakul, V. Anti-inflammatory activity of compound D {(E)-4-(3',4'-dimethoxyphenyl)but-3-en-2-ol} isolated from <i>Zingiber cassumunar</i> . <i>Phytomedicine</i> 1997 , 4(3), 207-212. DOI: 10.1016/s0944-7113(97)80069-4.
64.	Pongprayoon, U.; Tuchinda, P.; Claeson, P.; Sematong, T.; Reutrakul, V. ; Soontornsaratune, P. Topical antiinflammatory activity of the major lipophilic constituents of the rhizome of <i>Zingiber cassumunar</i> . Part 2. Hexane extractives. <i>Phytomedicine</i> 1997 , 3(4), 323-326. DOI: 10.1016/s0944-7113(97)80004-9.
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Patent

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