Electronic supplementary information (ESI) for *Natural Product Reports*

SUPPORTING INFORMATION

Natural Stilbenoids: distribution in the plant kingdom and chemotaxonomic interest in Vitaceae

Céline Rivière,*[ab] Alison D. Pawlus[a] and Jean-Michel Mérillon[a]
[a]*Université de Bordeaux, Groupe d'Etude des Substances Végétales à Activité Biologique (GESVAB), EA 3675, Institut des Sciences de la Vigne et du Vin, 210 Chemin de Leysotte, CS 50008, F-33882 Villenave d'Ornon Cedex, France.*
[b]*Laboratoire de Pharmacognosie, EA4481 (GRIIOT), Faculté des Sciences Pharmaceutiques et Biologiques, Université Lille Nord de France (Lille 2), F-59006 Lille Cedex, France*
E-mail: celine.riviere-3@univ-lille2.fr
Tel/Fax: +33 (0)3-20964041

The 'Supporting Information' is a supplementary data for **section 2** to illustrate the distribution of all stilbenes, stilbene hydrids and 2-arylbenzofurans in the plant kingdom up to March 2012 and for **section 3** to illustrate the distribution and the chemical structures of all stilbenoids in Vitaceae.

The 'Supporting Information' was composed of twelve parts:

Electronic supplementary information (ESI) for *Natural Product Reports*

Table S1 Distribution of stilbenes, stilbene hybrids and 2-arylbenzofuran derivatives from the Embryophyta division

Order	Family	*Genus*	*Species*	Type of compound[1]	Ref
Bryophytes - Marchantiophyta (Liverworts)					
Marchantiales	Corsiniaceae	*Corsinia*	*C. coriandrina* (Spreng.) Lindb.	**Whole plant:** (*E*)-3,4'-dimethoxystilbene (M), (*Z*)-3,4'-dimethoxystilbene (M), corsifuran C (MB)	1, 2
	Lejeuneaceae	*Marchesinia*	*M. bongardiana* Trevis.	**Gametophytes:** 3,4-dihydroxy-3'-methoxystilbene (M)	1, 3
Euphyllophytes - Monilophytes - Psilotopsida					
Ophioglossales	Ophioglossaceae	*Helminthostachys*	*H. zeylanica* (L.) Hook.	**Rhizomes:** ugonstilbenes A-C (McG)	1, 4
Euphyllophytes- Monilophytes – Polypodopsidia					
Polypodiales	Dryopteridaceae	*Dryopteris*	*D. sublaeta* Ching & Y.P. Hsu	**Fresh plant:** 3,5-dihydroxy-stilbene-3-*O*-neohesperidoside (M*O*G), 3,5-dihydroxy-stilbene-3-*O*-*β*-D-glucoside (M*O*G)	5
Spermatophytes – Gymnosperms - Gnetophytes					
Gnetales	Welwitschiaceae	*Welwitschia*	*W. mirabilis* Hook. f.	**Wood:** gnetins F-G (DR), gnetins H-I (TrR)	6
				Stems and roots: gnetin C (DR), gnetin F (DR), mirabilosides A-B (DR*O*G), gnetins E and I (TrR), mirabilols A-B (TrR)	1, 7-8
				Stems and roots: resveratrol (M), gnetin G (DR), gnemonoside B (DR*O*G), mirabilosides C-F (TrR*O*G)	9
	Gnetaceae	*Gnetum*	*G. africanum* Welw.	**Stems:** resveratrol (M), isorhapontigenin (M), gnetol (M), gnetifolin K (M*O*G), resveratrol 3,4'-*O*-*β*-diglucopyranoside (M*O*G), piceatannol 4'-*O*-*β*-glucopyranoside (M*O*G), piceatannol 3,4'-*O*-*β*-diglucopyranoside (M*O*G), resveratroloside (M*O*G), longusol A (DRP), gnetin C (DR), gnetin D (DRO), gnetofolin E (D), gneafricanin A (DIO), gneafricanin B (DIP), gneafricanin C (DP), gneafricanin D (DR), gneafricanin E (DRO), gneafricanin F (DI), bisisorhaphontigenin B (DI), gnemonosides A-B and H (DR*O*G) gnemonosides I-J (DRO*O*G), gnetin E (TrR)	1, 8, 10-12
				Stems: gnetoflavanols A-D (FS)	13
			G. cleistostachyum C.Y.Cheng	**Lianas:** resveratrol (M), piceatannol (M), rhapontigenin (M), isorhapontigenin (M), 4-methoxyresveratrol (M), pinosylvin (M) gnetucleistol B = (*Z*)-3,5,10,14-tetrahydroxy-4-methoxylstilbene (M), gnetupendin B (M), gnetucleistol D = 2-methoxyoxyresveratrol (M), gnetucleistol E = 3-methoxyisorhapontigenin (M), gnetol (M), gnetifolin A (MB), gnetucleistol C (MB), shegansu B (DI), bisisorhapontigenin A (DI), *Z* shegansu B (DI), gnetuhainin P (DI), gnetulin (DI), gnetucleistol F (SL), lehmbachol D (SL), gnetifolin F (SL), gnetofuran A (SHP), gnetumontanin C (SHL), gnetucleistol A (SHI)	14-17
			G. gnemon L.	**Roots:** gnetol (M), gnetifolin K (M*O*G), gnetin C (DR), gnetin D (DRO), gnemonol G (DR), gnemonol M (DI), gnemonosides A-B (DR*O*G), gnemonol A (TrRO), gnemonols D-F (TrRO), gnemonols I-J (TrRO), gnemonol H (TrR), gnemonols K-L (TrR), ampelopsin-E (TrR), *Z*-ampelopsin-E (TrR), gnetin E (TrR), gnemonosides F and K (TrR*O*G), gnemonol B (TeR)	1, 8, 18-21
				Roots: gnetoflavanols E-F (FS)	13
				Seeds: resveratrol (M), gnetin C (DR), gnetin L (DIR), gnemonosides A, C, D (DR*O*G)	22

	G. gnemon L.	**Fruits:** resveratrol (M), isorhapontigenin (M), gnetin C (DR), gnemonosides D and L (DR*O*G), gnetin E (TrR), gnemonoside M (Tr*O*G)	23
	G. gnemonoides Brongn.	**Stems:** resveratrol (M), resveratroloside (M*O*G), gnetin C (DR), gnetin D (DRO), 2b-hydroxyampelopsin F (DRO), gnetofolin E (D), gnemonosides A-E and H (DR*O*G), gnemonosides F-G (TrR*O*G), gnetin E (TrR), gnemonol C (TeRO), gnetal (OgD)	1, 8, 12, 18, 24
		Barks: gneyulins A-B (TrO)	25
	G. hainanense C.Y. Cheng ex L.K. Fu, Y. F. Yu & M.G. Gilbert	**Lianas:** resveratrol (M), oxyresveratrol (M), rhapontigenin (M), isorhapontigenin (M), gnetol (M), gnetulin (DI), (-)-ε-viniferin (DR), resveratrol transdehydrodimer (DR), gnetuhainins A-E (DRO), gnetuhainins F-J and P (DI), gnetuhainin K (DIG), gnetuhainin L (DIO), gnetuhainin Q (DIR), gnetuhainin S (DR), gnetuhainin M (TrR), gnetuhainin O-P (TrI), gnetuhainin R (TeI)	1, 26-32
	G. klossii Merr. ex Markgraf	**Stems:** *E*-resveratrol (M), isorhapontigenin (M), gnetol (M), gnetofurans B-C (MB), gnetulin (DI), gnetin C (DR), (-)-ε-viniferin (DR), latifolol (TrRO), gnetin E (TrR), gnetifolin F (SL), gnetofuran A (SHP)	1, 33
	G. latifolium Blume	**Stems:** resveratrol (M), gnetin C (DR), gnetin D (DRO), (-)-ε-viniferin (DR), gnetin E (TrR), latifolol (TrRO)	1, 34
	G. leyboldii Tul.	**Wood bark:** gnetin A (DR), gnetin B (DR), gnetin C (DR), gnetin D (DRO), gnetin E (TrR)	35
	G. macrostachyum Hook. f.	**Roots:** *E*-resveratrol (M), gnetol (M), isorhapontigenin (M), bisisorhapontigenin B (DI), parvifolol A (DRO), macrostachyol C (DRO), macrostachyol D (DIR), latifolol (TrRO), macrostachyol B (TrR), macrostachyol A (TeRO)	36-37
	G. montanum Markgr.	**Lianas:** resveratrol (M), gnetol (M), isorhapontigenin (M), gnetifolin E (M*O*G), isorhapontigenin 3-*O*-*β*-D-glucoside (M*O*G), stemofuran B = gnetifolin M = gnetifolin P (MB), gnetifolins L-O (DI), (-)-ε-viniferin (DR), gnetifolin C (D)	1, 38-40
	G.montanum fo. *megalocarpum* Markgr.	**Lianas:** oxyresveratrol (M), rhapontigenin (M), resveratrol (M), isorhapontigenin (M), gnetol (M), pinosylvin (M), gnetupendin B (M), gnetumelin A = 10-benzyl-3-*O*-demethylisorhapontigenin (M), gnetumelin C = 5-[3-(4-hydroxy-3-methoxy-phenyloxiran-2-yl]benzene-1,2,3-triol (M), isorhapontigenin 3-*O*-*β*-D-glucoside (M*O*G), isorhapontigenin 12-*β*-D-glucoside (M*O*G), gnetifolin E (M*O*G), gnetifolin K (M*O*G), gnetifolin A (MB), gnetofuran B (MB), gnetifolin M = gnetifolin P (MB), gnetumelin B (MB), (-)-ε-viniferin (DR), gnetumontanin A (DO), shegansu B (DI), gnetulin (DI), gnetin D (DRO), gnetumontanin C (SHL), gnetumontanin D (SHL*O*G), gnetumontanin B (TrOR), gnetuhainin M (TrR)	1, 41-42
	G. parvifolium (Warb.) W.C. Cheng	**Lianas:** resveratrol (M), isorhapontigenin (M), gnetol (M), pinosylvin (M), gnetifolin (MOG), gnetifolin K (M*O*G), isorhapontigenin 3-*O*-*β*-D-glucopyranoside (M*O*G), isorhapontigenin-4'-*O*-*β*-glucopyranoside (M*O*G),	1, 8, 43-49

			G. parvifolium (Warb.) W.C. Cheng	isorhapontigenin-12-*O*-*β*-D-glucoside = gnetifolin E (M*O*G), gnetifolin A (MB), gnetifolins C-D (D), (-)-*ε*-viniferin (DR), gnetulin (DI), parvifolols A-B (DRO), parvifolol C (DO), shegansu B = parvifolol D (DI), 2b-hydroxyampelopsin F (DRO), gnetifolin F (SL) **Stems:** resveratrol (M), isorhapontigenin (M), gnetol (M), isorhapotigenin 3-*O*-*β*-D-glucopyranoside (M*O*G), gnetuhainin E (DRO), shegansu B (DI), lehmbachol D (SL)	50
			G. pendulum C.Y. Cheng	**Lianas:** resveratrol (M), isorhapontigenin (M), gnetupendins A-B (M), isorhapontigenin-3-*O*-*β*-D-glucoside (M*O*G), shegansu B (DI), gnetupendin C (DRO), gnetulin (DI), gnetin D (DRO), gnetupendin D (DI*O*G)	1, 51-54
			G. ula Brongn.	**Whole plant:** gnetol (M), 3,4-methylenedioxy-4′-methoxy-*E*-stilbene = gnetin (M), 3,4,5′-trihydroxy-3′-methoxy-*E*-stilbene (M), gnetulin (DI)	55-57
			G. venosum Spruce ex Benth.	**Seeds:** resveratrol (M), isorhapontigenin (M), gnetin C (DR), gnetin E (TrR), gnetin J (TrR*), gnetin K (TrR*)	58
			G. schwackeanum Taub. ex Markgr.	**Fruits:** gnetin C (DR), gnetin E (TrR)	35
Spermatophytes – Gymnosperms – Pinales order – Pinaceae family					
Pinales	Pinaceae	*Abies*	*A. chensiensis* Tiegh.	**Aerial Parts:** resveratrol (M), *Z*-resveratrol (M), piceid (M*O*G)	59
		Larix	*L. laricina* (Du Roi) K. Koch	**Stem bark:** 3-methoxy-3,3′,5′-trihydroxystilbene (M)	60
		Picea	*P. abies* (L.) H. Karst.	**Bark:** resveratrol (M), piceatannol (M) isorhapontigenin (M), astringin (M*O*G), isorhapontin (M*O*G) **Root Bark:** isorhapontin (M*O*G), piceid (M*O*G), astringin (M*O*G) **Bark:** piceasides A-B and G-H (DP*O*G), piceasides C-F (DIP*O*G)	61-62 63 1, 64
			P. bicolor (Maxim.) Mayr	resveratrol (M)	62
			P. engelmannii Parry ex Engelm.	**Bark:** piceatannol (M), isorhapontigenin (M), astringin (M*O*G), isorhapontin (M*O*G)	62
			P. excelsa (Lamb.) Link	resveratrol (M), piceatannol (M)	62
			P. glauca (Moench) Voss	**Bark:** piceatannol (M), isorhapontigenin (M), astringin (M*O*G), isorhapontin (M*O*G)	63
			P. glehnii (F. Schmidt) Mast.	**Bark:** resveratrol (M), piceatannol (M), isorhapontigenin (M), isorhapontin (M*O*G), piceid (M*O*G), astringin (M*O*G)	62, 65-66
			P. jezoensis (Siebold & Zucc.) Carrière var. *jezoensis*	**Bark:** piceatannol (M), jezonolide (M), jezonodione (DP), jezonofol (DP), *E*-scirpusin A (DRP), *E*-scirpusin B (DP), cassigarol E (DP), jezonocinols A-C (FS)	67-68
			P. koraiensis Nakai	resveratrol (M), isorhapontigenin (M), isorhapontin (M*O*G), piceid (M*O*G), astringin (M*O*G)	62
			P. koyamae Shiras.	resveratrol (M)	62
			P. mariana (Mill.) Britton, Sterns & Poggenb.	piceatannol (M), isorhapontigenin (M), isorhapontin (M*O*G), astringin (M*O*G)	62
			P. obovata Ledeb.	resveratrol (M), piceatannol (M), isorhapontigenin (M), piceid (M*O*G), astringin (M*O*G), isorhapontin (M*O*G)	62
			P. ajanensis Fish. Ex Carrière	**Bark:** resveratrol (M), piceatannol (M), isorhapontigenin (M), astringin (M*O*G)	62
			P. polita (Siebold & Zucc.) Carrière	resveratrol (M)	62
			P. rubens Sarg.	piceatannol (M), isorhapontigenin (M), astringin (M*O*G), isorhapontin (M*O*G)	62

	Picea	*P. sitchensis* (Bong.) Carrière	**Bark:** piceatannol (M), isorhapontigenin (M), astringin (M*O*G), isorhapontin (M*O*G), piceid (M*O*G)	62, 69
	Pinus	*P. albicaulis* Engelm.	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. aristata Engelm.	pinosylvin monomethyl ether (M)	62
		P. armandii Franch.	pinosylvin monomethyl ether (M), pinosylvin dimethyl ether (M), 3,5-dimethoxystilbene oxide (M)	62
		P. armandii var. mastersiana (Hayata) Hayata	**Heartwood**: *E*-pinosylvin monomethyl ether (M), *E*-pinosylvin dimethyl ether (M), *Z*-pinosylvin (M), *Z*-pinosylvin dimethyl ether (M), *E*-pinosylvin oxide dimethyl ether (M)	70
		P. armandii Franch.	**Heartwood**: (*E*)-3-hydroxy-5-methoxystilbene (M)	71
		P. attenuata Lemmon	pinosylvin monomethyl ether (M)	62
		P. ayacahuite C. Ehrenb. ex Schltdl.	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. balfouriana Balf.	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. banksiana Lamb.	pinosylvin (M), pinosylvin monomethyl ether (M) **Bark:** *Z*-pinosylvin dimethyl ether (M), *E*-pinosylvin dimethyl ether (M),	62 72
		P. canariensis C. Smith in Buch	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. caribaea Morelet	pinosylvin monomethyl ether (M)	62
		P. cembra L.	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. cembroides Zucc.	pinosylvin monomethyl ether (M)	62
		P. clausa (Chapm. Ex Engelm.) Sarg.	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. contorta Douglas ex Loudon	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. contorta var. *latifolia* Engelm.	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. coulteri Lamb. ex D. Don	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. densa (Little & K.W. Dorman) Silba	pinosylvin monomethyl ether (M)	62
		P. densiflora Siebold & Zucc.	pinosylvin (M), pinosylvin monomethyl ether (M) **Pulp:** pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. echinata Mill.	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. flexilis E. James	pinosylvin monomethyl ether (M)	62
		P. gerardiana Wall. ex D. Don	pinosylvin monomethyl ether (M)	62
		P. glabra Walter	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. griffithii McClell.	pinosylvin (M), pinosylvin monomethyl ether (M), pinosylvin dimethyl ether (M), 4-hydroxystilbene (M), 4-methoxystilbene (M)	62
		P. halepensis Mill.	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. jeffreyi Balf.	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. khasya Royle ex Kook. f.	pinosylvin monomethyl ether (M)	62
		P. koraiensis Siebold & Zucc.	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. krempfii Lecomte	pinosylvin (M), pinosylvin monomethyl ether (M)	62

	Pinus	*P. leiophylla* Schiede ex Schltdl. & Cham.	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. longifolia Salisb.	pinosylvin monomethyl ether (M)	62
		P. lumholtzii B.L. Rob. & Fernald	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. massoniana D. Don	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. montana Mill.	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. montezumae Lamb.	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. monticola Douglas ex D. Don	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. morrisonicola Hayata	pinosylvin (M), pinosylvin monomethyl ether (M), pinosylvin dimethyl ether (M), 3,5-dimethoxystilbene oxide (M) **Heartwood:** *E*-pinosylvin (M), *E*-pinosylvin monomethyl ether (M), *E*-pinosylvin dimethyl ether (M), *Z*-pinosylvin (M), *Z*-pinosylvin dimethyl ether (M), *E*-pinosylvin oxide dimethyl ether (M)	62 70
		P. mugo Turra	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. muricata D. Don	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. nigra var. *austriaca* (Höss) Badoux	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. nigra var. *maritima* (Aiton) Melville	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. occidentalis Sw.	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. nigra var. *poiretiana* (Antoine) C.K. Schneid.	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. palustris Mill.	pinosylvin monomethyl ether (M)	62
		P. parviflora Siebold & Zucc.	**Heartwood:** *E*-pinosylvin (M), *E*-pinosylvin monomethyl ether (M)	62, 70
		P. pentaphylla Mayr	*E*-pinosylvin (M), *E*-pinosylvin monomethyl ether (M)	62
		P. pinea L.	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. pinaster Aiton	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. ponderosa P. Lawson & C. Lawson	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. pumila (Pall.) Regel	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. pungens Lamb.	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. radiata D. Don	pinosylvin (M), pinosylvin monomethyl ether (M) **Roots:** piceatannol (M), astringin (M*O*G) **Pulp:** resveratrol (M), pinostilbene (M) **Bark:** piceatannol (M), astringin (M*O*G) **Knotwood:** *E*-pinosylvin (M), *E*-pinosylvin monomethyl ether (M)	62 62 62 62 73
		P. radiata subsp. *insignis* Schwer.	pinosylvin (M), pinosylvin monomethyl ether (M)	62
		P. resinosa Aiton	**Callus:** pinosylvin (M), pinosylvin monomethyl ether (M) **Wood:** pinosylvin monomethyl ether (M), pinosylvin (M), pinosylvin dimethyl ether (M)	62 74
		P. rigida Mill.	pinosylvin (M), pinosylvin monomethyl ether (M)	62

		Pinus	*P. sabiniana* Douglas ex D. Don	pinosylvin (M), pinosylvin monomethyl ether (M)	62
			P. sibirica Du Tour	pinosylvin (M), pinosylvin monomethyl ether (M), pinosylvin dimethylether (M), resveratrol (M), pinostilbene (M), trimethoxyresveratrol (M), pinostilbenoside (M*O*G), resveratroloside (M*O*G) **Bark:** resveratrol (M), pinostilbene (M) **Phloem:** pinostilbene (M), resveratrol (M), pinostilbenoside (M*O*G), resveratroloside (M*O*G)	62 62 75
			P. strobus L.	pinosylvin (M), pinosylvin monomethyl ether (M)	62
			P. strobus L. *var. chiapensis* Martínez	**Wood:** pinosylvin-monomethylether (M), pinosylvin-dimethylether (M)	76
			P. sylvestris L.	pinosylvin (M), pinosylvin monomethyl ether (M) **Bark:** resveratrol (M), pinostilbene (M) **Inner bark:** 3,4 ',5-trihydroxy-*E*-stilbene 4'-*O*-*β*-D-glucopyranoside (M*O*G), 3,4'-dihydroxy-5-methoxy-*E*-stilbene 4'-*O*-*β*-*D*- glucopyranoside (M*O*G)	62 62 77
			P. taeda L.	pinosylvin (M), pinosylvin monomethyl ether (M) **Wood:** 5-hydroxy-3-monomethoxy-*E*-stilbene (M)	62 78
			P. virginiana Mill.	pinosylvin monomethyl ether (M)	62
Spermatophytes – Gymnosperms – Cupressophytes - other Pinales					
Pinales	Cupressaceae	*Juniperus*	*J. macropoda Boiss.*	**Wood:** resveratrol (M), piceid (M*O*G)	79
Spermatophytes - Angiosperms - Magnoliids					
Laurales	Lauraceae	*Cryptocarya*	*C. idenburgensis* C.K. Allen	3-hydroxy-5-methoxystilbene (M), idenburgene (M)	80
Magnoliales	Myristicaceae	*Knema*	*K. austrosiamensis* W.J. de Wilde	**Wood:** 3,4'-dimethoxy-5-hydroxystilbene (M), 3,5-dihydroxy-4'-methoxystilbene (M)	62
		Virola	*V. cuspidata* (Spruce ex Benth.) Warb.	**Bark:** (*E*)-3,4',5-trimethoxy-stilbene (M), (*Z*)-3,4',5-trimethoxy-stilbene (M)	62-81
			V. elongata (Benth.) Warb.	**Bark:** (*E*)-3,4',5-trimethoxy-stilbene (M), (*Z*)-3,4',5-trimethoxy-stilbene (M)	62-81
Spermatophytes - Angiosperms - Monocots					
Dioscoreales	Dioscoreaceae	*Dioscorea*	*D. antaly* Jum. & H. Perrier	**Tubers:** (*E*)-piceatannol (M), cassigarol D (DP), scirpusin B (DP)	82
Pandanales	Stemonaceae	*Stemona*	*S. collinsae* Craib	**Roots:** pinosylvin (M), 4'-methyl pinosylvin (M), stemofurans A-K (MB)	1, 83
			S. pierrei Gagnep.	**Roots:** pinosylvin (M), 4'-methylpinosylvin (M)	84
Liliales	Melanthiaceae	*Schoenocaulon*	*S. officinale* (Schltdl. & Cham.) A. Gray ex Benth.	**Rhizomes:** oxyresveratrol (M), oxyresveratrol 2-*O*-*β*-glucopyranoside (M*O*G), resveratrol 3,4′-*O,O′*-di-*β*-D-glucopyranoside (M*O*G), oxyresveratrol 3′-*O*-*β*-D-glucopyranoside (M*O*G), resveratrol 3-*O*-*β*-D-glucopyranoside (M*O*G), mulberroside A (M*O*G), schoenoside (MB*O*G), moracin M 3′-*O*-*β*-D-glucopyranoside (MB*O*G)	1, 85
		Veratrum	*V. dahuricum* (Turcz.) Loes.	**Rhizomes:** 5-methylresveratrol-3,4'-*O*-*β*-D-diglucopyranoside (M*O*G), resveratrol-3-*O*-*β*-D-glycoside (M*O*G), 4'-methyl resveratrol-3-*O*-*β*-D- glycoside (M*O*G), oxyresveratrol-4'-*O*-*β*-D-glycoside (M*O*G), oxyresveratrol-3-*O*-*β*-D-glycoside (M*O*G), oxyresveratrol-3,4'-*O*-*β*-D-diglycoside (M*O*G)	86
			V. formosanum Loes	Resveratrol (M)	87
			V. grandiflorum (Maxim. Ex Baker) Loes.	resveratrol (M), oxyresveratrol (M), piceid (M*O*G), 2,3',4,5'-tetrahydroxystilbene-3'-*O*-*β*-D-glucopyranoside (M*O*G)	62

		Veratrum	*V. maackii* Regel	resveratrol (M), 2, 3′, 4, 5′-tetrahydroxystilbene (M)	88
			V. taliense Loes.	**Roots and rhizomes:** resveratrol (M), piceid (M*O*G), isorhapontin (M*O*G), mulberroside E (M*O*G), veraphenol (MB)	89
	Smilacaceae	*Smilax*	*S. china* L.	**Rhizomes:** (*E*)-resveratrol (M), (*Z*)-resveratrol (M), oxyresveratrol (M), piceid (M*O*G), veraphenol (MB), (*Z*)-scirpusin A (DRP)	90-92
			S. corbularia Kunth	**Rhizomes:** (*E*)-resveratrol (M), piceatannol (M), isorhapontigenin (M), gnetumontanins E-G (SHL)	93
			S. menispermoidea A. DC.	**Rhizomes:** resveratrol (M), piceatannol (M)	94
Asparagales	Asparagaceae	*Agave*	*A. sisalana* Perrine ex Engelm.	**Leaves:** (*E*)- and (*Z*)-2,3,4′,5-tetrahydroxystilbene 2-*O*-*β*-D-glucopyranosides (M*O*G)	95
		Dracaena	*D. cochinchinensis* (Lour.) S.C. Chen (= *D. loureiroi* (Lour.) Gagnep.)	**Resin:** resveratrol (M), pterostilbene (M) **Stem wood:** 4,3′,5′-trihydroxystilbene (M), 4,3′-dihydroxy-5′-methoxystilbene (M), 4-hydroxy-3′,5′-dimethoxystilbene (M)	96 97
		Muscari	*M. comosum* (L.) Mill.	**Bulbs:** (*E*)-3'-methoxy-4,5'-dihydroxystilbene (M)	98
		Scilla	*S. nervosa* (Burch.) J.P.Jessop	**Bulbs:** (*E*)-resveratrol (M), (*E*)-rhapontigenin (M), isorhapontigenin (M), 3',4-dihydroxy-3,5'-dimethoxystilbene (M)	99-101
			S. scilloides Druce	**Fresh bulbs:** 4-methylresveratrol (M), 3,5,4'-trihydroxy-3'-methoxy-4-methyl-*E*-stilbene (M)	102
		Yucca	*Y. gloriosa* L.	**Roots:** gloriosaols A-C (Ospiro)	1, 103-105
			Y. periculosa Baker	**Bark:** resveratrol (M), 4,4′-dihydroxystilbene (M), 3,3′,5,5′ -tetrahydroxy-4-methoxystilbene (M)	106
			Y. schidigera Ortgies	**Bark:** resveratrol (M), *E*-3,3′,5,5′-tetrahydroxy-4′-methoxystilbene (M), yuccaols A-E (Ospiro), yuccaone A (Ospiro)	1 , 107-109
	Iridaceae	*Belamcanda*	*B. chinensis* (L.) DC.	**Rhizomes:** resveratrol (M), shegansu B (DI)	1, 110
		Iris	*I. clarkei* Baker	**Seeds:** ampelopsin B (DR), *α*-viniferin (TrR)	111
			I. halophila Pall.	**Seeds**: resveratrol (M), halophilol A (M), *ε*-viniferin (DR), γ-2-viniferin (DR), halophilol B (TeR)	1, 112
			I. hookeriana Foster	**Rhizomes:** piceid (M*O*G)	113
			I. tingitana Boiss. & Reut.	**Fresh bulbs:** *E*-resveratrol 3-*O*-glucopyranoside (M*O*G), tingitanols A-B (DR*O*G)	114
	Orchidaceae	*Otochilus*	*O. fuscus* Lindl.	**Whole plant:** 3',4-dihydroxy-3,5'-dimethoxystilbene (M)	115
		Pholidota	*P. chinensis* Lindl.	**Whole plant:** resveratrol (M), (*E*)-3,3'-dihydroxy-5'-methoxystilbene = thunalbene (M), (*E*)-3-hydroxy-2',3',5-trimethoxystilbene (M), (*E*)-3-3'-dihydroxy-2',5-dimethoxystilbene (M), (*E*)-2',3,3'-trihydroxy-5-methoxystilbene = pholidotol C (M), (*Z*)-3,3'-hydroxy-5-methoxystilbene = pholidotol D (M)	116-119
			P. yunnanensis Rolfe	**Whole plant:** (*Z*)-3,3'-dihydroxy-5-methoxystilbene (M), (*E*)-3,3',5-trihydroxystilbene (M), (*E*)-3,3',5-trihydroxy-2'-methoxystilbene (M), (*E*)-3,3'-dihydroxy-2',4',5-trimethoxystilbene = phoyunbene A (M), (*E*)-3,4'-dihydroxy-2',3',5-trimethoxystilbene = phoyunbene B (M), (*E*)-3,3'-dihydroxy-2',5-dimethoxystilbene = phoyunbene C (M), (*E*)-3-hydroxy-2',3',5-trimethoxystilbene = phoyunbene D (M)	1, 118-119

		Phragmipedium	*P. calurum* (= hybrid of 75% *P. longifolium* (Warsz. & Rchb. f.) Rolfe and 25% *P. schlimii* (Linden ex Rchb. f.) Rolfe)	**Whole plant:** (*E*)-3'-hydroxy-2'-(4-hydroxybenzyl)-5'-methoxystilbene (M), (*E*)-5'-hydroxy-2'-(4-hydroxybenzyl)-3'-methoxystilbene (M), (*E*)-2,3'-dihydroxy-2'-(4-hydroxybenzyl)-5'-methoxystilbene (M), (*E*)-2,5'-dihydroxy-2'-(4-hydroxybenzyl)-3'-methoxystilbene (M), (*E*)-3'-hydroxy-2',4'-bis(4-hydroxybenzyl)-5'-methoxystilbene (M), (*E*)-2,3'-dihydroxy-2',6'-bis(4-hydroxybenzyl)-5'-methoxystilbene (M), 3'-hydroxy-5'-methoxystilbene (M), 2,3'-dihydroxy-5'-methoxystilbene (M), 3',5'-dimethoxy-2-hydroxystilbene (M), 2,3-dihydroxy-3',5'-dimethoxystilbene (M), 3',4'-dihydroxy-5'-methoxystilbene (M)	1, 120
			P. hybrid (var. Sorcerer's Apprentice) (= hybrid *of P. longifolium* (Warsz. & Rchb. f.) Rolfe and *P. lindleyanum* (R.H. Schomb. ex Lindl.) Rolfe)	**Whole plant:** (*E*)-5'-hydroxy-2'-(4-hydroxybenzyl)-3'-methoxystilbene (M), (*E*)-2,5'-dihydroxy-2'-(4-hydroxybenzyl)-3'-methoxystilbene (M), (*E*)-2,3'-dihydroxy-2',6'-bis(4-hydroxybenzyl)-5'-methoxystilbene (M), (*E*)-2,3-dihydroxy-2'-(4-hydroxybenzyl)-3',5'-dimethoxystilbene (M), (*E*)-2-hydroxy-2'-(4-hydroxybenzyl)-5,3',5'-dimethoxystilbene (M), 2,3'-dihydroxy-5'-methoxystilbene (M), 2,3'-dihydroxy-5,5'-dimethoxystilbene (M), phragmidimer A (DHM), phragmidimer B (DDD)	1, 120
			P. longifolium (Warsz. & Rchb. f.) Rolfe	**Whole plant:** (*E*)-3'-hydroxy-2'-(4-hydroxybenzyl)-5'-methoxystilbene (M), (*E*)-5'-hydroxy-2'-(4-hydroxybenzyl)-3'-methoxystilbene (M), (*E*)-2,3'-dihydroxy-2'-(4-hydroxybenzyl)-5'-methoxystilbene (M), (*E*)-2,5'-dihydroxy-2'-(4-hydroxybenzyl)-3'-methoxystilbene (M), (*E*)-3'-hydroxy-2',4'-bis(4-hydroxybenzyl)-5'-methoxystilbene (M), (*E*)-2,3'-dihydroxy-2',6'-bis(4-hydroxybenzyl)-5'-methoxystilbene (M), 3'-hydroxy-5'-methoxystilbene (M), 2,3'-dihydroxy-5'-methoxystilbene (M), thunalbene (M), phragmidimer B (DDD)	1, 120
		Thunia	*T. alba* (Lindl.) Rchb. f.	**Whole plant:** thunalbene (M)	1, 121
Spermatophytes - Angiosperms – Monocots - Commelinids					
Arecales	Arecaceae	*Aiphanes*	*A. aculeata* Willd.	**Seeds:** isorhapontigenin (M), piceatannol (M), aiphanol (SL)	1, 122
		Euterpe	*E. oleracea* Mart.	**Berries:** resveratrol (M) *at a very low concentration*	123
		Livistona	*L. chinensis* (Jacq.) R. Br. ex Mart.	**Fruits:** resveratrol (M), 3,5,3',5' tetrahydroxy-4'-methoxystilbene (M), 4-hydroxy-3',5'-dimethoxystilbene (M)	124
		Phoenix	*P. dactylifera* L.	**Stems:** resveratrol (M), (*E*)-4-methoxy-3,3', 5,5'-tetrahydroxystilbene (M), (*Z*)-4-methoxy-3,3', 5,5'-tetrahydroxystilbene (M)	62
		Syagrus	*S. romanzoffiana* (Cham.) Glassman	**Seeds:** 3,3',4,5,5'-pentahydroxy-*E*-stilbene (M), piceatannol (M), resveratrol (M), scirpusin A (DRP), scirpusins C-D (DPe), scirpusin B (DP), scirpusin E (DPPe), 13-hydroxykompasinol A (SP), kompanisol A (SP), syagrusin A (SHO), syagrusin B (SHB), 5-hydroxyaiphanol (SL), syagrusin C = 7",13-dihydroxy-12-dehydroxysyagrusin A (SH)	1, 125-127
Commelinales	Haemodoraceae	*Anigozanthos*	*A. flavidus* Redoute	**Roots and rhizomes:** anigopreissin A (DR)	128
			A. preissii Endl.	**Roots:** anigopreissin A (DR), anigopreissin A-4a-*O*-*β*-D-glucopyranoside (DR*O*G), anigopreissin A-4b-*O*-*β*-D-glucopyranoside (DR*O*G), anigopreissin A-4a,4b-di-*O*-*β*-D-glucopyranoside (DR*O*G)	1, 129-130

Electronic supplementary information (ESI) for *Natural Product Reports*

Zingiberales	Musaceae	*Musa*	*M. cavendishii* Lamb. ex Paxton	**Rhizomes:** anigopreissin A (DR)	1, 131
	Zingiberaceae	*Alpinia*	*A calcarata* Roscoe	**Rhizomes:** (*Z*)-3-methoxy-5-hydroxystilbene (M),	131
			A katsumadae Hayata	**Aerial parts:** (*Z*)-3-methoxy-5-hydroxystilbene (M), (*Z*)-3,5-dihydroxystilbene (M), (*E*)-1-(1-terpinen-4-olyl)-3-methoxystilbene (MMe)	1, 132
Poales	Cyperaceae	*Carex*	*C. ciliatomarginata* Nakai	**Whole plant:** pallidol (DR), (+)-*α*-viniferin (TrR), kobophenol A (TeR)	133
			C. distachya Desf.	**Leaves:** carexanes A-C (MP), carexanes D-H (MP), carexanes J-K (MP), carexanes M-P (MP), distachyasin (MP) **Roots:** carexanes E-G (MP), carexanes I-L (MP), 3,5-bis-*O*-*β*-D-glucopyranosyloxy-3'-methoxy-trans-stilben-4'-ol (M*O*G)	1, 134-137 138-139
			C. fedia Nees var. *miyabei* (Franchet) T. Koyama	**Roots and rhizomes:** resveratrol (M), *ε*-viniferin (DR), miyabenol C (TrR), miyabenols A-B (TeR)	140
			C. foliosissima F. Schmidt	**Whole plant:** pallidol (DR), (+)-*α*-viniferin (TrR), kobophenol A (TeR)	133
			C. folliculata L.	**Seeds:** pallidol (DR), kobophenol A (TeR)	141-142
			C. gynandra Schwein.	**Leaves:** pallidol (DR), (+)-*α*-viniferin (TrR), *E*-miyabenol C (TrR), kobophenol B (TeR)	142
			C. humilis Leyss.	**Roots:** (+)-*α*-viniferin (TrR)	143
			C. kobomugi Ohwi	**Roots:** (-)-*ε*-viniferin (DR), miyabenol C (TrR), kobophenol A (TeR)	144-145
			C. morrowii Boott	**Whole plant:** pallidol (DR), (+)-*α*-viniferin (TrR), kobophenol A (TeR)	133
			C. multifolia Ohwi	**Whole plant:** pallidol (DR), (+)-*α*-viniferin (TrR), kobophenol A (TeR)	133
			C. pendula Huds.	**Seeds:** *cis*-miyabenol C (TrR), *Z*-miyabenol A (TeR), kobophenol B (TeR)	1, 146
			C. pumila Thunb.	**Roots:** (-)-*ε*-viniferin (DR), miyabenol C (TrR), kobophenol B (TeR), hopeaphenol (TeR), miyabenol A (TeR)	145-149
		Cyperus	*C. conglomeratus* Rottb.	2-prenyl-3,4'-dihydroxy-5-methoxystilbene (MP)	150
			C. longus L.	**Whole plant:** resveratrol (M), piceatannol (M), *E*-scirpusin A (DRP), *E*-scirpusin B (DP), cassigarols E and G (DP), pallidol (DR), longusols A-B (DRP), longusol C (DP), longusone A (DT)	1, 151-152
			C. rotundus L.	**Rhizomes:** (-) and (+)-(*E*)-cyperusphenol A (TrPR, racemate), (*E*)-mesocyperusphenol A (TrPR)	153
		Kobresia	*K. nepalensis* (Nees) Kük.	**Stems:** nepalensinols A, C and D (TrR), nepalensinols B, E, F and G (TeR)	1, 48, 154-155
		Schoenus	*S. nigricans* L.	(*Z*)-3,4',5-trimethoxy-stilbene (M) 3,5,3',4'-tetramethoxystilbene (M), 3,5,4'-trimethoxy-2-prenylstilbene (MP), 3-hydroxy-5,4'-dimethoxy-2-prenylstilbene (MP)	81 156
		Scirpus	*S. californicus* Steud.	**Rhizomes:** piceatannol (M), scirpusin A (DRP), scirpusin B (DP)	157
			S. fluviatilis (Torr.) A. Gray	**Rhizomes:** resveratrol (M), piceatannol (M), scirpusin A (DRP), scirpusin B (DP)	158
			S. holoschoenus Oeder	**Tubers:** 3,5,4′-trimethoxystilbene (M), 2-prenyl-3,5,4′-trimethoxystilbene (MP), 2-prenyl-3-hydroxy-5,4′-dimethoxystilbene (MP), 2-prenyl-3,4′-dihydroxy-5-methoxy-stilbene (MP)	159
			S. maritimus L.	**Seeds:** resveratrol (M), piceatannol (M), *ε*-viniferin (DR), scirpusin A (DRP), scirpusin B (DP)	160
			S. yagara Ohwi	**Rhizomes:** *E*-resveratrol (M), scirpusin A (DRP), scirpusin B (DP)	161
	Poaceae	*Festuca*	*F. argentina* (Speg.) Parodi	resveratrol (M)	62

		Festuca	*F. arundinacea* Schreb.	resveratrol (M)	62
			F. versuta Beal	resveratrol (M)	62
		Hordeum	*H. bogdanii* Wilensky	resveratrol (M)	62
			H. brevisubulatum (Trin.) Link	resveratrol (M)	62
		Lolium	*Lolium ssp.*	resveratrol (M)	62
		Poa	*P. alsodes* A. Gray	resveratrol (M)	62
		Saccharum	*Saccharum sp.*	piceatannol (M)	62
		Sorghum	*S. bicolor* (L.) Moench	**Seedlings:** *E*-piceid (M*O*G)	162
		Stipa	*S. robusta*	resveratrol (M)	62
Spermatophytes – Angiosperms- Eudicots – Core Eudicots					
Saxifragales	Paeoniaceae	*Paeonia*	*P. emodi* Wall. ex Royle	**Fruits:** paeoninol (TrR)	163
			P. lactiflora Pall.	**Seeds:** *E*-resveratrol (M), *E*-resveratrol-4-*O*-*β*-D-glucoside (M*O*G), (-)-7a,8a-*Z*-*ε*-viniferin (DR), *Z*-*ε*-viniferin (DR), (+)-*E*-*ε*-viniferin (DR), vitisinol C (DR), vitisinol E (DR), gnetin H (TrR), suffruticosols A-B (TrR)	164-167
			P. suffruticosa Andrews	**Seeds:** *E*-resveratrol (M), *Z*-resveratrol (M), *E*-*ε*-viniferin (DR), *Z*-*ε*-viniferin (DR), suffruticosols A-C (TrR), *E*-suffruticosol D (TrR), *Z*-suffruticosol D (TrR), *Z*-gnetin H (TrR), gnetin H (TrR), *Z*-ampelopsin E (TrR)	1, 167-169
Spermatophytes – Angiosperms – Eudicots – Core Eudicots - Rosids					
Vitales	Vitaceae	*Ampelospis*	*A. brevipedunculata var. hancei* (Planch.) Rehder	**Roots:** *E*-piceid (M*O*G), *Z*-piceid (M*O*G), *E*-resveratroloside (M*O*G), (+)-ampelopsin A (DR), ampelospin B (DR), ampelopsin D (DR), (+)-ampelopsin F (DR), pallidol (DR), ampelopsin C (TrR), *E*-ampelopsin E (TrR), *Z*-ampelopsin E (TrR), ampelopsin G (TrR), *E*-*trans*-miyabenol C (TrR), ampelopsin H (TeR)	170-173
			A. japonica (Thunb.) Makino	**Roots**: *E*-resveratrol (M)	174
			A. sinica (Miq.) W.T. Wang	**Roots:** ampelopsin H (TeR), hopeaphenol (TeR), sinicin A (TeR), vitisin A (TeR), *Z*-vitisin B (TeR)	1, 175
		Cayratia	*C. japonica* (Thunb.) Gagnep.	**Stems:** *E*-resveratrol (M), pallidol (DR), quadrangularin A (DR), cajyphenol A (TeR), cajyphenol B (TeR)	176
			C. trifolia (L.) Domin	**Cell suspension cultures:** *E*-resveratrol (M), *E*-piceid (M*O*G), (+)-ampelopsin A (DR), *E*-ε-viniferin (DR)	177-178
		Cissus	*C. antartica* Vent.	**Leaves:** *E*-resveratrol (M)	62, 179
			C. quadrangularis L.	**Stems:** *E*-piceatannol (M), *E*-resveratrol (M), pallidol (DR), parthenocissin A (DR), quadrangularins A-C (DR)	1, 180-181
			C. repens Lam.	**Aerial parts:** *E*-resveratrol (M), *E*-resveratrol-2-*C*-*β*-glucoside (M*C*G), *Z*-resveratrol-2-*C*-*β*-glucoside (M*C*G), *E*-3-*O*-methyl-resveratrol-2-*C*-*β*-glucoside (M*C*G), *Z*-3-*O*-methyl-resveratrol-2-*C*-*β*-glucoside (M*C*G), *E*-3-*O*-methyl-resveratrol-2-(2-p-coumaric)-*C*-*β*-glucoside = cissuside A (M*C*G), *E*-3-*O*-methyl-resveratrol-2-(3-*p*-coumaric)-*C*-*β*-glucoside = cissuside B (M*C*G)	182
			C. sicyoides L. = (*C. pallida* Salisb.) = *C. verticillata* (L.) Nicolson & C.E. Jarvis	**Stem wood:** pallidol (DR) **Aerial parts:** *E*-resveratrol (M), 2-(2',4'-dimethoxyphenyl)-5,6-methylenedioxy benzofuran (MB), cissusin (MB)	183-185
		Cyphostemma	*C. bainesii* (Hook. f.) Desc.	**Roots:** *E*-resveratrol (M), (+)-ε-*E*-viniferin (DR), parthenocissin A (DR), gnetin E (TrR)	186

	Cyphostemma	*C. crotalarioides* (Planch.) Desc. ex Wild & R.B. Drumm.	**Roots:** *E*-resveratrol (M), cyphostemmin A (DR), cyphostemmin B (DR), parthenocissin A (DR), (+)-ε-*E*-viniferin (DR), pallidol (DR), gnetin C (DR), gnetin E (TrR)	1, 187-188
	Muscadinia	*Muscadinia rotundifolia* (Michx.) Small (syn. = *V. rotundifolia* Michx.)	**Berries:** *E*-resveratrol (M), *Z*-piceid (M*O*G), *E*-piceid (M*O*G)	189, 190
			Leaves: *E*-resveratrol (M), *E*-ε-viniferin (DR), *E*-δ-viniferin (DR)	189, 191
			Wines: *Z*-resveratrol (M), *E*-resveratrol (M)	189, 192
	Parthenocissus	*P. laetevirens* Rehder	**Roots:** parthenocissin A (DR), quadrangularin A (DR)	193
			Roots and stems: laetevirenol A (DR), laetevirenols B-E (TrR), parthenocissin B (TrR), laetevirenol F (TeR), laetevirenol G (TeR)	194-195
		P. quinquefolia (L.) Planch.	**Stems:** *E*-resveratrol (M), *E*-piceatannol (M), *E*-piceid (MOG), parthenocissin A (DR), parthenocissin B (TrR)	1, 196
			Leaves: *E*-resveratrol (M)	179
		P. tricuspidata (Siebold & Zucc.) Planch.	**Stem wood:** *E*-resveratrol (M), (+)-ε-*E*-viniferin (DR), pallidol (DR), isoampelopsin F (DR), tricuspidatol A (DR)	1, 197-198
			Stems: *E*-resveratrol (M), *E*-piceatannol (M), *E*-piceid (M*O*G), tricuspidatol A (DR), pallidol (DR), quadrangularin A or cyphostemmin B (DR), betulifol A (DR), parthenostilbenins A-B (DR), (+)-α-viniferin (TrR)	1, 199
			Leaves: *E*-resveratrol (M), *E*-piceid (M*O*G), *E*-piceid-(1→6)-*β*-D-glucopyranoside (M*O*G), longistylin A (MP), longistylin C (MP)	200-201
	Rhoicissus	*R. rhomboidea* (E. Mey ex Harv.) Planch.	**Leaves:** *E*-resveratrol (M)	62, 179
	Vitis	*V. acerifolia* Raf.	**Ripe berries:** *E*-resveratrol (M)	202
		V. aestivalis Michx.	**Ripe berries:** *E*-resveratrol (M)	202
		V. amurensis Rupr.	**Ripe berries:** *E*-resveratrol (M)	202
			Leaves: *E*-piceatannol = astringinin (M), *E*-resveratrol (M), *E*-piceid (M*O*G), (+)-ampelopsin A (DR), (+)-ampelopsin F (DR), *E*-ε-viniferin (DR), *Z*-amurensin B (TrR), *E*-amurensin B (TrR), amurensin G (TrR), gnetin H (TrR), vitisin A = *r*-2-viniferin (TeR)	1, 189, 203-204
			Leaves and stems: *E*-piceatannol (M), *E*-resveratrol (M), *E*-piceid (M*O*G), *E*-piceatannol-3-*O*-*β*-D-glucose (M*O*G), (+)-ampelopsin A (DR), (+)-ampelopsin F (DR), *E*-ε-viniferin (DR), amurensin G (TrR), gnetin H (TrR), *Z*-amurensin B (TrR), *E*-amurensin B (TrR), vitisin A = *r*-2-viniferin (TeR)	205-206
			Stems: *E*-piceatannol = astringinin (M), *E*-resveratrol (M), *E*-piceid (M*O*G), (+)-ampelopsin A (DR), (+)-ampelopsin F (DR), isoampelopsin F (DR), pallidol (DR), *E*-ε-viniferin (DR), *E*-amurensin B (TrR), amurensin G (TrR), gnetin H (TrR), vitisin A = *r*-2-viniferin (TeR), amurensin K (TeR), *E*-vitisin B (TeR), napalensinol B (TeR)	189, 203-204, 207-208
			Roots: *E*-resveratrol (M), (+)-ampelopsin A (DR), ampelopsin D (DR), amurensin A (DR), amurensin H (DR), *E*-ε-viniferin (DR), ampelopsin E (TrR), *E*-amurensin B (TrR), amurensin C (TrR), amurensin D (TrR), amurensin G (TrR), amurensin I (TeR), amurensin J (TeR), amurensin K (TeR), amurensin L (TeR),	189, 209-214

V. amurensis Rupr.	amurensin M (TeR), heyneanol A (TeR), hopeaphenol (TeR), isohopeaphenol (TeR), (+)-vitisifuran A (TeR), vitisin A = *r*-2-viniferin (TeR), *E*-vitisin B (TeR), *Z*-vitisin B (TeR), amurensin E (PR), amurensin F (PR)	
V. andersonii Rehder	**Ripe berries:** *E*-resveratrol (M)	202
V. berlandieri Planch.	**Roots:** *E*-ε-viniferin (DR), gnetin H (TrR), *r*-viniferin = *E*-vitisin B (TeR)	189, 215
V. betulifolia Diels & Gilg	**Stems:** *E*-resveratrol (M), (+)-ampelopsin A (DR), betulifol A (DR), betulifol B (DR), *E*-ε-viniferin (DR), ampelopsin C (TrR), heyneanol A (TeR), hopeaphenol (TeR), vitisin A = *r*-2-viniferin (TeR)	1, 189, 216
V. x champinii Planch.	**Ripe berries:** *E*-resveratrol (M)	202
V. chunganensis Hu	**Whole plant:** *E*-resveratrol (M), *E*-ε-viniferin (DR), *E*-amurensin B (TrR), amurensin G (TrR), gnetin H (TrR), hopeaphenol (TeR), vitisin A = *r*-2-viniferin (TeR), chunganenol (HexR)	189, 217
V. cinerea (Engelm) Engelm. ex Millardet	**Ripe berries:** *E*-resveratrol (M) **Roots:** *E*-ε-viniferin (DR), gnetin H (TrR), *r*-viniferin = *E*-vitisin B (TeR)	202 189, 215
V. coignetiae Pulliat ex Planch.	**Ripe berries:** *E*-resveratrol (M) **Berries:** *E*-piceatannol = astringinin (M), *E*-pterostilbene (M), *E*-resveratrol (M), *E*-rhapontigenin (M), *E*-astringin (M*O*G), *E*-piceid (M*O*G) **Leaves:** *E*-resveratrol (M) **Stems:** ε-viniferin diol (DR), vitisin E (TrR), vitisin A = *r*-2-viniferin (TeR), *Z*-vitisin A (TeR), *E*-vitisin B (TeR), *Z*-vitisin B (TeR), vitisin D (TeR) **Whole plant:** (+)-ampelopsin A (DR), (+)-ampelopsin F (DR), *E*-ε-viniferin (DR), ampelopsin C (TrR), vitisin A = *r*-2-viniferin (TeR), *Z*-vitisin A (TeR)	202 1, 189, 218 179 189, 219-222 189, 223
V. davidii (Rom. Caill.) Foëx	**Stems:** *E*-resveratrol (M), (+)-*E*-ε-viniferin (DR), ampelopsin C (TrR), *E*-ampelopsin E (TrR), amurensin G (TrR), vitisin A = *r*-2-viniferin (TeR), hopeaphenol (TeR), davidol A (TeR)	1, 189, 224-225
V. doaniana Munson	**Ripe berries:** *E*-resveratrol (M)	202
V. flexuosa Thunb.	**Stems:** gnetin A (DR), *E*-ε-viniferin (DR), hopeaphenol (TeR), vitisin A = *r*-2-viniferin (TeR), flexuosol A (TeR)	1, 189, 226
V. heyneana Roem. & Schult.	**Stems:** (+)-ampelopsin A (DR), *E*-ε-viniferin (DR), ampelopsin C (TrR), heyneanol A (TeR)	1, 189, 227-228
V. labrusca L.	**Berries:** *E*-resveratrol (M), *Z*-piceid (M*O*G), *E*-piceid (MOG), **Leaves:** *E*-resveratrol (M) **Stems:** *E*-resveratrol (M) **Wines:** *Z*-resveratrol (M), *E*-resveratrol (M)	1, 189-190, 229 189, 230 189, 231 189, 192
V. longii W.R. Prince & Prince	**Roots:** *E*-ε-viniferin (DR), gnetin H (TrR), r-viniferin = *E*-vitisin B (TeR)	1, 189, 215
V. monticola Buckley	**Ripe berries:** *E*-resveratrol (M)	202
V. novae-angliae Fernald	**Ripe berries:** *E*-resveratrol (M)	202
V. palmata Vahl	**Ripe berries:** *E*-resveratrol (M)	202
V. pentagona Diels & Gilg	**Stems:** *E*-resveratrol (M)	189, 231
V. riparia Michx.	**Ripe berries:** *E*-resveratrol (M) **Leaves:** *E*-resveratrol (M), *E*-ε-viniferin (DR), α-viniferin (TrR) **Roots:** *E*-ε-viniferin (DR), gnetin H (TrR), *r*-viniferin = *E*-vitisin B (TeR)	202 189, 232 189, 215

	V. riparia Michx.	resveratrol (M), pterostilbene (M), *E*-ε-viniferin (DR), α-viniferin (TrR)	62
	V. riparia x *V. berlandieri*	**Roots:** *E*-resveratrol (M), *E*-ε-viniferin (DR), *E*-vitisin B (TeR)	189, 233
	V. rupestris Scheele	**Ripe berries:** *E*-resveratrol (M) **Roots:** *E*-ε-viniferin (DR), gnetin H (TrR), *r*-viniferin = *E*-vitisin B(TeR)	202 189, 215
	V. solonis Planch. *longii*	**Roots:** *E*-ε-viniferin (DR), gnetin H (TrR), *r*-viniferin = *E*-vitisin B (TeR)	189, 215
	V. solonis Planch. *richter*	**Roots:** *E*-ε-viniferin (DR), gnetin H (TrR), *r*-viniferin = *E*-vitisin B (TeR)	189, 215
	V. thunbergii Siebold & Zucc.	**Roots:** (+)-ampelopsin A (DR), (+)-ampelopsin F (DR), viniferifuran (DR), *E*-ε-viniferin (DR), vitisinol A (DR), vitisinol B (DR), vitisinol C (DR), vitisinol D (DR), vitisinol E (DR), vitisinol G (DR), ampelopsin C (TrR), *Z*-ampelopsin E (TrR), vitisinol F (TrR), miyabenol A (TeR), vitisin A = *r*-2-viniferin (TeR), *E*-vitisin B (TeR), *E*-vitisin C (TeR), (-)-viniferal (BPTe) **Stems:** *E*-resveratrol (M), (+)-ampelopsin A (DR), *E*-ε-viniferin (DR), ampelopsin C (TrR), vitisin A = *r*-2-viniferin (TeR), *E*-vitisin B (TeR)	1, 189, 234-236 189, 237
	V. vinifera L.	**Berries:** *E*-pterostilbene (M), *E*-resveratrol (M), *Z*-reveratrol (M), *E*-piceatannol = astringinin (M), *Z*-piceid (M*O*G), *E*-piceid (M*O*G) **Cell culture suspensions:** *Z*-resveratrol (M), *E*-resveratrol (M), *Z*-astringin (M*O*G), *E*-astringin (M*O*G), *Z*-piceid (M*O*G), *E*-piceid (M*O*G), *Z*-resveratrol-3,4'-*O*-*β*-diglucoside (M*O*G), *E*-resveratrol-3,4'-*O*-*β*-diglucoside = mulberroside E (M*O*G), *Z*-resveratrol 3,5-*O*-*β*-diglucoside (M*O*G), *E*-resveratrol, 3,5-*O*-*β*-diglucoside (M*O*G), *Z*-resveratrol 3,5,4'-*O*-*β*-triglucoside (M*O*G), *Z*-resveratroloside (M*O*G), *E*-resveratroloside (M*O*G), pallidol (DR), *E*-resveratrol dehydrodimer 11-*O*-*β*-D-glucopyranoside (DR*O*G), *E*-resveratrol dehydrodimer 11'-*O*-*β*-D-glucopyranoside (DR*O*G), *E*-*δ*-viniferin (DR) **Corks:** viniferifuran (DR), *E*-ε-viniferin (DR), isohopeaphenol (TeR), (+)-vitisifuran A (TeR), (-)-vitisifuran B (TeR), vitisin A = *r*-2-viniferin (TeR), *E*-vitisin B (TeR), *E*-vitisin C (TeR), (-)-viniferal (BPTe) **Leaves:** *E*-pterostilbene (M), *Z*-resveratrol (M), *E*-resveratrol (M), *Z*-piceid (M*O*G), *E*-piceid (M*O*G), ampelopsin D (DR), pallidol (DR), quadrangularin A (DR), *E*-*δ*-viniferin (DR), *Z*-*δ*-viniferin (DR), *Z*-ε-viniferin (DR), *E*-ε-viniferin (DR), *Z*-*ω*-viniferin (DR), *E*-*ω*-viniferin (DR), *E*-*trans*-miyabenol C (TrR), *E*-*cis*-miyabenol C (TrR), *Z*-*trans*-miyabenol C (TrR), α-viniferin (TrR), ampelopsin H (TeR), hopeaphenol (TeR), isohopeaphenol (TeR), vaticanol C isomer (TeR) **Roots:** (+)-viniferether A (DR), (+)-viniferether B (DR), *E*-ε-viniferin (DR), gnetin H (TrR), hopeaphenol (TeR), r-viniferin (TeR), (+)-viniferol E (TeR) **Stalks:** pallidol (DR), *E*-miyabenol C (TrR), stilbene tetramer symmetrical bicyclo[6,6,0]tetradecane (TeR) **Stems:** *E*-piceid (M*O*G), *E*-piceatannol = astringinin (M), *Z*-resveratrol (M), *E*-resveratrol (M), *E*-resveratrol 2-*C*-*β*-glucoside (MCG), (+)-ampelopsin A (DR), (+)-ampelopsin F (DR), (-)-malibatol A (	1, 189, 228, 238-239 189, 240-244 189, 219, 245-247 189, 248-250 189, 215, 251-252 189, 253-254 189, 255-257

			V. vinifera L.	DR), scirpusin A (DRP), *E*-ε-viniferin (DR), (+)-viniferol D (TrR), hopeaphenol (TeR), isohopeaphenol (TeR), (+)-viniferol A (TeR), (+)-viniferol B (TeR), (+)-viniferol C (TeR), vitisin A = *r*-2-viniferin (TeR) **Stembark:** (+)-vitisinol E (DR) **Wines:** *E*-piceatannol = astringinin (M), *Z*-resveratrol (M), *E*-resveratrol (M), *Z*-astringin (M*O*G), *E*-astringin (M*O*G), *Z*-piceid (M*O*G), *E*-piceid (M*O*G), resveratrol 2-*C*-glucoside (M*C*G), pallidol (DR), pallidol 3,3''-*O*-diglucoside (DR*O*G), pallidol 3-*O*-glucoside (DR*O*G), parthenocissin A (DR), *E*-δ-viniferin (DR), *Z*-ε-viniferin (DR), *E*-ε-viniferin (DR), *E*-ε-viniferin diglucoside (DR*O*G), *Z*-ε-viniferin diglucoside (DR*O*G), hopeaphenol (TeR)	189, 258 189, 259-265
			V. vulpina L.	**Ripe berries:** *E*-resveratrol (M)	202
			V. wilsoniae H.J. Veitch	**Stems:** gnetin A (DR), *E*-ε-viniferin (DR), ampelopsin E (TrR), vitisin A = *r*-2-viniferin (TeR) **Whole plant:** *E*-resveratrol (M), *E*-ε-viniferin (DR), pallidol (DR), ampelopsin B (DR), ampelopsin D (DR), *E*-*trans*-miyabenol C (TrR), wilsonol A (TrR), wilsonol B (TrR), gnetin H (TrR), ampelopsin G (TrR), amurensin G (TrR), dividol A (TrR), wilsonol C (TeR), diviniferin B (TeR), hopeaphenol (TeR), heyneanol A (TeR)	189, 266 267
Spermatophytes – Angiosperms – Eudicots – Core Eudicots – Rosids - Fabids					
Celastrales	Celastraceae	*Salacia*	*S. lehmbachii* Loes.	**Bark:** lehmbachol A-C (DI), lehmbachol D (SL)	1, 268
Malpighiales	Euphorbiaceae	*Macaranga*	*M. alnifolia* Baker	**Fruits:** schweinfurthins E-H (MP), vedelianin (MP)	1, 269
			M. mappa (L.) Müll. Arg.	**Leaves:** mappain (MGP)	1, 270
			M. pruinosa (Miq.) Müll. Arg.	**Leaves:** macapruinosin A (MS)	271
			M. schweinfurthii Pax	**Leaves:** schweinfurthins A-C (MG), schweinfurthin D (MG), schweinfurthin F (MP), schweinfurthin I (MG), schweinfurthin J (MFa)	1, 272-275
			M. vedeliana (Baill.) Müll. Arg.	**Leaves:** vedelianin (MP)	276
	Hypericaceae	*Triadenum*	*T. fraseri* (Spach) Gleason	**Leaves:** piceatannol-4'-*O*-*β*-D-glucopyranoside (M*O*G)	277
Fabales	Fabaceae	*Amorpha*	*A. canescens* Pursh	amorphastilbol = 3,5-dihydroxy-4-geranylstilbene (MG)	62
			A. fruticosa L.	amorphastilbol (MG)	62
			A. nana Nutt.	amorphastilbol (MG)	62
		Arachis	*A. hypogaea* L.	**Fruits:** resveratrol (M), 4-(3-methyl-but-1-enyl)-3,3',4',5-tetrahydroxystilbene = arachidin-1 (MP), 4-isopentenyl-3,4',5-trihydroxystilbene = arachidin-2 (MP) 4-(3-methyl-but-1-enyl)-3,4',5-trihydroxy stilbene = arachidin-3 (MP), resveratrol (M), 3-isopentadienyl-3',4,5'-tri hydroxystilbene (MP), arahypin-1 (4′-deoxyarachidin-3) (MP), arahypin-2 [3′-(2″,3″-dihydroxy-3″-methyl-butyl) resveratrol] (MP), arahypin-3 [4-(2″,3″-dihydroxy-3″-methylbutyl) resveratrol] (MP); arahypin-4 [4-(2″,3″-dihydroxy-3″-methylbutyl)-4′-deoxyresveratrol] (MP), arahypin-5 (MP), chiricanine A (4′-deoxyarachidin-2) (MP), SB-1 (MP) **Hypocotyls:** resveratrol (M) **Leaves:** piceatannol (M), resveratrol (M) **Roots:** piceatannol (M), resveratrol (M)	278-281

	A. hypogaea L.	**Roots mucilage:** arachidin-1 (MP), arachidin-2 (MP), arachidin-3 (MP), resveratrol (M), mucilagin A (MP) **Stems:** piceatannol (M)	278-281
Bauhinia	*B. racemosa* Lam.	Resveratrol (M)	62
Cajanus	*C. cajan* (L.) Huth	3-hydroxy-5-methoxystilbene-2-carboxylic acid (Mca), 3-hydroxy-5-methoxy-6-isopentenylstilbene-2-carboxylic acid (McaP), 3-hydroxy-5-methoxy-4-isopentenylstilbene-2-carboxylic acid (McaP) Cajanine = longistylin A-2-carboxylic acid (McaP) **Roots and leaves:** longistylin A (MP), longystilin C (MP)	62 282 283-284
Caragana	*C. brevifolia* Kom.	**Branches:** pallidol (DR), miyabenol C (TrR), (+)-*α*-viniferin (TrR), kobophenol A (TeR) **Roots:** miyabenol C (TrR), (+)-*α*-viniferin (TrR), kobophenol A (TeR)	285
	C. chamlagu Lam.	**Roots:** (+)-*α*-viniferin (TrR), miyabenol C (Tr), kobophenol A (TeR), caraganaphenol A (TeR)	286-287
	C. intermedia Kuang & H. C. Fu	**Roots:** pallidol (DR), miyabenol C (TrR), (+)-*α*-viniferin (TrR), kobophenol A (TeR)	285
	C. jubata (Pall.) Poir.	**Stems, leaves:** resveratrol (M), piceatannol (M), cassigarol E (DP), scirpusin B (DP)	287
	C. korshinskii Kom.	**Roots:** pallidol (DR), (+)-*α*-viniferin (TrR), kobophenol A (TeR)	285
	C. leucophloea Pojark.	**Roots**: pallidol (DR), miyabenol C (TrR), (+)-*α*-viniferin (TrR), kobophenol A (TeR)	285
	C. roborovskyi Kom.	**Roots:** pallidol (DR), miyabenol C (TrR), kobophenol A (TeR)	285
	C. rosea Turcz. ex Maxim.	**Aerial parts:** piceatannol (M), cararosinol C (DRP), cararosinol D (DP), scirpusin A (DRP), *cis*-scirpusin A (DRP), maackin (DP), scirpusin B (DP), cararosin A (SL), (+)-*α*-viniferin (TrR), kobophenol A (TeR) cararosinols A-B (TeR) **Roots:** pallidol (DR), miyabenol C (TrR), (+)-*α*-viniferin (TrR), kobophenol A (TeR) **Branches:** pallidol (DR), miyabenol C (TrR), (+)-*α*-viniferin (TrR), kobophenol A (TeR)	1, 287, 288-291 285 285
	C. sinica (Buc'hoz) Rehder	(+)-*α*-viniferin (TrR), (+)-*E*-miyabenol C (TrR), kobophenol A (TeR) **Roots:** (-)-ampelopsin F (DR), caragasinin A (DR), caragasinin B (DR), caraphenols B-C (DR), pallidol (DR), (+)-isoampelopsin F (DR), (+)-*E*-miyabenol C (TrR), caraphenol A (TrR), (+)-α-viniferin (TrR), stenophyllol B (TrR), carasinols A-C (TeR), leachianol C (TeR), cararosinol A (TeR), kobophenol A (TeR) **Aerial parts**: resveratrol (M), pallidol (DR), carasiphenol A (DR), (-)-ampelopsin F (DR), carasiphenol B (TrR), caraphenol A (TrR), carasinol A (TeR), carasiphenols C-D (TrR)	292 287, 293-296 287, 297-298
	C. stenophylla Pojark.	**Roots**: pallidol (DR), (-)-ampelopsin F (DR), miyabenol C (TrR), (+)-*α*-viniferin (TrR), caragaphenol A (TrR), (+)-*α*-viniferin 13a-*O*-glucopyranoside (Tr*O*G), kobophenol A (TeR)	285, 287, 299
	C. tibetica (Maxim. ex C.K. Schneid.) Kom.	**Stems**: resveratrol (M), piceatannol (M), isorhapontigenin (M), tibeticanol (DP), cassigarol E (DP), cassigarol G (DP), kompasinol A (SP), scirpusin A (DRP), scirpusin B (DP)	1, 287, 300
Cassia	*C. dentate* Vogel	resveratrol (M), piceatannol (M)	62

Cassia	*C. didymobotrya* Fresen.	**Suspension cultures:** (*E*)-3'-hydroxy-3,4,5'-trimethoxystilbene (M), (*Z*)-3'-hydroxy-3,4,5'-trimethoxystilbene (M), (*E*)-3',4-dihydroxy-3,5'-dimethoxystilbene (M)	62, 301
	C. garrettiana W.G. Craib	**Heartwood:** piceatannol (M), cassigarols A-D (DP)	62, 302-303
	C. marginata Willd.	piceatannol (M)	62
	C. montana B. Heyne ex Roth	**Roots:** piceatannol (M)	304
	C. quinquangulata Rich.	3,3',4,5,5'-pentahydroxystilbene (M), 3,3',5,5'-tetrahydroxy-4-methoxystilbene (M), 3,3',5,5'-tetrahydroxystilbene (M)	305
	C. siamea Lam.	**Stems:** 2,3,2',3'-tetrahydroxystilbene (M), piceatannol (M)	62, 306
Centrolobium	*C. robustum* (Vell.) Mart. ex Benth.	piceatannol (M)	62
Cicer	*C. bijugum* Rech. f.	cicerfuran (MB)	1, 307
Dalbergia	*D. sissoo* Roxb. ex DC.	pinosylvin (M)	62
Dalea	*D. purpurea* Vent.	**Whole plant:** pawhuskin A (MGP), pawhuskin B (M), pawhuskin C (MG)	1, 308
	D. versicolor Zucc.	**Whole plant:** 3,5-dimethoxy-4'-hydroxy-*E*-stilbene (M), 3,5,4'-trimethoxy-*E*-stilbene (M)	309
Deguelia	*D. hatschbachii* A.M.G. Azevedo	**Roots:** 3,5-dimethoxy-4'-hydroxy-4-(3,3-dimethylallyl)stilbene (M), 6-(3,3-dimethylallyl)-2",2"-dimethylchromene-(5",6":4,5)-4'-hydroxy-3-methoxystilbene (M)	310
	D. rufescens var. *urucu* (Ducke) A. M. G. Azevedo[3]	**Leaves:** pterostilbene (M), 4-methoxylonchocarpene (MPy), 3,5-dimethoxy-4′-hydroxy-3′-prenyl-*E*-stilbene (MP), lonchocarpene (MPy), 3,5-dimethoxy-4′-*O*-prenyl-*E*-stilbene (MP)	311-312
Derris	*D. floribunda* Blume ex Miq.	3,5-dimethoxy-4-isopentenylstilbene (MP), 4-isopentenyl-3,4',5-trimethoxystilbene (MP)	62
	D. rariflora (Mart. ex Benth.) J.F. Macbr.	3,5-dimethoxy-4-isopentenylstilbene (M)	62
Elephantorrhiza	*E. goetzei* Harms	**Root bark:** *E*-resveratrol (M), 5-methoxy-*E*-resveratrol 3-*O*-rutinoside (M*O*G)	1, 313
Erythrina	*E. addisoniae* Hutch. & Dalziel	**Stem bark:** 2'-*O*-demethylbidwillol B (MBP), addisofurans A-B (MBP), kanzonol U (MB), glyinflanin H (MB), vignafuran (MB) **Root bark:** erythradisson B (MF)	1, 314 315
	E. × *bidwillii* Lindl.	**Root bark:** bidwillol B (MBP)	316
	E. burttii Baker f.	**Root bark:** burttinol D (MB)	1, 317
Glycyrrhiza	*G. flavescens* Boiss.	**Subterranean parts:** longistylin A (MP), longistylin C (MP)	318
Guibourtia	*G. coleosperma* J. Léonard	rhaponticin (M*O*G), astringin (M*O*G), 4',5-dimethoxy-3-hydroxystilbene-3-[*O*-*β*-L-rhamnopyranosyl-(1-6)-*β*-D-glucopyranoside] (M*O*G), 3,3',5-trihydroxy-4'-methoxy-3-[*O*-*β*-L-rhamnopyranosyl-(1-6)-*β*-*D*-glucopyranoside] (M*O*G), 3,4′-dimethoxy-5-rutinosyl stilbene (M*O*G), 3,3′-dihydroxy-4′-methoxy-5-rutinosyl-stilbene (M*O*G)	62 319
	G. tessmannii (Harms) J. Léonard	**Stem bark:** pterostilbene (M), (*E*)-3,4'-dimethoxyl-5-rutinosyl stilbene (M*O*G), rhaponticin (M*O*G), piceid (M*O*G), 3,5-dimethoxy-4'-*O*-(*β*-rhamnopyranosyl-(1→6)-*β*-glucopyranoside)stilbene (M*O*G)	1, 320-321
Haplormosia	*H. monophylla* (Harms) Harms	resveratrol (M)	62

	Intsia	*I. bijuga* (Colebr.) Kuntze	**Heartwood:** resveratrol (M), piceatannol (M)	62, 322
	Laburnum	*L. alpinum* (Mill.) Bercht. ex J. Presl	piceatannol (M)	62
		L. anagyroides Medik.	piceatannol (M)	62
	Lespedeza	*L. virgata* (Thunb.) DC.	**Aerial parts:** lespedezavirgatol (MB), lespedezavirgatal (MB)	1, 323
	Lonchocarpus	*L. chiricanus* Pittier	**Root bark:** 3,5-dimethoxystilbene (M), longistylines C-D (MP), chiricanines A,C, D and E (MP), chiricanine B (MPy)	1, 324
		L. nicou (Aubl.) DC.	**Roots:** lonchocarpene (Mpy)	325
		L. utilis A.C. Sm. and *L. urucu* Killip & A.C. Sm.	**Cubé resin (roots):** 4-hydroxy-5'-methoxy-6",6"-dimethylpyran [2",3":3',4']stilbene (MPy), 3,5'-dimethoxy-4-hydroxy-6",6"-dimethylpyran[2",3":3",4']stilbene (MPy), 3,4,5-trimethoxy-6 ",6"-dimethylpyran [2",3":3',4']stilbene (MPy)	1, 326
		L. violaceus (Jacq.) Kunth ex DC.	**Root bark:** longistylin A = 3-hydroxy-4-isopentenyl-5-methoxystilbene (MP), longistylin B = 3,5-dihydroxy-2,4-diisopentenylstilbene (MP), longistylin C = 5-hydroxy-2-isopentenyl-5-methoxystilbene (MP), longistylin D = 3,5-dihydroxy-2,6-diisopentenylstilbene (MP)	327
	Maackia	*M. amurensis* Rupr.	Resveratrol (M), piceatannol (M) **Heartwood**: resveratrol (M), 3,3′,4′,5-tetrahydroxystilbene (M), maackiasin (IS), *Z*-scirpusin A (DRP), *Z*-scirpusin B (DP), *Z*-maackinin (DP), maackin A (DP), *Z*-maackin A (DP), 7-epi,8'-epi,11-de-O-methyl-5'-methoxygnetifolin F = maackoline (SL)	62 1, 328-332
	Machaerium	*M. multiflorum*[2]	**Stem bark:** machaeriol A (M), machaeriol B (MB)	1, 333
		M. opacum Vogel	**Heartwood:** pinosylvin monomethyl ether (M), pinosylvin dimethyl ether (M)	334
	Pericopsis	*P. angolensis* (Baker) Meeuwen	piceatannol (M)	62
		P. elata (Harms) Meeuwen	piceatannol (M)	62
		P. schliebenii (Harms) Meeuwen	piceatannol (M)	62
	Pterocarpus	*P. dalbergoides* Roxb.	pterostilbene (M)	62
		P. macrocarpus Kurz	pterostilbene (M)	62
		P. marsupium Roxb.	**Heartwood:** pterostilbene (M)	62, 335
		P. santalinus L. f.	**Heartwood:** pterostilbene (M)	62, 336
		P. soyauxii Taub.	pterostilbene (M)	62
		P. tinctorius Welw.	pterostilbene (M)	62
	Pterolobium	*P. hexapetalum* Santapau & Wagh	**Stems:** resveratrol (M), pterostilbene (M), 3,4',5-trimethoxystilbene (M)	62, 337
	Schotia	*S. brachypetala* Sond.	piceatannol (M), (*E*)-3,3',4,5,5'-pentahydroxystilbene (M), (*Z*)-3,3',4,5,5'-pentahydroxystilbene (M)	62, 338
	Senna	*S. quinquangulata* (Rich.) H. S. Irwin & Barneby	**Roots:** resveratrol (M)	339
	Sophora	*S. alopecuroides* L.	**Roots:** alopecurones A-F (FS)	340
		S. davidii (Franch.) Skeels	**Roots:** ε-viniferin (DR), miyabenol C (TrR), α-viniferin (TrR), (-)-davidiol A (TrR), davidiol B (TrR), davidiol C (TeR), davidiol D (PR), sophoraflavanones H-I (FS)	1, 341-342
		S. flavescens Aiton	**Cell suspension cultures:** flavescenone C (MB)	343

		Sophora	*S. leachiana* M. Peck	leachianone B (FS), leachianone C= sophoraflavanone I (FS) **Roots:** leachianols F-G (DR), pallidol (DR), (−)-*ε*-viniferin (DR), leachianols A-B and D-E (TrR), leachianol C (TeR), hopeaphenol (TeR), leachianone I (FS)	62 1, 344-345
			S. moorcroftiana (Benth.) Benth. ex Baker	**Roots:** (-)-*ε*-viniferin (DR), (+)-*α*-viniferin (TrR), miyabenol C (TrR), *Z*-miyabenol C (TrR), sophorastilbene A (TrR), sophoraflavanones H-J (FS),	346-347
			S. pachycarpa Schrenk ex C.A. Mey.	**Roots:** alopecurones A-B (FS)	348
			S. stenophylla A. Gray	**Roots:** (-)-*ε*-viniferin (DR), stenophyllol B (TrR), davidiol B (TrR), hopeaphenol (TeR), stenophyllol A (TeR), stenophyllol C (TeR), sophoraflavanone I 7-*O*-*β*-glucopyranoside (FSG)	1, 349
		Sphaerophysa	*S. salsula* (Pall.) DC.	**Whole plant:** *E*-4-[2- (3,5-dimethoxyphenyl)ethenyl]-1,2-benzenediol (M)	1, 350
		Trifolium	*T. campestre* Schreb.	**Fungus-inoculated leaflets:** resveratrol (M)	62, 351
			T. dubium Sibth.	**Fungus-inoculated leaflets:** resveratrol	62, 351
		Vigna	*V. unguiculata* (L.) Walp.	**Seedlings:** vignafuran (MB)	352
		Vouacapoua	*V. americana* Aubl.	**Heartwood:** piceatannol (M), 3,3', 4,4',5-pentahydroxystilbene (M)	62, 353
			V. macropetala Sandwith	**Heartwood:** piceatannol (M)	62, 353
Rosales	Cannabaceae	*Humulus*	*H. lupulus* L.	**Fresh cones:** *E*-resveratrol (M), *E*-piceid (M*O*G) **Fresh pellets:** *E*-resveratrol (M), *E*-piceid (M*O*G) **Stored cones or pellets:** *Z*-resveratrol (M), *Z*-piceid (M*O*G)	354-355
	Moraceae	*Artocarpus*	*A. altilis* (Parkinson) Fosberg	**Fruits:** oxyresveratrol (M), artoindonesianin F = 4'-[3-methyl-1(*E*)-butenyl]-(*E*)-2,3',4,5'-stilbenetetrol (MP), (3-methyl-2-butenyl)-(*E*)-2,3',4,5'-stilbenetetrol (MP), moracin M (MB)	356
			A. chama Buch.-Ham.	**Stems**: artochamins F-G (MP), artostilbenes A-B (MP), artochamins H-K (M*)	357-358
			A. chaplasha Roxb.	Oxyresveratrol (M), resveratrol (M)	62
			A. dadah Miq.	**Bark:** oxyresveratrol (M), 3-(γ,γ-dimethylallyl)resveratrol (MP), 5-(γ,γ-dimethylallyl)-oxyresveratrol (MP), 3-(2,3-dihydroxy-3-methylbutyl)resveratrol (MP), 3-(γ,γ-dimethylpropenyl)moracinM (MBP) **Twigs** : resveratrol (M), oxyresveratrol (M), moracin M (MB), 3-(γ,γ-dimethylpropenyl)moracinM (MBP)	359
			A. fretessii Teijsm. & Binn. ex Hassk.	**Roots**, **tree bark:** artoindonesianins X-Y (MBP)	1, 360
			A. gomezianus Wall. ex Trécul	**Bark:** oxyresveratrol (M), artoindonesianin N (MP), artoindonesianin O (MBP) **Roots:** artogomezianol (DO), andalasin A (DO)	1, 361 1, 362
			A. heterophyllus Lam.	**Roots:** artoindonesianin F (MP) **Root bark:** heterophylol (MP*)	363 364
			A. hypargyreus Hance ex Benth.	**Stems:** mulberrofuran N (MBP) hypargystilbene (MP*)	365
			A. incisus (Thunb.) L. f.	**Heartwood:** artocarbene (MPy), 4-prenyloxyresveratrol (MP), chlorophorin (MG)	1, 366-367
			A. integer Merr.	**Aerial parts:** *E*-4-isopentenyl-3,5,2',4'-tetrahydroxystilbene (MP), artocarbene (MPy), *E*-4-(3-methyl-*E*-but-1-enyl)-3,5,2',4 '-tetrahydroxystilbene (MP)	1, 368

	A. lakoocha Wall. ex Roxb.	**Roots:** lakoochins A-B (MBP) **Heartwood:** oxyresveratrol (M) **Root bark:** artolakoochol (MBP), 4-hydroxyartolakoochol (MBP), cycloartolakoochol (MBP)	1, 369 370-371 372
	A. nitidus Trec.	**Stems:** artonidins A-B (MBP), artotonkin (MBP), artopetelin M (MBP), artoindonesianin X (MBP)	373
	A.nitidus subsp. lingnanensis (Merr.) F.M. Jarrett	**Stems:** artocarpene (ML), oxyresveratrol (M), 3,4′,5-trihydroxy-3′-prenylstilbene (MP)	374
	A. petelotii Gagnep.	**Root bark:** artopetelins A-C (MBP), artopetelins D-G (MBP), artopetelins H-K (MBG), artopetelins L-M (MBG), lakoochin B (MBP)	1, 375-378
	A. rigida Blume	**Twigs:** 3-hydroxy-4,3′,5′-trimethoxy-*E*-stilbene (M), artocarpols A, C, D, E, F, G, I (M#)	379-380
Bagassa	*B. guianensis* Aubl.	**Heartwood:** moracin M (MB), moracin P (MB), *E*-resveratrol (M), *E*-oxyresveratrol (M), 6-*O*-methyl moracin M (MB), moracin N (MBP), 6-*O*-methyl moracin N (MBP), moracin Z (MBP), arachidin 2 (MP), arachidin 4 (MP), alboctalol (DO), (-)-epialboctalol (DO), artogomezianol (DO)	381
Broussonetia	*B. papyrifera* (L.) L'Hér. ex Vent.	Demethylmoracin I (MBP), moracin N (MBP)	382
Chlorophora	*C. excelsa* (Welw.) Benth.	**Heartwood**: oxyresveratrol (M), chlorophorin (MG), 4-geranyl-3, 4′,5-trihydroxy-*E*-stilbene (MG), 4-[(2"*E*)-7"-hydroxy-3",7"-dimethyloct-2"-enyl]-2',3,4',5-tetrahydroxy-*E*-stilbene (MG), excelsaoctaphenol (DC) **Stem bark:** moracin M (MB)	1, 62, 383-386 387
	C. regia A. Chev.	Oxyresveratrol (M), chlorophorin (MG)	62
Clarisia	*C. racemosa* Ruiz & Pav.	3,5-dihydroxy-4'-methoxystilbene (M)	62
Cudrania	*C. cochinchinensis* (Lour.) Kudô & Masam.	**Roots:** stilbene-2,4,3',5'-tetraol (M)	388
	C. javanensis Trécul.	Oxyresveratrol (M)	62
Ficus	*F. barteri* Sprague	**Fruits:** *E*-resveratrol (M), piceatannol (M)	389
	F. foveolata (Wall. ex Miq.) Wall. ex Miq.	**Vines:** *E*-resveratrol (M), *E*-isorhapontigenin (M), *E*-pinosylvin (E), *E*-gnetol (M)	390
	F. polita Vahl	**Roots:** (*E*)-3,5,4'-trihydroxy-stilbene-3,5-*O*-*β*-D-diglucopyranoside (M*O*G)	391
	F. thonningii Blume	**Leaves:** resveratrol (M), resveratrol glucosides (M*O*G)	392
Maclura	*M. pomifera* (Raf.) C.K. Schneid.	**Heartwood**: oxyresveratrol (M)	393
Morus	*M. alba* L.	**Bark:** 4'-*O*-*β*-D-glucopyranosyl-2'-hydroxyresveratrol 3-(6-*O*-*β*-D-apiofuranosyl-β-D-glucopyranoside) (M*O*G), 4'-*O*-*β*-D-glucopyranosyl-2'-hydroxyresveratrol 3-(6-*O*-*β*-D-glucopyranosyl-β-D-glucopyranoside) (M*O*G), 3-*O*-*β*-D-glucopyranosyl-2'-hydroxyresveratrol 4'-(6-*O*-*β*-D-glucopyranosyl-*β*-D-glucopyranoside) (M*O*G), mulberroside A (M*O*G), *Z*-mulberroside A (M*O*G), oxyresveratrol 3'-*O*-*β*-D-glucopyranoside (M*O*G), oxyresveratrol 2-*O*-*β*-D-glucopyranoside (M*O*G), resveratrol 3,4'-*O*,*O*'-di-β-D-glucopyranoside (M*O*G), moracin M 6-*O*-*β*-D-glucopyranoside (MB*O*G), moracin M 3'-*O*-*β*-D-	1, 394-395 1, 394-395

	M. alba L.	glucopyranoside (MB*O*G), moracin M 6,3'-di-*O*-*β*-D-glucopyranoside (MB*O*G), alboctalol (DO)	
		Fruits: resveratrol (M), oxyresveratrol (M), rhapontigenin (M), pterostilbene (M), piceatannol (M), astringin (M), piceid (M*O*G), rhaponticin (M*O*G)	396-397
		Leaves: resveratrol (M), oxyresveratrol (M), rhapontigenin (M), pterostilbene (M), piceid (M*O*G), rhaponticin (M*O*G), moracin D (MB), moracin C (MBP), moracin N (MBP), moracin P (MB), moracins V-Y (MB), moracin M 6-*O*-*β*-D-glucopyranoside (MB*O*G), mulberroside F = moracin M 6,3′-di-*O*-*β*-D-glucopyranoside (MB*O*G)	396-400
		Root bark: oxyresveratrol (M), mulberroside A (M*O*G), *Z*-mulberroside A (M*O*G), oxyresveratrol 3′-*O*-β-glucopyranoside (M*O*G), moracin M (MB) moracin M-3′-*O*-*β*-D-glucopyranoside (MB*O*G), moracin M-6,3′-di-*O*-*β*-D-glucopyranoside (MB*O*G)	401-402
		2-[3,5-di-O-β-D-glucosyl-4-(3-methylbutyl-2-enyl)phenyl]benzofuran-6-ol (MBP)	403
	M. alba L. (cultivated mulberry tree)	**Root bark:** mulberrofuran B (MBG), mulberrofuran H (MBP)	404-405
	M. alba var. *multicaulis* (Perr.) Loudon	**Root bark:** 3',5'-dihydroxy-6-methoxy-7-prenyl-2-arylbenzofuran (MBP), moracin C (MBP), moracin D (MB), moracin O (MB), moracin P (MB), moracin R (MBP), artoindonesianin O (MBP), alabafuran A (MBG), mulberrofuran L (MBG), mulberrofuran Y (MBG)	406
	M. atropurpurea Roxb.	**Fruits:** oxyresveratrol (M)	397
		Leaves: oxyresveratrol (M)	397
		Root bark: moracin C (MBP), mulberroside A (M*O*G), mulberroside C (MB*O*G), mulberrofuran A (MBG), mulberrofuran B (MBG)	407
	M. australis Poir.	**Fruits:** oxyresveratrol (M)	397
		Leaves: oxyresveratrol (M)	397
		Wood: oxyresveratrol (M), 4′-(2-methyl-2-buten-4-yl) oxyresveratrol (MP), moracin M (MB), moracin C (MBP), alboctalol (DO), macrourin B (MBD)	408
		Bark: austrafurans B-C (D)	409
		Root bark: mulberrofuran D (MBPG), sangennofuran A (MBPG)	410-411
	M. bombycis Koidz.	Oxyresveratrol (M)	62
		Roots: 2,5-dihydroxy-4,3′-di(β-D-glucopyranosyloxy)-*E*-stilbene (M*O*G) albafuran A (MBG), mulberrofuran D (MBPG), mulberrofuran W (MBG)	412-415
	M. cathayana Hemsl.	**Fruits:** oxyresveratrol (M)	397
		Leaves: oxyresveratrol (M)	397
		Root bark: mulberrofuran V (MBP), sanggenofuran B (MBP)	1, 416-417
		Stem bark: cathafuran A (MBG), cathafurans B-D (MBP)	418
	M. indica L.	Oxyresveratrol (M)	62
	M. insignis Bureau	**Leaves:** moracin M (MB), moracin M-3'-*O*-*β*-D- glucopyranoside (MB*O*G)	419
	M. laevigata Wall. ex Brandis	oxyresveratrol (M)	62
		Fruits: oxyresveratrol (M)	397
		Leaves: oxyresveratrol (M)	397
	M. lhou Koidz.	**Root bark:** mulberroside A (M*O*G), mulberroside C (MB*O*G), mulberrofuran R (MB)	420-421
		Roots: moracin M (MB), moracin N (MBP), albafuran A(MBG), moracinoside M (MB*O*G)	422

			M. macroura Miq.	**Wood:** oxyresveratrol (M), mulberroside C (MB*O*G), andalasin A (DO) **Barks:** macrourin A (MBPG), moracin M (MB), 2-(3,5-dihydroxyphenyl)-5,6-dihydroxybenzofuran (MB), macrourin B (MBD), macrourin D (MBD), mulberroside C (MB*O*G) **Root trunk:** oxyresveratrol (M), andalasins A-B (DO)	1, 423 424-425 426
			M. mesozygia Stapf	**Trunk bark:** moracin C (MBP), moracin K (MB)**,** moracin M (MB), moracin Q (MB), moracin R (MB), moracin S (MBP), moracin T (MBP), moracin U (MB) **Twigs:** moracin KM (MB), moracin LM (MB), moracin SC (MB), alfafuran (MB), moracin G (MB), moracin L (MB), moracin M (MB), moracin C (MBP), moracin I (MBP), demethylmoracin I (MBP), moracin S (MBP), moracin T (MBP)	427-428 429
			M. multicaulis Perr.	**Fruits:** oxyresveratrol (M) **Leaves:** oxyresveratrol (M)	397 397
			M. nigra L.	**Bark:** mornigrol D (MB) **Fruits:** oxyresveratrol (M) **Leaves:** oxyresveratrol (M) **Roots:** moracin M (MB), moracin O (MB), moracin C (MBP), moracin N (MBP), mulberrofuran B (MBG), moracinoside M (MB*O*G), mulberroside A (M*O*G), oxyresveratrol 2-*O*-*β*-D-glucopyranoside (M*O*G), oxyresveratrol 3'-*O*-*β*-D-glucopyranoside (M*O*G) **Stem bark, wood:** oxyresveratrol (M), moracin M (MB)	430 397 397 431 432
			M. rubra L.	oxyresveratrol (M), piceatannol (M)	62
			M. serrata Roxb.	oxyresveratrol (M)	62
			M. wittiorum Hand.-Mazz.	**Stem bark:** resveratrol (M), oxyresveratrol (M), 4'-prenyl oxyresveratrol (MP), wittifuran D (MB), wittifuran E (MB), moracin M (MB), moracin P (MB), 2-(3,5-dihydroxyphenyl) -5,6-dihydroxybenzofuran (MB), wittifuran A (MB), moracin C (MBP), wittifuran B (MBP), wittifuran C (MB), wittifuran F (MBP), wittifuran G (MBP), wittifuran P (MBPG), wittifurans Q-R (MBPy), wittifurans S, T, U, V, W, X (MB), wittifurans H-I (MB), wittifurans O (MBP), wittifurans N, K, L (MB), mulberroside C (MB*O*G)	433-439
			M. yunnanensis Koidz.	**Stem bark:** resveratrol (M), oxyresveratrol (M), 3′, 5′, 2, 4-tetrahydroxy-4-(3-methyl-1-butenyl) stilbene (MG), moracin M (MB), mulberroside C (MB*O*G) **Leaves:** morusyunnansins A-B (DMB)	440-442 443
		Sorocea	*S. muriculata* Miq	**Roots:** oxyresveratrol (M)	444
		Toxylon	*T. pomiferum* Raf.	**Wood:** resveratrol (M), oxyresveratrol (M)	62, 445
	Rosaceae	*Fragaria*	*F. x ananassa* Duchesne ex Rozier	**Achenes :** *E*-resveratrol (M), *Z*-resveratrol (M) **Pulp:** *E*-resveratrol (M), *Z*-resveratrol (M)	446
		Holodiscus	*H. discolor* (Pursh) Maxim.	(*E*)-resveratrol 3-*O*-*β*-D-xylopyranoside (M*O*G)	1, 447
Fagales	Betulaceae	*Alnus*	*A. crispa* (Aiton) Pursh	pinosylvin (M), pinosylvin monomethyl ether (M)	62
			A. pendula Matsuma	pinosylvin (M), pinosylvin dimethyl ether (M)	62
			A. sieboldiana Matsuma	**Leaves:** pinosylvin (M)	448
			A. viridis (Chaix) DC.	**Bud excretion:** 4,5-dihydroxy-3'-methoxy-stilbene (M)	62, 449
	Fagaceae	*Nothofagus*	*Nothofagus spp.*	**Leaf exudates:** resveratrol (M), pinosylvin (M)	62, 450

Electronic supplementary information (ESI) for *Natural Product Reports*

Spermatophytes – Angiosperms – Eudicots – Core Eudicots – Rosids - Malvids					
Myrtales	Combretaceae	*Combretum*	*C. caffrum* Kuntze	**Stem wood:** combretastatin A-1 (M), combretastatin A-2 (M), combretastatin A-3 (M), combretastatin A-4 = 3,4,5-trimethoxy-3′-hydroxy-4′-methoxy-(*Z*)-stilbene (M)	451-453
			C. erythrophyllum Sond.	**Wood:** combretastatin A-1 (M), combretastatin A-1 2'-*O*-β-D-glucoside (M*O*G)	1, 454
			C. kraussii Hochst.	**Roots:** combretastatin A-1 (M), combretastatin A-1 2'-*O*-*β*-D-glucoside (M*O*G)	455
		Terminalia	*T. sericea* Burch. ex DC	**Root bark:** resveratrol (M), 3′,5′-dihydroxy-4-(2-hydroxy-ethoxy) resveratrol-3-*O*-*β*-rutinoside (M*O*G), resveratrol-3-*β*-rutinoside (M*O*G)	456
	Myrtaceae	*Angophora*	*A. cordifolia* Cav.	piceid (M*O*G), astringin (M*O*G)	62
		Calistemon	*C. rigidus* R. Br.	**Stem bark:** piceatannol (M), scirpusin B (DP)	457
		Eucalyptus	*E. abergiana* F. Muell.	resveratrol (M), piceid (M*O*G)	62
			E. astringens (Maiden) Maiden	resveratrol (M), 3,3',4,5,5'-pentahydroxystilbene (M), piceid (M*O*G), (*Z*)-3,3',4,5,5'-pentahydroxystilbene-3-*O*-*β*-D-glucopyranoside (M*O*G), (*E*)-3,3',4,5,5'-pentahydroxystilbene-3-O-β-D-glucopyranoside (M*O*G)	62
			E. caesia Benth.	resveratrol (M), piceid (M*O*G)	62
			E. calophylla Lindl.	resveratrol (M), piceid (M*O*G)	62
			E. campaspe S. Moore	resveratrol (M), piceid (M*O*G)	62
			E. citriodora Hook.	resveratrol (M), piceid (M*O*G)	62
			E. crebra F. Muell.	resveratrol (M)	62
			E. decorticans (F.M. Bailey) Maiden	resveratrol (M), piceid (M*O*G)	62
			E. dichromophloia F. Muell.	resveratrol (M), piceid (M*O*G)	62
			E. eremophila (Diels) Maiden	resveratrol (M), piceid (M*O*G)	62
			E. erythrophloia Blakely	resveratrol (M), piceid (M*O*G)	62
			E. ficifolia F. Muell.	resveratrol (M), piceid (M*O*G)	62
			E. gardneri Maiden	resveratrol (M), piceid (M*O*G)	62
			E. griffithsii Maiden	resveratrol (M), piceid (M*O*G)	62
			E. grossa F. Muell. ex Benth.	resveratrol (M), piceid (M*O*G)	62
			E. gummifera (Gaertn.) Hochr.	resveratrol (M), piceid (M*O*G)	62
			E. haematoxylon Maiden	resveratrol (M), piceid (M*O*G)	62
			E. intermedia F. Muell. ex R.T. Baker	resveratrol (M), piceid (M*O*G)	62
			E. maculata Hook.	resveratrol (M), piceid (M*O*G)	62
			E. melanophloia F. Muell.	resveratrol (M), piceid (M*O*G)	62
			E. x *nowraensis* Maiden	resveratrol (M), piceid (M*O*G)	62
			E. nutans F. Muell.	resveratrol (M)	62
			E. occidentalis Endl.	piceid (M*O*G)	62
			E. papuana F. Muell.	resveratrol (M), piceid (M*O*G)	62

Electronic supplementary information (ESI) for *Natural Product Reports*

			E. platypus Hook f.	resveratrol (M)	62
			E. polycarpa F. Muell.	resveratrol (M), piceid (M*O*G)	62
			E. pruinosa Turcz.	resveratrol (M), piceid (M*O*G)	62
			E. sargentii Maiden	resveratrol (M), piceid (M*O*G)	62
			E. sideroxylon A. Cunn. ex Woolls	resveratrol (M), piceid (M*O*G), astringin (M*O*G), rhaponticin (M*O*G), 3,3',4,5,5'-pentahydroxystilbene-3-*O*-*β*-D-glucopyranoside (M*O*G)	62, 458
			E. spathulata Hook.	piceid (M*O*G)	62
			E. stricklandii Maiden	resveratrol (M), piceid (M*O*G)	62
			E. terminalis F. Muell.	piceid (M*O*G)	62
			E. tessellaris F. Muell.	piceid (M*O*G)	62
			E. trachyphloia F. Muell.	resveratrol (M), piceid (M*O*G)	62
			E. woodwardei Maiden	resveratrol (M), piceid (M*O*G)	62
			E. wandoo Blakely	resveratrol (M), piceid (M*O*G)	62
		Melaleuca	*M. leucadendra* (L.) L.	**Fruits:** oxyresveratrol (M), piceatannol (M)	459-460
Malvales	Dipterocarpaceae	*Balanocarpus*	*B. heimii* King	**Heartwood:** hopeaphenol (TeR)	461
			B. zeylanicus Trimen	balanocarpol (DR), copalliferol A (TrR)	462-463
		Cotylelobium	*C. lanceolatum* W. C. Craib	**Stems:** piceid (M*O*G), (-)-*ε*-viniferin (DR), cotylelophenols A-B (TrR), cotylelophenols D-E (TrR"), pauciflorol A (TrR), vaticanol A (TrR), vaticanol G (TrR), cotylelosides A-B (TrR*O*G), cotylelophenol C (TeR), vaticaside A (TrR*O*G), vaticaside D (TrR*O*G), vaticanol B (TeR), vaticanol C (TeR), vaticaside B (TeR*O*G), vaticaside C (TeR*O*G) , vatcanol D (HexR), vaticanols H- I (HexR), vaticanol J (HepR)	464-466
			C. melanoxylon (Hook. f.) Pierre	**Wood:** melanoxylin A (DR), (+)-ampelopsin F (DR), (+)-isoampelopsin F (DR), (+)-*ε*-viniferin (DR), vaticanol G (TrR) **Bark:** (+)-*ε*-viniferin (DR), *Z*-(+)-*ε*-viniferin (DR), vaticanol A (TrR), vaticanol E (TrR), vaticanol G (TrR), melanoxylin B (TrR)	467 467
		Dipterocarpus	*D. grandiflorus* Blanco	**Stems:** (-)-*ε*-viniferin (DR), (-)-ampelopsin A (DR), (-)-ampelopsin F (DR), isoampelopsin F (DR), (+)-*α*-viniferin (TrR), miyabenol C (TrR), grandiphenols A-B (TeR), vaticanol B (TeR), vaticanol C (TeR), hemsleyanol D (TeR), (-)-hopeaphenol (TeR), shorealactone (SHL)	1, 468
			D. hasseltii Blume	**Tree bark:** (-)-*ε*-viniferin (DR), laevifonol (SHac), (-)-*α*-viniferin (TrR), vaticanol B (TeR), (-)-hopeaphenol (TeR), diptoindonesin E (TeR),	469
		Dryobalanops	*D. aromatica* C.F. Gaertn.	**Stem bark:** *ε*-viniferin (DR), diptoindonesin A (DR*C*G), malaysianol (TrR), laevifonol (SHac), ampelopsin E (TrR), *α*-viniferin (TrR)	470
			D. oblongifolia Dyer	**Tree bark:** *Z*-diptoindonesin B (TrR), *E*-diptoindonesin B (TrR)	1, 471
		Hopea	*H. cordifolia* Trimen	copalliferol A (TrR)	462
			H. dryobalanoides Miq.	**Tree bark:** (-)-balanocarpol (DR), (-)-heimiol A (DR), hopeafuran (DR*), (+)-*α*-viniferin (TrR), vaticanol B (TeR), (-)-hopeaphenol (TeR), parviflorol (OgD), diptoindonesin D (OgD)	472

	H. exalata W.T. Lin, Y.Y. Yang & Q.S. Hsue	**Stem bark:** *E*-3,5,4'-trihydroxystilbene 2-C-glucoside (M*C*G), shoreaphenol (DR), hopeanol (DR), vaticanol G (TrR), α-viniferin (TrR), pauciflorol A (TrR), vaticanol A (TrR), hopeanolin (TrR)	1, 473-474
	H. hainanensis Merr. & Chun	**Stem wood:** piceid (M*O*G), hopeahainols C-F (DR), hopeahainanphenol (DR), balanocarpol (DR), malibatol A (DR), heimiol A (DR), vaticanol A (TrR), vaticanol E (TrR), neoisohopeaphenol (TeR)	1, 475
	H. jucunda Thw.	balanocarpol (DR)	462
	H. malibato Foxw.	**Leaves:** malibatols A-B (DR*), balanocarpol (DR), dibalanocarpol (TeR),	1, 476
	H. mengarawan Miq.	**Stem bark:** balanocarpol (DR), heimiol A (DR), vaticanol G (TrR), vaticanol B (TeR) **Tree bark:** diptoindonesin G (MB)	477 478
	H. odorata Roxb.	**Heartwood:** hopeaphenol (TeR)	461
	H. parviflora Bedd.	**Stem bark:** (-)-ampelopsin A (DR), (+)-balanocarpol (DR), (-)-ε-viniferin (DR), (-)-hopeaphenol (TeR), (+)-parviflorol (OgD)	1, 479
	H. utilis (Bedd.) Bole	**Stem wood:** resveratrol (M), 10-*C*-*β*-glucopyranosylresveratrol (M*C*G), (-)-ε-viniferin (DR), (+)-ampelopsin A (DR), (-)-balanocarpol (DR), hopeafuran (DR*), malibatol A (DR*), vaticanol B (TeR), (-)-hopeaphenol (TeR), (+)-isohopeaphenol (TeR)	1, 47, 480
Neobalanocarpus	*N. heimii* (King) P.S. Ashton	**Heartwood**: heimiol A (DR), balanocarpol (DR), copalliferol A (DR), hopeaphenol (TeR), vaticaphenol A (TeR)	1, 481
Shorea	*S. balangeran* Burck	**Bark:** vaticanol A (TrR), vaticanol G (TrR), vaticanol B (TeR)	482
	S. disticha (Thwaites) P.S. Ashton	**Bark:** ε-viniferin (DR), distichol (TrR)	62
	S. gibbosa Brandis	**Tree bark:** (-)-ampelopsin A (DR), (-)-α-viniferin (TrR), ampelopsin E (TrR), (-)-vaticanol B (TeR), (-)-hemsleyanol D (TeR) diptoindonesin F (TeR*C*G)	483
	S. hemsleyana King ex Foxw.	**Bark:** resveratrol-12-*C*-*β*-glucopyranoside (M*C*G), hemsleyanol A (DR), hemsleyanosides A-B (DR*C*G), (+)-α-viniferin (TrR), (+)-α-viniferin 13b-*O*-*β*-glucopyranoside (TrR*O*G), hemsleyanol B (TrR), (-)-davidiol A (TrR), hemsleyanosides C-D (TrR*C*G), (-)-hopeaphenol (TeR), (+)-isohopeaphenol (TeR), hemsleyanol D (TeR), vaticanol B (TeR) **Stem bark:** hemsleyanol E (OgD), shorealactone (SHL), hemsleyanoside F (DR*O*G), α-viniferin (TrR), hemsleyanoside E (TrR*C*G), hemsleyanols C-D (TeR), (-)-ampelopsin H (TeR), (-)-hopeaphenol (TeR), (+)-isohopeaphenol (TeR), shoreaketone (TeR)	48, 186, 484-485 486-489
	S. hopeifolia (F.Heim) Symington	**Stem bark:** (-)-ε-viniferin (DR), shoreaphenol (DR*), (-)-ampelopsin E (TrR), (-)-hopeaphenol (TeR)	490
	S. laevifolia (Parijs) Endert	**Heartwood:** laevifonol (SHac), leavifoside (DR*O*G)	491
	S. ovalis Blume	**Stem bark:** hopeaphenol (TeR)	492
	S. pinanga Scheff.	**Tree bark:** diptoindonesin C (TrR#), gnetin H (TrR), hopeaphenol (TeR)	493
	S. robusta Gaertn.	shoreaphenol (DR*), hopeaphenol (TeR)	62
	S. roxburghii G. Don	**Bark:** piceid (M*O*G), *E*-resveratrol-10-*C*-*β*-D-glucopyranoside (M*C*G), *Z*-resveratrol-10-*C*-*β*-D-glucopyranoside (M*C*G), hopeafuran (DR), (-)-ampelopsin A (DR), (-)-balanocarpol (DR), malobatols A-B (DR), vaticanol A (TrR), vaticanol E	494

	S. roxburghii G. Don	(TrR), vaticanol G (TrR), (+)-*α*-viniferin (TrR), pauciflorol A (TrR), (-)-hopeaphenol (TeR), (+)-isohopeaphenol (TeR), hemsleyanol D (TeR), (-)-ampelopsin H (TeR), vaticanol B (TeR), vaticanol C (TeR), (+)-parviflorol (OgD) **Roots:** *trans*-piceid (M*O*G), *trans*-3,5,4′-trihydroxyresveratrol 2-*C*-glucoside (M*C*G), roxburghiol A (DR), melanoxylin A (DR), (-)-*ε*-viniferin (DR), hopeahainanphenol (DR), vitisinol G (DR), caragaphenol A (TrR), vaticanol A (TrR), (-)-hopeaphenol (TeR), isohopeaphenol (TeR)	495
	S. seminis Slooten	**Tree bark:** (-)-ampelopsin A (DR), diptoindonesin A (DR*C*G), (-)-*α*-viniferin (TrR), (-)-hopeaphenol (TeR)	496
	S. stipularis Thwaites	copalliferol A (TrR), stemonoporol (TrR)	462
	S. talura Roxb.	hopeaphenol (TeR)	62
	S. uliginosa Foxw.	**Bark:** shoreaketone (TeR)	489
Stemonoporus	*S. affinis* Thwaites	**Bark:** stemonoporol (TrR), copalliferol A (TrR)	62, 497
	S. canaliculatus Thwaites	**Bark:** canaliculatol (TrR), vaticaffinol (TeR)	62, 497-498
	S. cordifolius (Thwaites) Alston	**Bark:** vaticaffinol (TeR)	62, 497
	S. elegans (Thwaites) Alston	**Bark:** stemonoporol (TrR), copalliferol A (TrR)	62, 497
	S. kanneliyensis Kosterm.	**Bark:** stemonoporol (TrR), copalliferol A (TrR)	62, 497
	S. lancifolius (Thwaites) Alston	**Bark:** vaticaffinol (TeR)	62, 497
	S. oblongifolius Thwaites	**Bark:** stemonoporol (TrR), copalliferol A (TrR)	62, 497
Upuna	*Upuna borneensis* Symington	**Leaves (acetone extract):** piceid (M*O*G), *cis*-piceid (M*O*G), upunaphenols F-G (TeR), vaticanol B (TeR), vaticanol C (TeR)	1, 499
		Stems (acetone extract): resveratol (M), piceid (M*O*G), piceid 2'-*O*-*p*-hydroxybenzoate (M*O*G), piceid 2'-*O*-*E*-ferulate (M*O*G), piceid 2'-*O*-E-coumarate (M*O*G), (-)-*ε*-viniferin (DR), *cis*-*ε*-viniferin (DR), (-)-ampelopsin A (DR), isoampelopsin F (DR), upunoside C (DR*O*G), ampelopsin E (TrR), upunoside B (TrR*O*G), stenophyllol A (TeR), (-)-hopeaphenol (TeR), stenophyllol C (TeR), isovaticanol B (TeR), upunaphenols B-D (TeR), vaticanol B (TeR), vaticanol C (TeR), upunaphenols L-M (LS), upunaphenols N-P (TeR), pauciflorol B, upunaphenol A (HexR), upunaphenol E (OgD)	1, 500-504
		Stems (methanol extract): paucifloroside A (DR*O*G), upunoside D (DR*O*G), vaticaside B (TeR*O*G), vaticaside C (TeR*O*G), upunoside A (PR*O*G)	505
		Stem bark: upunaphenols H-J (TeR), *E*-upunaphenol K (TeR), *Z*-upunaphenol K (TeR)	506
Vateria	*V. copallifera* (Retz.) Alston	copalliferol A (TrR), copalliferol B (TrR), stemonoporol (TrR)	462
	V. indica L.	**Leaves:** resveratrol (M), piceid (M*O*G), 4-*β*-glucopyranosyl-5-[(1*E*)-2-(4-hydroxyphenyl)-ethenyl]-benzene-1,3-diol (M*O*G), ampelopsin A (DR), *ε*-viniferin (DR), *cis*-(-)-*ε*-viniferin (DR), balanocarpol (DR), melanoxylin A (DR), malibatol (DR), (-)-ampelopsin F (DR), (2*R*,3*R*)- 2,3-dihydro-2-(4-dihydroxy phenyl)-3-(3,5-dihydroxyphenyl)-10-phenanthro[2,1-*b*]furan-8-ol (D*),	507-508

			V. indica L.	vaterioside A (DR*O*G), upunoside D (DR*O*G), paucifloroside A (DR*O*G), pauciflorol B (TrR), grandiphenol A (TeR), vaticanol B (TeR), vaticanol C (TeR), (-)-hopeaphenol (TeR), upunaphenol B (TeR), upunaphenol F (TeR), vateriaphenol D (TeR), vateriaphenol E (TeR), hemsleyanol C (TeR), hemsleyanol D (TeR), pauciflorol C (TeR), vateriaphenol B (TeR), nepalensinol G (TeR), stenophyllol A (TeR), vateriaphenol F (TeR), vaticaside B (TeR*O*G), vaticaside C (TeR*O*G), vaterioside B (TeR*O*G)	
				Stem bark (acetone extract): piceid (M*O*G), (-)-ε-viniferin (DR), (+)-ampelopsin A (DR), vateriaphenol B (TeR), (-)-hopeaphenol (TeR), (+)-isohopeaphenol (TeR), vaticanol B (TeR), vaticanol C (TeR), (-)-ampelopsin H (TeR), shoreaketone (TeR), vaticaside B (TeR*O*G), vaticaside C (TeR*O*G), vateriaphenol A (OR)	1, 488-489, 509-511
				Stem bark (ethanol extract): ε-viniferin (DR), vaticanol B (TeR), vaticanol C (TeR), hopeaphenol (TeR)	512
		Vatica	*V. affinis*	ε-viniferin (DR), vaticaffinol (TeR)	62
			V. albiramis Slooten	**Stems:** piceid (M*O*G), (*Z*)-(-)-ε-viniferin (DR), (*E*)-(-)-ε-viniferin (DR), balanocarpol (DR), (-)-ampelopsin A (DR), malibatol A (DR), albiraminol B (DR), vatalbinosides C-F (DR*O*G), (-)-hopeaphenol (TeR), vaticanols B-C (TeR), stenophyllol C (TeR), vaticasides B-C (TeR*O*G), vatalbinoside A (TeR*O*G), vatalbinoside B (TeR*C*G), albiraminol A (HexR), vateriaphenol A (OR)	513-514
			V. diospyroides Symington	**Stems:** piceid (M*O*G), vatdiospyroidol (TeR), vaticaphenol A (TeR)	1, 515
			V. oblongifolia Hook.f. ssp. *oblongifolia*	**Stem bark:** hopeaphenol A (TeR), isohopeaphenol A (TeR), vaticaphenol A (TeR)	1, 516
			V. pauciflora Blume	**Stem bark:** piceid (M*O*G), (-)-ε-viniferin (DR), (+)-ampelopsin D (DR), hemsleyanol A (DR), isoampelopsin F (DR), pauciflorol E (DR), paucifloroside A (DR*O*G), davidiol B (TrR), pauciflorols A-B (TrR), stenophyllol B (TrR), vaticanol A (TrR), vaticanol E (TrR), vaticanol G (TrR), vaticaside D (TrR*O*G), pauciflorosides B-C (TrR*O*G), pauciflorol C (TeR), hemsleyanols C-D (TeR), vateriaphenol B (TeR), vaticanols B-C (TeR), isovaticanols B-C (TeR), pauciflorol D (HepR)	1, 517-518
			V. rassak Blume	**Stem bark:** resveratrol (M), piceid (M*O*G), (-)-ε-viniferin (DR), vaticanol A (TrR), vaticaside A (TrR*O*G), vaticanol E (TrR), vaticanol G (TrR), vaticaside D (TrR*O*G), vaticanols B-C (TeR), vaticanol F (TeR), vaticasides B-C (TeR*O*G), vaticanol D (HexR), vaticanols H-I (HexR), vaticanol J (HepR)	1, 488, 519-522
	Malvaceae	*Gossypium*	*G. hirsutum* L	**Cell suspensions:** *E*-resveratrol (M)	523
		Theobroma	*T. cacao* L.	**Dark chocolate:** *E*-resveratrol (M), *E*-piceid (M*O*G)	524
Sapindales	Anacardiaceae	*Haematostaphis*	*H. barteri* Hook. f.	**Root bark:** 3-*O*-methyl-(*E*)-resveratrol (M), 3-*O*-methyl-(*E*)-resveratrol 5-*O*-rutinoside (M*O*G), 3-*O*-methyl-(*Z*)-resveratrol 5-*O*-rutinoside (M*O*G)	525
		Pistacia	*P. vera* L.	**Nut:** resveratrol (M), piceid (M*O*G)	526
		Rhus	*R. pontifica*[3]	**Roots :** rhapontigenin (M)	62

	Burseraceae	*Boswellia*	*B. papyrifera* Hochst.	**Stem bark:** *E*-4',5-dihydroxy-3-methoxystilbene-5-*O*-[*α*-L-rhamno pyranosyl-(1→6)]-*β*-D-glucopyranoside (M*O*G), *E*-4',5-dihydroxy-3-methoxystilbene-5-*O*-*α*-L-rhamno pyranosyl-(1→2)-[*α*-L-rhamno pyranosyl-(1→6)]-*β*-D-glucopyranoside (M*O*G)	1, 527
	Meliaceae	*Ekebergia*	*E. benguelensis* C. DC.	**Root bark:** 5-[(1*E*)-2-(4-hydroxyphenyl)ethenyl]-4,7-dimethoxy-3-methyl-2*H*-1-benzopyran-2-one (M), hydroxyphenyl) ethenyl]-4-methoxyphenyl}-2-methyl-1-propanone (M), 1-{2,4-dihydroxy-6-[(1*E*)-2-(4-hydroxyphenyl)ethenyl]-phenyl}-2-methyl-1-propanone (M), 5-[(1*E*)-2-(4β-D-glucopyranosyloxyphenyl)ethenyl]-4,7-dimethoxy-3-methyl-2*H*-1-benzopyran-2-one (M*O*G)	1, 528
	Sapindaceae (formerly Aceraceae)	*Acer*	*A. mono* Maxim.	**Leaves:** 5-*O*-methyl-(*E*)-resveratrol 3-*O*-*β*-D-glucopyranoside (M*O*G), 5-*O*-methyl-(*E*)-resveratrol 3-*O*-*β*-D-apiofuranosyl-(1→6)-*β*-D-glucopyranoside (M*O*G)	1, 529
			A. saccharum Marshall	**Maple syrup:** (*E*)-3,3'-dimethoxy-4,4'-dihydroxystilbene	530
Spermatophytes – Angiosperms- Eudicots – Core Eudicots					
Caryophyllales	Polygonaceae	*Calligonum*	*C. leucocladum* (Schrenk) Bunge	**Aerial parts:** *E*-resveratrol (M), *E*-piceid (M*O*G), pinosylvin (M*O*G), pinosylvin 3-*O*-*β*-D-glucopyranoside (M*O*G), (*E*)-resveratrol 3-*O*-*β*-D-xylopyranoside (M*O*G), (*E*)-resveratrol 3-(6"-galloyl)-*O*-*β*-D-glucopyranoside (M*O*G), (*E*)-resveratrol 3-(4"-acetyl)-*O*-*β*-D-xylopyranoside (M*O*G)	1, 531
		Eskemukerjea	*E. megacarpum* (H. Hara) H. Hara	**Underground parts:** astringenin (M), resveratrol (M), astringin (M*O*G), piceid (M*O*G), (*E*)-3,5,3',4'-tetrahydroxystilbene 3-*O*-*β*-D-(6-*O*-galloyl)glucopyranoside (M*O*GG), (*E*)-3,5,4'-trihydroxystilbene 3-*O*-*β*-D-(6-*O*-syringyl)glucopyranoside (M*O*G)	1, 532
		Fallopia	*F. japonica* (Houtt.) Ronse Decr. (syn. *Polygonum cuspidatum* Willd. ex Spreng.)	**Roots:** resveratrol (M), 1-(3',5'-dihydroxyphenyl)-2-(4"-hydroxyphenyl)-ethane-1,2-diol (M), piceid (M*O*G), piceatannol glucoside (M*O*G), resveratroloside (M*O*G), piceid gallates (M*O*GG), stilbene glycoside sulfates (M*O*GS), resveratrol glycoside dimers (DR*O*G)	1, 62, 533-540
			F. multiflora (Thunb.) Czerep. (syn. *Polygonum multiflorum* Thunb.)	**Roots:** 2,3,4',5-tetrahydroxy-stilbene-2-*O*-*β*-D-glucopyranoside (M*O*G), rhaponticin (M*O*G), 2,3,4',5-tetrahydroxystilbene-2-*O*-*β*-D-(2"-*O*-galloyl)glucopyranoside (M*O*GG), 2,3,4',5-tetrahydroxystilbene-2-*O*-*β*-D-(3"-*O*-galloyl)glucopyranoside (M*O*GG)	62, 539-540
		Persicaria	*P. lapathifolia* (L.) Delarbre (syn. *Polygonum lapathifolium* L.)	4'-methylpinosylvin (M)	541
		Pleuropterus	*P. ciliinervis* Nakai	**Roots:** resveratrol (M), piceid (M*O*G), (*E*)-resveratrol-3-*O*-*α*-L-rhamnopyranosyl-(1-2)-*β*-D-xylopyranoside (M*O*G), piceid-2"-*O*-gallate (M*O*GG), piceid-2"-*O*-coumarate (M*O*GC)	1, 542-543
		Rheum	*R. acuminatum* Hook. f. & Thomson	**Roots:** piceatannol (M), resveratrol (M)	544
			R. altaicum Losinsk.	**Roots:** rhaponticin (M*O*G)	62
			R. australe D. Don	**Roots:** piceatannol (M), resveratrol (M), rhapontigenin (M), desoxyrhapontigenin (M), desoxyrhaponticin (MOG), piceatannol-3'-*O*-*β*-D-glucopyranoside	544-545

Electronic supplementary information (ESI) for *Natural Product Reports*

			R. australe D. Don	(M*O*G), piceatannol-4′-*O*-*β*-D-glucopyranoside (M*O*G), piceatannol-4′-*O*-*β*-D-(6″-*O*-galloyl)-glucopyranoside (M*O*GG), piceatannol-4′-*O*-*β*-D-(6″-*O*-p-coumaroyl)-glucopyranoside (M*O*GC)	
			R. collinianum Baill.2	**Roots:** rhaponticin (M*O*G)	62
			R. compactum L.	**Roots:** rhaponticin (M*O*G)	62
			R. cordatum Losinsk.	**Roots:** rhaponticin (M*O*G)	62
			R. emodii Wall.	**Roots:** rhaponticin (M*O*G)	62
			R. maximowiczii Losinsk.	**Roots:** maximol A (DR), maximol B (DR)	1, 546
			R. officinale Baill.	**Rhizomes:** resveratroloside (M*O*G), resveratrol 4'-*O*-*β*-D-(6"-*O*-galloyl)-glucopyranoside (M*O*GG), 3,4',5-trihydroxystilbene-4'-*O*-*β*-D-(2"-*O*-galloyl)glucopyranoside (M*O*GG), 3,4',5-trihydroxystilbene-4'-*O*-*β*-D-(6‴-*O*-galloyl)glucopyranoside (M*O*GG)	547-548
			R. palaestinum Feinbr.	**Aerial parts:** piceid (M*O*G), rhaponticin (M*O*G)	549
			R. palmatum L.	**Roots:** 4'-*O*-methylpiceid (M*O*G), rhapontin (M*O*G), resveratroloside (M*O*G), resveratrol 4'-*O*-*β*-D-(6"-*O*-galloyl)-glucopyranoside (M*O*GG)	548, 550
			R. rhaponticum L.	**Roots:** *E*-rhapontigenin (M), *E*-resveratrol (M), piceatannol (M), desoxyrhaponticin (M*O*G), rhaponticin (M*O*G), astringin (M*O*G), piceid (M*O*G), resveratroloside (M*O*G), 3,5-dihydroxy-4'-methoxy stilbene-3-*O*-*β*-D-glucopyranoside (M*O*G), 3,4',5-trihydroxystilbene-4'-*O*-*β*-D-(6"-*O*-galloyl)glucopyranoside (M*O*GG) **Petioles:** *E*-resveratrol (M), *E*-rhapontigenin (M), rhaponticin (M*O*G), astringin (M*O*G), piceid (M*O*G),	62, 551-552 552
			R. tanguticum Maxim. ex Balf.	**Rhizomes:** resveratroloside (M*O*G), resveratrol 4'-*O*-*β*-D-(6"-*O*-galloyl)-glucopyranoside (M*O*GG),	1
			R. undulatum L.	**Rhizomes:** resveratrol (M), rhapontigenin (M), (*Z*)-3,4',5-trimethoxystilbene (M), desoxyrhapontigenin (M), isorhapontigenin (M), piceatannol (M), isorhapontin (M*O*G), rhaponticin (M*O*G), desoxyrhaponticin (M*O*G), piceatannol 3'-*O*-*β*-D-glucopyranoside (M*O*G), piceatannol-3,4'-*O*-*β*-D-diglucopyranoside (M*O*G), rhaponticin (M*O*G), rhaponticin 2"-*O*-gallate (M*O*GG), rhaponticin 6"-*O*-gallate (M*O*GG)	62, 81, 553-555
		Rumex	*R. bucephalophorus* L.	**Roots:** resveratrol (M), 5,4'-dihydroxy-3-methoxystilbene (M), 3,5-dihydroxy-4'-methoxystilbene (M), 5,4'-dihydroxystilbene-3-*O*-*α*-arabinopyranoside = rumexoid (M*O*G), piceid (M*O*G)	1, 556-557
Spermatophytes – Angiosperms- Eudicots – Core Eudicots - Asterids					
Cornales	Hydrangeaceae	*Hydrangea*	*H. macrophylla* (Thunb.) Ser.	**Roots:** 3,4′-dihydroxystilbene (M), hydrangeic acid (Mca), hydrangeic acid glucoside (Mca*O*G) **Leaves:** hydrangeic acid (Mca)	558-559 560
Ericales	Ericaceae	*Cavendishia*	*C. cordifolia* (Kunth) Hoerold	**Leaves:** resveratrol (M), piceid (M*O*G)	561
			C. endresii Hemsl.	**Leaves:** resveratrol (M), piceid (M*O*G)	561
			C. morii J.L. Luteyn	**Leaves:** resveratrol (M), piceid (M*O*G)	561
			C. nitida (Kunth) A.C. Sm.	**Leaves:** resveratrol (M), piceid (M*O*G)	561
			C. pubescens (Kunth) Hemsl.	**Leaves:** resveratrol (M), piceid (M*O*G)	561
			C. zamorensis A.C. Sm.	**Leaves:** resveratrol (M), piceid (M*O*G)	561

Electronic supplementary information (ESI) for *Natural Product Reports*

		Gaylussacia	*G. baccata* (Wangenh.) K. Koch	**Leaves:** 3,5-dihydroxystilbene-2-carboxylic acid-3-*O*-*β*-D-glucopyranoside = gaylussacin (Mca*O*G)	62, 562
			G. frondosa (L.) Torr. & A. Gray	**Leaves:** 3,5-dihydroxystilbene-2-carboxylic acid-3-*O*-*β*-D-glucopyranoside = gaylussacin (Mca*O*G)	62, 562
		Loiseleuria	*L. procumbens* (L.) Desv.	**Whole plant:** piceid (M*O*G)	563
		Vaccinium	*V. angustifolium* Alt.	**Fruits:** resveratrol (M)	564
			V. arboreum Marshall	**Fruits:** resveratrol (M)	564
			V. ashei Reade	**Fruits:** pterostilbene (M)	564
			V. corymbosum L.	**Fruits:** piceatannol (M), resveratrol (M)	564
			V. elliotti Chapm.	**Fruits:** resveratrol (M)	564
			V. macrocarpon Ait. (cranberry)	**Fruits:** resveratrol (M)	564
			V. myrtillus L. (bilberry)	**Fruits:** resveratrol (M)	564
			V. stamineum L.	**Fruits:** piceatannol (M), pterostilbene (M), resveratrol (M)	564
			V. vitis-ideae L.	**Fruits:** resveratrol (M)	564
	Sapotaceae	*Pouteria*	*P. campechiana* (Kunth) Baehni	**Leaves:** ampelopsin B (DR), balanocarpol (DR), *ε*-viniferin diol (DR), ampelopsin A (DR), hopeaphenol (TeR), vaticaphenol A (TeR)	565
Spermatophytes – Angiosperms- Eudicots – Core Eudicots – Asterids – Lamiids					
Lamiales	Lamiaceae	*Scutellaria*	*S. lateriflora* L.	**Aerial parts:** 5-(*β*-D-glucosyloxy)-3-hydroxy-*E*-stilbene-2-carboxylic acid (Mca*O*G)	566
			S. scandens Buch.-Ham. ex D. Don	5-(*β*-D-glucosyloxy)-3-hydroxy-*E*-stilbene-2-carboxylic acid (Mca*O*G)	567
Solanales	Convolvulaceae	*Convolvulus*	*C. hystrix* Vahl	3-(3,3'-dihydroxy-5,4'-dimethoxy-2-*E*-stilbenyl)-*E*-propenoic acid (Mca)	568
	Solanaceae	*Lycopersicon*	*L. esculentum* Mill.	**Fruits skin:** *E*-resveratrol (M)	569
Spermatophytes – Angiosperms- Eudicots – Core Eudicots – Asterids – Campanulids					
Apiales	Apiaceae	*Foeniculum*	*F. vulgare* Mill.	**Fruits**: *E*-resveratrol 3-*O*-*β*-D-glucopyranoside (MOG), *Z*-miyabenol C (Tr), *E*-miyabenol C (Tr), foeniculosides I-IV (TrG), foeniculosides X-XI (TrG)	1, 570-571
	Araliaceae	*Acanthopanax*	*A. brachypus* Harms	**Stem bark:** (*E*)-resveratrol 3-*O*-*β*-D-glucopyranoside (M*O*G), 3-*O*-methyl-(*E*)-resveratrol 5-*O*-*β*-D-apiofuranosyl-(1→6)-*β*-D-[2"-vanilloyl]-glucopyranoside (M*O*GV), 3-*O*-methyl-(*E*)-resveratrol 5-*O*-*α*-L-rhamnopyranosyl-(1→6)-*β*-D-[2"-(E)-feruloyl]-glucopyranoside (M*O*GF), 3-*O*-methyl-(E)-resveratrol 5-O-*β*-D-apiofuranosyl-(1→6)-b-D-[2"-(E)-cinnamoyl]-glucopyranoside (M*O*GCi)	572
Asterales	Asteraceae	*Centipeda*	*C. minima* (L.) A. Braun & Asch.	(*Z*)-3,4',5-trimethoxy-stilbene (M)	81
		Helichrysum	*H. umbraculigerum Less.*	**Aerial parts:** 3,5-dihydroxy-4-geranylstilbene-2-carboxylic acid (McaG), 3,5-dihydroxystilbene-2-carboxylic acid with hydroxylated side chain in position 4 (Mca)	573
		Leuzea	*L. carthamoides* (Willd.) DC.	**Roots:** (*E*)-3,3'-dimethoxy-4,4'-dihydroxystilbene (M)	1, 574
		Scorzonera	*S. tomentosa* L.	**Subaerial parts:** scorzoerzincanin = 2-[(*E*)-2-(4-hydroxyphenyl)ethenyl]-6-methoxybenzoic acid (M)	575

[1] BPTe: Breakdown Product from Tetramer; D: Dimers; D*: Dimers, photo-oxidative product; DC: Chlorophorin Dimer; DDD: Dimers with 2,3'-dihydroxy-5'-methoxystilbene unit and 3,4-dihydroxy-5-methoxystilbene unit; DHM: Dimers with 3-hydroxy-5-methoxystilbene unit and 5'-methoxy-2,3',4'-trihydroxystilbene unit; DI: Isorhapontigenin Dimers; DIG: Dimers with isorhapontigenin unit and gnetol unit; DIO: Dimers with isorhapontigenin unit and oxyresveratrol unit; DIOG: Isorhapontigenin dimers *O*-glycosides; DIP: Dimers with isorhapontigenin unit and piceatannol unit; DIP*O*G: Dimers with isorhapontigenin unit and piceatannol unit *O*-glycosides; DIR: Dimers with isorhapontigenin unit and resveratrol unit; DMB: Arylbenzofuran dimers; DO: Oxyresveratrol Dimers; DP: Piceatannol Dimers; DP*O*G: Piceatannol Dimers *O*-glycosides; DPe: 3,3',4,5,5'-pentahydroxy-*E*-stilbene Dimers; DPPe: Dimers with piceatannol unit and 3,3',4,5,5'-pentahydroxy-*E*-stilbene unit; DR: Resveratrol dimers; DR*: Resveratrol dimers with benzofuran moiety; DR*C*G: Resveratrol Dimers *C*-glycosides; DRO: Dimers with resveratrol unit and oxyresveratrol unit; DRO*O*G: Dimers with resveratrol unit and oxyresveratrol unit *O*-

glycosides; DR*O*G: Resveratrol dimers *O*-glycosides; DRP: Dimers with resveratrol unit and piceatannol unit; DT: Nor-stilbene dimer with a tropilene structure; FS: Flavonostilbenes; FSG: Flavonostilbene *O*-glycosides; HepR: Resveratrol Heptamers; HexR: Resveratrol Hexamers; IS: Isoflavonostilbenes; LS: Lignostilbenes or resveratrol tetramers with a C6-C3 unit isolated from *Upuna boorneensis*; M: Stilbene monomers; M*: Stilbene monomers with unique carbon skeleton isolated from *Artocarpus chama*, biogenetically arising from artochamin F; M#: Phenolic compounds isolated from *Artocarpus rigida* with oxepin ring, derived from stilbenes; MB: Arylbenzofuran-type monomers; MBD: Arylbenzofuran derivatives; MB*O*G: Arylbenzofuran-type monomers *O*-glycosides; MBG: Geranylated arylbenzofuran-type monomers; MBP: Prenylated arylbenzofuran-type monomers; MBPG: Prenylated and geranylated arylbenzofuran-type monomers; MBPy: Arylbenzofuran-type monomers with pyran ring; Mca: Stilbene monomers-2-carboxylic acid; McaG: Geranylated stilbene monomers-2-carboxylic acid; Mca*O*G: Stilbene monomers-2-carboxylic acid *O*-glycosides; McaP: Stilbene prenylated monomers-2-carboxylic acid; M*C*G: Stilbene monomers *C*-glycosides; McG: Cyclized geranyl stilbene monomers; MFa: Farnesylated stilbene monomers; MF: Formylated stilbene monomers; MG: Geranylated stilbene monomers; MGP: Geranylated and prenylated stilbene monomers; ML: Stilbene monomer with γ-aminobutyric acid lactam function; MMe: Mixed metabolite (stilbene and menthane monoterpene); M*O*G: Stilbene monomers *O*-glycosides; M*O*GC: Stilbene monomers *O*-glycosides coumarates; M*O*GCi: Stilbene monomers *O*-glycosides cinnamates; M*O*GF: Stilbene monomers *O*-glycosides ferulates; M*O*GG: Stilbene monomers *O*-glycosides gallates; M*O*GS: Stilbene monomers *O*-glycosides sulfates; M*O*GV: Stilbene monomers *O*-glycosides vanillates; MP: Prenylated stilbene monomers; MP*: Stilbene derivative obtained from the cyclization reaction between the double bond and the prenyl group; MPy: Pyran-type monomers; MS: monomers with irregular sesquiterpenyl side chain; OgD: Oligostilbene Derivatives; OR: Resveratrol octamers; Ospiro: Oligomers with spiro-structure; P: Resveratrol Pentamers; PR*O*G: Resveratrol Pentamers *O*-glycosides; SH: Stilbene hybrid; SHac: ε-viniferin-ascorbic acid hydrid compound; SHB: Stilbene hydrid with a bicyclo[3.3.0]octanedione; SHI: Stilbene hybrid formed by an isorhapontigenin and a phenol with a dihydrobenzofuran ring; SHL: Stilbene hybrid with a *δ*-lactone moiety; SHL*O*G: Stilbene hybrid with a *δ*-lactone moiety *O*-glycosides; SHO: Stilbene hydrid with an 1,4,4a,9a-tetrahydrofluoren-9-one skeleton; SHP: Stilbene hybrid with a dihydrobenzofuran ring formed by a stilbene moiety and the phenylpropane unit; SL: Stilbenolignans; SP: Stilbeno-phenylpropanoid; TeI: Isorhapontigenin tetramers; TeR: Resveratrol tetramers; TeRO: Tetramers with three resveratrol units and an oxyresveratrol unit; TeR*O*G: Resveratrol tetramers *O*-glycosides; TeR*C*G: Resveratrol tetramers *C*-glycosides; TrI: Isorhapontigenin trimers; TrO: Oxyresveratrol trimers; TrPR: Trimers with two piceatannol units and one resveratrol unit; TrR: Resveratrol trimers; TrR": Trimers bearing an epoxy group isolated from *Cotylelobium lanceolatum*; TrR*: Trimers with two resveratrol units and an 3,3',4',5-substitution pattern; TrR#: Modified trimer isolated from *Shorea pinanga*; TrRO: Trimers with two resveratrol units and an oxyresveratrol unit; TrR*O*G: Resveratrol Trimers *O*-glycosides

[2] Probably *Machaerium multifoliolatum* Ducke or *Machaerium milleflorum* Pittier

[3] We have not found these species in Tropicos and in IPNI.

References

1 T. Shen, X. N. Wang and H. X. Lou, *Nat. Prod. Rep.*, 2009, **26**, 916-935.
2 S. H. von Reub and W. A. König, *Phytochemistry*, 2004, **65**, 3113-3118.
3 A. Speicher and R. Schoeneborn, *Phytochemistry*, 1997, **45**, 1613-1615.
4 C. C. Chen, Y. L. Huang, P. Y. Yeh and J. C. Ou, *Planta Med.*, 2003, **69**, 964-967.
5 W. S. Feng, X. W. Cao, H. X. Huang and X. K. Zheng, *Yao Xue Xue Bao*, 2005, **40**, 1131-1134.
6 A. P. Lins, M. Yoshida, O. R. Gottlieb, H. E. Gottlieb and K. Kubitzki, *Bull. Soc. Chim. Belg.*, 1986, **95**, 737-748.
7 H. Murata, T. Tanaka, I. Iliya, M. Furasawa, T. Ito, K. Nakaya and M. Iinuma, *Heterocycles*, 2004, **63**, 1821-1828.
8 Y. Sakagami, A. Sawabe, S. Komemushi, Z. Ali, T. Tanaka, I. Iliya and M. Iinuma, *Biocontrol Sci.*, 2007, **12**, 7-14.
9 H. Murata, I. Iliya, T. Tanaka, M. Furazawa, T. Ito, K.I. Nakaya, M. Oyama and M. Iinuma, *Chem. Biodivers*., 2005, **2**, 773-779.
10 I. Iliya, T. Tanaka, M. Iinuma, Z. Ali, M. Furasawa and K. Nakaya, *Heterocycles*, 2002, **57**, 1057-1062.
11 I. Iliya, T. Tanaka, M. Iinuma, Z. Ali, M. Furasawa, K. Nakaya, N. Matsuura and M. Ubukata, *Heterocycles*, 2002, **57**, 1507-1512.
12 I. Iliya, T. Tanaka, M. Iinuma, M. Furusawa, Z. Alib, K. Nakaya, J. Murata and D. Darnaedi, *Helv. Chim. Acta*, 2002, **85**, 2394-2402.
13 I. Iliya, T. Tanaka, Z. Ali, M. Iinuma, M. Furusawa, K. I. Nakaya, Y. Shirataki, J. Murata, D. Darnaedi, N. Matsuura and M. Ubukata, *Heterocycles*, 2003, **60**, 159-166.
14 C. S Yao, M. Lin, X. Liu and Y. H. Wang, *Acta Chim. Sin.*, 2003, **61**, 1331-1334.
15 C. S Yao, M. Lin, X. Liu and Y. H. Wang, *J. Asian Nat. Prod. Res.*, 2005, **7**, 131-137.
16 C. S Yao and M. Lin, *Nat. Prod. Res.*, 2005, **19**, 443-448.
17 C. S Yao, M. Lin and L. Wang, *Chem. Pharm. Bull.*, 2006, **54**, 1053-1057.
18 I. Iliya, T. Tanaka, M. Iinuma, Z. Ali, M. Furasawa, K. Nakaya, Y. Shirataki, J. Murata and D. Darnaedi, *Chem. Pharm. Bull*., 2002, **50**, 796-801.
19 I. Iliya, Z. Ali, T. Tanaka, M. Iinuma, M. Furusawa, K. Nakaya, J. Murata and D. Darnaedi, *Helv. Chim. Acta*, 2002, **85**, 2538-2546.
20 I. Iliya, Z. Ali, T. Tanaka, M. Iinuma, M. Furasawa, K. Nakaya, Y. Shirataki, J. Murata, D. Darnaedi, N. Matsuura and M. Ubukata, *Chem. Pharm. Bull.*, 2003, **51**, 85-88.
21 I. Iliya, Z. Ali, T. Tanaka, M. Iinuma, M. Furusawa, K. Nakaya, J. Murata, D. Darnaedi, N. Matsuura and M. Ubukata, *Phytochemistry*, 2003, **62**, 601-606.
22 E. Kato, Y. Tokunaga and F. Sakan, *J. Agric. Food Chem*., 2009, **57**, 2544-2549.
23 H. Kato, M. Samizo, R. Kawabata, F. Takano and T. Ohta, *Planta Med.*, 2011, **77**, 1027-1034.
24 I. Iliya, T. Tanaka, M. Furasawa, Z. Ali, K. Nakaya, M. Iinuma, Y. Shirataki, J. Murata and D. Darnaedi, *Heterocycles*, 2001, **55**, 2123-2130.
25 Y. Shimokawa, Y. Akao, Y. Hirasawa, K. Awang, A.H.A Hadi, S. Sato, C. Aoyama, J. Takeo, M. Shiro and H. Morita, *J. Nat. Prod*., 2010, **73**, 763-767.
26 K. S Huang, Y. H. Wang, R. L. Li and M. Lin, *J. Nat. Prod*., 2000, **63**, 86-89.
27 K.S. Huang, Y. H. Wang, R. L. Li and M. Lin, *Phytochemistry*, 2000, **54**, 875-881.
28 Y. H. Wang, K. S. Huang and M. Lin, *Chin. Chem. Lett*., 2000, **11**, 1061-1062.
29 K. S. Huang, R. L. Li, Y. H. Wang and M. Lin, *Planta Med.*, 2001, **67**, 61-64.
30 Y. H. Wang, K. S. Huang and M. Lin, *J. Asian Nat. Prod. Res*., 2001, **3**, 169-176.
31 S. Zhou, Y. H. Wang and M. Lin, *Chin. Chem. Lett.*, 2002, **13**, 549-550.
32 K. S. Huang, S. Zhou, M. Lin and Y. H. Wang, *Planta Med.,* 2002, **68**, 916-920.
33 Z. Ali, T. Tanaka, I. Iliya, M. Iinuma, M. Furusawa, T. Ito, K. Nakaya, J. Murata and D. Darnaedi, *J. Nat. Prod*., 2003, **66**, 558-560.
34 I. Iliya, Z. Ali, T. Tanaka, M. Iinuma, M. Furusawa, K. Nakaya, J. Murata and D. Darnaedi, *Phytochemistry*, 2002, **61**, 959-961.
35 A. P. Lins, M. N. D. S. Ribeiro, O. R. Gottlieb and H. E. Gottlieb, *J. Nat. Prod.*, 1982, **45**, 754-761.
36 S. Saisin, S. Tip-Pyang and P. Phuwapraisirisan, *Nat. Prod. Res.*, 2009, 23, 1472-1477.
37 P. Sri-In, J. Sichaem, P. Siripong and S. Tip-Pyang, *Fitoterapia*, 2011, **82**, 460-465.

38 H. Chen and M. Lin, *Chin. Chem.Lett*., 1998, **11**, 1013-1015.
39 H. Chen and M. Lin, *Chin. Chem. Lett.*, 1999, **10**, 579-582.
40 W. Xiang, B. Jiang, X. M. Li, H. J. Zhang, Q. S. Zhao, S. H. Li and H. D. Sun, *Fitoterapia*, 2002, **73**, 40-42.
41 X. M. Li, M. Lin, Y. H. Wang and X. Liu, *Planta Med*., 2004, **70**, 160-165.
42 L. Q. Wang, Y. X. Zhao, J. M. Hu, A. Q. Jia and J. Zhou. *Helv. Chim. Acta*, 2008, **91**, 159-164.
43 J. B. Li, M. Lin, S. Z. Li and W. Z. Song, *Yao Xue Xue Bao*, 1991, **26**, 437-441.
44 M. Lin, J. B. Li, B. Wu, and Q. T. Zheng, *Phytochemistry*, 1991, **30**, 4201-4203.
45 M. Lin, J. B. Li, S. Z. Li, D. Q. Yu and X. T. Liang, *Phytochemistry*, 1992, **31**, 633-638.
46 Q. Xu and M. Lin, *Chin. Chem. Lett.*, 1997, **8**, 509-510.
47 T. Tanaka I. Iliya, T. Ito, M. Furusawa, K. Nakaya, M. Iinuma, Y. Shitataki, N. Matsuura, M. Ubukata, J. Murata, F. Simozono and K. Hirai, *Chem. Pharm. Bull*., 2001, **49**, 858-862.
48 M. Yamada, K. Hayashi, S. Ikeda, K. Tsutsui, K. Tsutsui, T. Ito, M. Iinuma and H. Nozaki, *Biol. Pharm. Bull.*, 2006, **29**, 1504-1507.
49 Z. S Piao, Y. B. Feng, L. Wang, X. Q. Zhang and M. Lin, *Yao Xue Xue Bao*, 2010, **45**, 1509-1515.
50 J. W. Wang, J. Y. Liang and L. Li, *Chin. J. Nat. Med.*, 2006, **4**, 432-434.
51 X. M. Li, Y. H. Wang and M. Lin, *Chin. Chem. Lett.*, 2001, **12**, 611-612.
52 X. M. Li, Y. H. Wang and M. Lin, *Phytochemistry*, 2001, **58**, 591-594.
53 X. M. Li, M. Lin and Y. H. Wang, *J. Asian Nat. Prod. Res*., 2003, **5**, 113-119.
54 A. L. Liu, F. Yang, M. Zhu, D. Zhou, M. Lin, S. M. Y. Lee, Y. T. Wang and G. H. Du, *Planta Med*., 2010, **76**, 1874-1876.
55 S. Prakash, J. Ahmed and A. Zaman, *Phytochemistry*, 1981, **20**, 1455-1456.
56 S. Prakash, M. A. Khan, K. Z. Khan and A. Zaman, *Phytochemistry*, 1985, **24**, 622-624.
57 Z. S. Siddiqui, M. Rahman, M. A. Khan, A. Zaman, C. Lavaud, G. Massiot, J. M. Nuzillard, J. D. Connolly and D.S. Rycroft, *Tetrahedron*, 1993, **49**, 10393-10396.
58 N. Boralle, H. E. Gottlieb, O. R. Gottlieb, K. Kubitzki, L. M. X. Lopes, M. Yoshida and M. C. M. Young, *Phytochemistry*, 1993, **34**, 1403-1407.
59 Y. L. Li, X. W. Yang and W. D. Zhang, *Biochem. Syst. Ecol.*, 2009, **36**, 932-934.
60 A. Pichette, S. Lavoie, P. Morin, V. Mshvildadze, M. Lebrun and J. Legault, *Chem. Pharm. Bull.*, 2006, **54**, 1429-1432.
61 E. Mannila and A. Talvitie, *Phytochemistry*, 1992, **31**, 3288-3289.
62 J. Gorham, M. Tori and Y. Asakawa, *The biochemistry of the stilbenoids*, Chapman & Hall, London, 1995.
63 H. Pan and L. N. Lundgren, *Phytochemistry*, 1995, **39**, 1423-1428.
64 S. H. Li, X. M. Niu, S. Zahn, J. Gershenzon, J. Weston and B. Schneider, *Phytochemistry*, 2008, **69**, 772-782.
65 S. Shibutani, K. Igarashi, M. Samejima and Y. J. Saburi, *J. Wood Sci*., 2001, **47**, 135-140.
66 S. Shibutani, M. Samejima and S. Doi, *J. Wood Sci*., 2004, **50**, 439-444.
67 S. I. Wada, Y. Yasui, T. Hitomi and R. Tanaka, *J. Nat. Prod.*, 2007, **70**, 1605-1610.
68 S. I. Wada, Y. Yasui, H. Tokuda and R. Tanaka, *Bioorg. Med. Chem.*, 2009, **17**, 6414-6421.
69 M. Aritomi and D. M. X. Donnelly, *Phytochemistry*, 1976, **15**, 2006-2008.
70 J. M. Fang, W. C. Chu and Y. S. Cheng, *Phytochemistry*, 1988, **27**, 1395-1397.
71 Y. X. Zhao, L. Zhou, L. Guo, X. D. Luo and J. Zhou, *J. Asian Nat. Prod. Res*., 2005, **7**, 259-264.
72 J. W. Rowe, C. L. Bower and E. R. Wagner, *Phytochemistry*, 1969, **8**, 235-241.
73 W. E. Hillis and T. Inoue, *Phytochemistry*, 1968, **7**, 13-22.
74 F. Simard, J. Legault, S. Lavoie, V. Mshvildadze and A. Pichette, *Phytother. Res*., 2008, **22**, 919-922.
75 A. S. Gromova, N. A. Tyukavkina, V. I. Lutskii, G. A Kalabin and D. F. Kushnarev, *Chem. Nat. Compd.*, 1975, **11**, 715-719.
76 M. G. De Carvalho, D. C. Cranchi and A. G. De Carvalho, *J. Braz. Chem. Soc.,* 1996, 7, 187-191.
77 H. Pan and L. N. Lundgren, *Phytochemistry*, 1996, **42**, 1185-1189.
78 M. G. De Carvalho, V. M. Rumjanek, M. D. J. S. Lopes and A. G. De Carvalho, *Phytochemistry*, 1998, **49**, 1101-1105.
79 M. L. Sethi, S. C. Taneja, S. G. Agarwal, K. L Dhar and C. K. Atal, *Phytochemistry*, 1980, **19**, 1831-1832.
80 L. D. Juliawaty, M. Kitajima, H. Takayama, S. A. Achmad and N. Aimi, *Chem. Pharm. Bull.*, 2000, **48**, 1726-1728.
81 P. Chabert, A. Fougerousse and R. Brouillard, *Biofactors*, 2006, **27**, 37-46.
82 L. Rakotobe, L. Mambu, A. Deville, L. Dubost, V. Jeannoda, D. Rakoto and B. Bodo, *Phytochemistry*, 2010, **71**, 1007-1013.
83 T. Pacher, C. Seger, D. Engelmeier, S. Vajrodaya, O. Hofer and H. Greger, *J. Nat. Prod*., 2002, **65**, 820-827.
84 K. Kostecki, D. Engelmeiera, T. Pachera, O. Hoferb, S. Vajrodayac and H. Gregera, *Phytochemistry*, 2004, **65**, 99-106.
85 T. Kanchanapoom, K. Suga, R. Kasai, K. Yamasaki, M. S. Kamel and M. H. Mohamed, *Chem. Pharm. Bull*., 2002, **50**, 863-865.
86 L. M. Dai, J. Tang, H. L. Li, Y. H. Shen, C. Y. Peng and W. D. Zhang, *Chem. Nat. Compd.*, 2009, **45**, 325-329.
87 M. I. Chung, C. M. Teng, K. L. Cheng, F. N. Ko and C. N. Lin, *Planta Med.*, 1992, **58**, 274-276.
88 W. Zhao, Y. Guo, S. Wang, T. Shao, Y. Tezuka and T. Kikuchi, *Zhongguo Zhongyao Zazhi*, 1998, **23**, 619-620.
89 C. X. Zhou, L. D. Kong, C. H. K. Cheng and R. X. Tan, *Planta Med.*, 2001, **67**, 158-161.
90 S. Y. Jeon, S. H. Kwon, Y. H. Seong, K. Bae, J. M. Hur, Y. Y. Lee, D. Y. Suh and K. S. Song, *Phytomedicine*, 2007, **14**, 403-408.
91 B. Shao, H. Guo, Y. Cui, A. Liu, H. Yu, H. Guo, M. Xu and D. Guo, *J. Pharm. Biomed. Anal.*, 2007, **44**, 737-742.
92 H. L. Huang, J. Q. Zhang, G. T. Chen, Z. Q. Lu, N. Sha and D. A. Guo, *Nat. Prod. Comm.*, 2009, **4**, 825-830.
93 B. Wungsintaweekul, K. Umehara, T. Miyase and H. Noguchi, *Phytochemistry*, 2011, **72**, 495-502.
94 Y. Ju, M. Du, Z. J. Jia and X. J. Sun, *Zhongguo Zhongyao Zazhi*, 1993, **18**, 611-613.
95 H. S Yu, P. Zou, X. B. Song, L. P. Kang, Y. X. Liu, X. Pang, J. Zhang, J. Fu, Y. Zhao, C. Q. Xiong, D. W. Tan, L. J. Zhang and B. P. Ma, *Helv. Chim. Acta*, 2011, **94**, 1351-1358.
96 T. Yi, H. B. Chen, Z. Z. Zhao, Z. L. Yu and Z. H. Jiang, *J. Ethnopharmacol.*, 2011, **133**, 796-802.
97 K. Likhitwitayawuid, K. Sawasdee and K. Kirtikara, *Planta Med.*, 2002, **68**, 841-843.
98 G. Borgonovo, S. Caimi, G. Morini, L. Scaglioni and A. Bassoli, *Chem. & Biodivers.*, 2008, **5**, 1184-1194.
99 V. Bangani, N. R. Crouch and D. A. Mulholland, *Phytochemistry*, 1999, **52**, 947-951.
100 A. Silayo, B. T. Ngadjui and B. M. Abegaz, *Phytochemistry*, 1999, **52**, 947-955.
101 M. Bezabih, S. O. Famuyiwa and B. M. Abegaz, *Nat. Prod. Comm.*, 2009, **4**, 1367-1370.
102 Y. Nishida, M. Eto, H. Miyashita, T. Ikeda, K. Yamaguchi, H. Yoshimitsu, T. Nohara and M. Ono, *Chem. Pharm. Bull.*, 2008, **56**, 1022-1025.
103 C. Bassarello, G. Bifulco, P. Montoro, A. Skhirtladze, E. Kemertelidze, C. Pizza and S. Piacente, *Tetrahedron*, 2007, **63**, 148-154.
104 P. Nigro, E. Bloise, M. C. Turco, A. Skhirtladze, P. Montoro, C. Pizza, S. Piacente and M.A. Belisario, *Life Sci.*, 2007, **81**, 873-883.
105 P. Montoro, A. Skhirtladze, C. Bassarello, A. Perrone, E. Kemertelidze, C. Pizza and S. Piacente, *J. Pharm. Biomed. Anal.,* 2008, **47**, 854-859.
106 P. Torres, J. G. Avila, A. R. De Vivar, A. M. García, J. C. Marín, E. Aranda and C. L. Céspedes, *Phytochemistry*, 2003, **64**, 463-473.

107 W. Oleszek, M. Sitek, A. Stochmal, S. Piacente, C. Pizza and P. Cheeke, *J. Agric. Food Chem*., 2001, **49**, 747-752.
108 S. Piacente, P. Montoro, W. Oleszek and C. Pizza, *J. Nat. Prod*., 2004, **67**, 882-885.
109 S. Piacente, G. Bifulco, C. Pizza, A. Stochmalb and W. Oleszek, *Tetrahedron Lett*., 2002, **43**, 9133-9136.
110 L. X. Zhou and M. Lin, *J. Asian Nat. Prod. Res.,* 2000, **2**, 169-175.
111 K. Keckeis, S. D. Sarker and L. Dinan, *Cell. Mol. Life Sci.*, 2000, **57**, 333-336.
112 Y. Q. Wang, J. J. Tan, C. H. Tan, S. H. Jiang and D. Y. Zhu, *Planta Med.*, 2003, **69**, 779-781.
113 A. S. Shawl, *Indian J. Pharm. Sci.*, 1993, **55**, 197-198.
114 S. F. Farag, Y. Takaya and M. Niwa, *Phytochem. Lett.*, 2009, **2**, 148-151.
115 L.Wang, M. Wu, Z. Tang, X. Yang, Y. Lei, L. Wang, B. Yin and Y.Chen, *Biochem. Syst. Ecol.*, 2012, **43**, 48-50.
116 J. Wang, K. Matsuzaki and S. Kitanaka, *Chem. Pharm. Bull.*, 2006, **54**, 1216-1218.
117 J. Wang, L. Wang and S. Kitanaka, *J. Nat. Med.*, 2007, **61**, 381-386.
118 A. K. R. Bandi and D. U. Lee, *Chem. Biodivers.*, 2008, **8**, 1400-1409.
119 X. Y. Guo, J. Wang, N. L. Wang, S. Kitanaka, H.W. Liu and X. S. Yao, *Chem. Pharm. Bull*., 2006, **54**, 21-25.
120 E. Garo, J. F. Hu, M. Goering, G. Hough, M. O'Neil-Johnson and G. Eldridge, *J. Nat. Prod.*, 2007, **70**, 968-973.
121 P. L. Majumder, M. Roychowdhury and S. Chakraborty, *Phytochemistry*, 1998, **49**, 2375-2378.
122 D. Lee, M. Cuendet, J. S. Vigo, J. G. Graham, F. Cabieses, H. H. S. Fong, J. M. Pezzuto and A. D. Kinghorn, *Org. Lett*., 2001, **14**, 2169-2171.
123 A. G. Schauss, X. Wu, R. L. Prior, B. Ou, D. Patel, D. Huang and J. P. Kababick, *J. Agric. Food Chem.*, 2006, **54**, 8598-8603.
124 T. Yuan, S.P. Yang, H.Y. Zhang, S.G. Liao, W. Wang, Y. Wu, X.C. Tang and J.M. Yue, *J. Asian Nat. Prod. Res.*, 2009, **11**, 243-249.
125 S. H. Lam, J. M. Chen, C. J. Kang, C. H. Chen and S. S. Lee, *Phytochemistry*, 2008, **69**, 1173-1178.
126 S. H. Lam and S. S. Lee, *Phytochemistry*, 2010, **71**, 792-797.
127 C. Y. Wang, S. H. Lam, L. H. Tseng and S. S. Lee, *Phytochem. Anal.,* 2011, **22**, 352-360.
128 D. Hölscher and B. Schneider, *Phytochemistry*, 1999, **50**, 155-161.
129 D. Hölscher and B. Schneider, *Phytochemistry*, 1996, **43**, 471-473.
130 B. Schneider, *Phytochemistry*, 2003, **64**, 459-462.
131 P. S. Hema and M. S. Nair, *Biochem. Syst. Ecol.*, 2009, **37**, 52-54.
132 K. S. Ngo and G. D. Brown, *Phytochemistry*, 1998, **47**, 1117-1123.
133 N. Senda, Y. Kubota, T. Hoshino, H. Nozaki, H. Hayashi and M. Nakayama, *J. Mass Spectrom. Soc. Jpn.*, 1995, **43**, 45-51.
134 B. D'Abrosca, A. Fiorentino, A. Golino, P. Monaco, P. Oriano and S. Pacifico, *Tetrahedron Lett.*, 2005, **46**, 5269-5272.
135 A. Fiorentino, B. D'Abrosca, A. Izzo, S. Pacifico and P. Monaco, *Tetrahedron*, 2006, **62**, 3259-3265.
136 A. Fiorentino, B. D'Abrosca, S. Pacifico, R. Iacovino, C. Mastellone, B. Di Blasio and P. Monaco, *Bioorg. Med. Chem. Lett.*, 2006, **16**, 6096-6101.
137 A. Fiorentino, B. D'Abrosca, S. Pacifico, R. Iacovino, A. Izzo, P. Uzzo, A. Russo, B. Di Blasio and P. Monaco, *Tetrahedron*, 2008, **64**, 7782-7786.
138 A. Fiorentino, B. D'Abrosca, S. Pacifico, A. Natale and P. Monaco, *Phytochemistry*, 2006, **67**, 971-977.
139 A. Fiorentino, A. Ricci, B. D'Abrosca, S. Pacifico, A. Golino, M. Letizia, S. Piccolella and P. Monaco, *J. Agric. Food. Chem.*, 2008, **56**, 8218-8225.
140 K. Suzuki, T. Shimizu, J. Kawabata and J. Mizutani, *Agric. Biol. Chem.*, 1987, **51**, 1003-1008.
141 L. Li, G. E. Henry and N. P. Seeram, *J. Agric. Food Chem.*, 2009, **57**, 7282-7287.
142 A. Gonzalez-Sarrías, S. Gromek, D. Niesen, N. P. Seeram and G.E. Henry, *J. Agric. Food Chem.*, 2011, **59**, 8632-8638.
143 S. H. Lee, N. H. Shin, S. H. Kang, J. S. Park, S. R. Chung, K. R. Min and Y. Kim, *Planta Med.*, 1998, **64**, 204-207.
144 J. Kawabata, S. Ichikawa, H. Kurihara and J. Mizutani, *Tetrahedron Lett.*, 1989, **30**, 3785-3788.
145 H. Kurihara, J. Kawabata, S. Ichikawa, M. Mishima and J. Mizutani, *Phytochemistry*, 1991, **30**, 649-653.
146 Y. Meng, P. C. Bourne, P. Whiting, V. S˘ik and L. Dinan, *Phytochemistry*, 2001, **57**, 393-400.
147 J. Kawabata, M. Mishima, H. Kurihara and J. Mizutani, *Phytochemistry,* 1991, **30**, 645-647.
148 J. Kawabata, E. Fukushi, M. Hara and J. Mizutani, *Magn. Reson. Chem.*, 1992, **30**, 6-10.
149 H. Kurihura, J. Kawabata, S. Ichikawa and J. Mizutani, *Agric. Biol. Chem.*, 1990, **54**, 1097-1099.
150 S. A. Basaif, *J. Saudi Chem. Soc*., 2003, **7**, 259-262.
151 T. Morikawa, F. Xu, H. Matsuda and M. Yoshikawa, *Heterocycles*, 2002, **57**, 1983-1988.
152 T. Morikawa, F. Xu, H. Matsuda and M. Yoshikawa, *Chem. Pharm. Bull.*, 2010, **58**, 1379-1385.
153 T. Ito, H. Endo, M. Oyama and M. Iinuma, *Phytochem. Lett.*, 2012, **5**, 267-270.
154 M. Yamada, K. Hayashi, H. Hayashi, S. Ikeda, T. Hoshino, K. Tsutsui, K. Tsutsui, M. Iinuma and H. Nozaki, *Phytochemistry*, 2006, **67**, 307-313.
155 M. Yamada, K. Hayashi, H. Hayashi, R. Tsuji, K. Kakumoto, S. Ikeda, T. Hoshino, K. Tsutsui, K. Tsutsui, T. Ito, M. Iinuma and H. Nozaki, *Chem. Pharm. Bull*., 2006, **54**, 354-358.
156 A. M. Dawidar, J. Jakupovic, M. Abdel-Mogib and I. A. Mashaly, *Phytochemistry*, 1994, **36**, 803-806.
157 G. Schmeda-Hirschmann, M. I. Gutierrez, J. I. Loyola and J. Zuniga, *Phytotherapy Res.*, 1996, **10**, 683-685.
158 K. Nakajima, H. Taguchi, T. Endo and I. Yosioka, *Chem. Pharm. Bull.*, 1978, **26**, 3050-3057.
159 M. Abdel-Mogib, S. A. Basaif and T. R. Sobahi, *Molecules*, 2001, **6**, 663-667.
160 R. G. Powell, R. Bajaj and J. L. McLaughlin, *J. Nat. Prod.*, 1987, **50**, 293-296.
161 G. Yang, L. Zhang and G. Chen, *Chromatographia*, 2010, **71**, 143-147.
162 C. K. Y. Yu, C. H. Shih, I. K. Chu and C. Lo, *Phytochemistry*, 2008, **69**, 700-706.
163 N. Riaz, A. Malik, A.U. Rehman, Z. Ahmed, P. Muhammad, S.A. Nawaz, J. Siddiqui and M. I. Choudhary, *Phytochemistry*, 2004, **65**, 1129-1135.
164 J. K. Hyo, J. C. Eun, J. B. Song, M. S. Sun, D. P. Heui, H. R. Chang, H. P. Jun and W. C. Sang, *Arch. Pharm. Res.*, 2002, **25**, 293-299.
165 H. J. Kim, E. J. Chang, S. H. Cho, S. K. Chung, H. D. Park and S. W. Choi, *Biosci. Biotech. Bioch.* 2002, **66**, 1990-1993.
166 C. W. Choi, Y. H. Choi, M. R. Cha, Y. S. Kim, G. H. Yon, K. S. Hong, W. K. Park, Y. H. Kim and S. Y. Ryu, *Planta Med.*, 2011, **77**, 374-376.
167 C. N. He, Y. Peng, Y. C. Zhang, L. J. Xu, J. Gu and P. G. Xiao, *Chem. Biodivers.*, 2010, **7**, 805-838.
168 C. N. He, Y. Peng, L. J. Xu, Z. A. Liu, J. Gu, A. G. Zhong and P. G. Xiao, *Chem. Pharm. Bull.*, 2010, **58**, 843-847.
169 S. D. Sarker, P. Whiting and L. Dinan, *Tetrahedron*, 1999, **55**, 513-524.
170 Y. Oshima, Y. Ueno, H. Hikino, L. L. Yang and K. Y. Yen, *Tetrahedron*, 1990, **46**, 5121-5126.
171 Y. Oshima and Y. Ueno, *Phytochemistry*, 1993, **33**, 179-182.
172 Y. Oshima, Y. Ueno, K. Hisamichi and M. Takeshita, *Tetrahedron*, 1993, **49**, 5801-5804.
173 T. Kundaković, T. Stanojković, M. Milenković, J. Grubin, Z. Juranić, B. Stevanović and N. Kovačević, *Arch. Biol. Sci*., 2008, **60**, 641-

647.
174 I. H. Kim, M. Umezawa, N. Kawahara and Y. Goda, *J. Nat. Med*., 2007, **61**, 224-225.
175 N. Li, X. Liu and M. Lin, *Chin. Chem. Lett.*, 2001, **12**, 893-899.
176 L. Bao, X. Ma, X. Song, M. Wang and H. Liu, *Chem. Biodivers.*, 2010, **7**, 2931-2940.
177 C. Roat, N. Kumar and K. G. Ramawat, *J. Herb. Med. Toxicol*., 2008, **2**, 11-15.
178 C. Roat and K.G. Ramawat, *Plant Biotechnol. Rep*., 2009, **3**, 135-138.
179 P. Langcake and R. Pryce, *Physiol. Plant Pathol*., 1976, **9**, 77-86.
180 S. A. Adesanya, R. Nia, M. T. Martin, N. Boukamcha, A. Montagnac and M. Païs, *J. Nat. Prod*., 1999, **62**, 1694-1695.
181 G. Singh, P. Rawat and R. Maurya, *Nat. Prod. Res*., 2007, **21**, 522-528.
182 Y. H. Wang, Z. K. Zhang, H. P. He, J. S. Wang, H. Zhou, M. Ding and X. J. Hao, *J. Asian Nat. Prod. Res*., 2007, **9**, 631-636.
183 M. A. Khan, S. G. Nabi, S. Prakash and A. Zaman, *Phytochemistry*, 1986, **25**, 1945-1948.
184 A. M. Quilez, M. T. Saenz, M. D. Garcia and R. de la Puerta, *J. Pharm. Pharmacol.*, 2004, **56**, 1185-1189.
185 F. Xu, H. Matsuda, H. Hata, K. Sugawara, S. Nakamura and M. Yoshikawa, *Chem. Pharm. Bull.*, 2009, **57**, 1089-1095.
186 T. Nitta, T. Arai, H. Takamatsu, Y. Inatomi, H. Murata, M. Iinuma, T. Tanaka, T. Ito, F. Asai, I. Ibrahim, T. Nakanishi and K. Watabe, *J. Health Sci*., 2002, **48**, 273-276.
187 P. H. Ducrot, A. Kollmann, A. E. Bala, A. Majira, L. Kerhoas, R. Delorme and J. Einhorn, *Tetrahedron Lett*., 1998, **39**, 9655-9658.
188 A. E. A. Bala, A. Kollmann, P. H. Ducrot, A. Majira, L. Kerhoas, P. Leroux, R. Delorme and J. Einhorn, *J. Phytopathol.*, 2000, **148**, 29-32.
189 A. D. Pawlus, P. Waffo-Téguo and J. M. Merillon, *J. Int. Sci. Vigne Vin*, 2012, **46**, 57-111.
190 M. R. Leblanc, C. E. Johnson and P. W. Wilson, *J. Food Sci*., 2008, **73**, H58-62.
191 V. Alonso-Villaverde, F. Voinesco, O. Viret, J. L. Spring and K. Gindro, *Plant Physiol. Biochem*., 2011, **49**, 265-274.
192 O. Lamikanra, C. Grimm, J. Rodin and I. Inyang, *J. Agric. Food Chem*., 1996, **44**, 1111-1115.
193 S. He, Y. Lu, B. Wu and Y. Pan, *J. Chrom. A*, 2007, **1151**, 175-179.
194 S. He, B. Wu, Y. Pan and L. Jiang, *J. Org. Chem.*, 2008, **73**, 5233-5241.
195 S. He, L. Jiang, B. Wu, J. Zhou and Y. J. Pan, *Helv. Chim. Acta*, 2009, **92**, 1260-1267.
196 T. Tanaka, M. Iinuma and H. Murata, *Phytochemistry*, 1998, **48**, 1045-1049.
197 A. P. Lins, J. D. Felicio, M. M. Braggi and L. C. Roque, *Phytochemistry*, 1991, **30**, 3144-3146.
198 T. Tanaka, M. Ohyama, K. Morimoto, F. Asai and M. Iinuma, *Phytochemistry*, 1998, **48**, 1241-1243.
199 H. J. Kim, M. Saleem, S. H. Seo, C. Jin and Y. S. Lee, *Planta Med.*, 2005, **71**, 973-976.
200 I. H. Son, I. M. Chung, S. J. Lee and H. I. Moon, *Parasitol. Res*., 2007, **101**, 237-241.
201 W. H. Park, S. J. Lee and H. I. Moon, *Antimicrob. Agents Chemother*., 2008, **52**, 3451-3453.
202 L. Zhenchang, Y. Yang, L. Cheng and G. Y. Zhong, *Food Chem.*, 2012, **132**, 730-738.
203 D. T. Ha, Q. C. Chen, T. M. Hung, U. J. Youn, T. M. Ngoc, P. T. Thuong, H. J. Kim, Y. H. Seong, B. S. Min and K. Bae, *Arch. Pharm. Res*., 2009, **32**, 177-183.
204 H. Jeong, J. Kim, H. Lee, D. T. Ha, K. S. Song, K. Bae and Y. H. Seong, *Arch. Pharm. Res*., 2010, **33**, 1655-1664.
205 D. T. Ha, H. Kim, P. T. Thuong, T. M. Ngoc, I. Lee, N. D. Hung and K. H. Bae, *J. Ethnopharmacol.*, 2009, **125**, 304-309.
206 N. H. Yim, D. T. Ha, T. N. Trung, J. P. Kim, S. M. Lee, M. K. Na, H. J. Jung, H. S. Kim, Y. H. Kim and K. H. Bae, *Bioorg. Med. Chem. Lett.*, 2010, **20**, 1165-1168.
207 N. I. Kulesh, M. V. Veselova, S. A. Fedoreev and V. A. Denisenko, *Chem. Nat. Compd.*, 2006, **42**, 235-237.
208 T. N. A. Nguyen, T. T. Dao, B. T. Tung, H. Choi, E. Kim, J. Park, S. I. Lim and W. K. Oh, *Food Chem.*, 2011, **124**, 437-443.
209 K. Huang, M. Lin and G. Cheng, *Phytochemistry*, 2001, **58**, 357-362.
210 K. Huang, M. Lin and Y. Wang, *Chin. Chem. Lett.*, 1999, **10**, 817-820.
211 K. Huang, M. Lin, L. Yu and M. Kong, *Chin. Chem. Lett*., 1999, **10**, 775-776.
212 K. Huang, M. Lin, L. Yu and M. Kong, *Tetrahedron*, 2000, **56**, 1321-1329.
213 K. S. Huang and M. Lin, *J. Asian Nat. Prod. Res*., 1999, **2**, 21-28.
214 H. X. Lou, Z. Yan, R. Dong-Mei, F. Pei-hong and J. Mei, *Chin. J. Med. Chem*., 2004, **14**, 202-208.
215 F. Mattivi and F. Reniero, *Bull. Liaison Groupe Polyphenols*, 1992, **16**, 116-119.
216 W. Li, B. Li and Y. Chen, *Phytochemistry*, 1998, **49**, 1393-1394.
217 S. He, L. Jiang, B. Wu, C. Li and Y. Pan, *J. Org. Chem*., 2009, **74**, 7966-7969.
218 J. Kim, T. Ha, J. Ahn, H. Kim and S. Kim, *Food Chem. Toxicol*., 2009, **47**, 404-409.
219 J. Ito, K. Gobaru, T. Shimamura, M. Niwa, Y. Takaya and Y. Oshima, *Tetrahedron*, 1998, **54**, 6651-6660.
220 Y. Oshima, A. Kamijou, H. Moritani, K. Namao and Y. Ohizumi, *J. Org. Chem*., 1993, **58**, 850-853.
221 Y. Oshima, A. Kamijou, Y. Ohizumi, M. Niwa, J. Ito, K. Hisamichi and M. Takeshita, *Tetrahedron*, 1995, **51**, 11979-11986.
222 K. Shinoda, Y. Takaya, T. Ohta, M. Niwa, K. Hisamichi, M. Takeshita and Y. Oshima, *Heterocycles*, 1997, **46**, 169-172.
223 Y. Oshima, K. Namao, A. Kamijou, S. Matsuoka, M. Nakano, K. Terao and Y. Ohizumi, *Experientia*, 1995, **51**, 63-66.
224 W. Li, B. Li and Y. Chen, *Chin. Chem. Lett.*, 1998, **9**, 735-736.
225 J. Z. Yang, L. X. Zhou and Y. Ding, *Zhongguo Zhongyao Zazhi*, 2001, **26**, 553-555.
226 W. Li, B. Li and Y. Chen, *J. Nat. Prod*., 1998, **61**, 646-647.
227 W. Li, L. Ding and B. Li, *Phytochemistry*, 1996, 42, 1163-1165.
228 W. Li, L. Ding, B. Li and Y. Chen, *Phytochemistry*, 2000, **54**, 351.
229 P. Jeandet, R. Bessis and B. Gautheron, *Am. J. Enol. Vitic*., 1991, **42**, 41-46.
230 C. Dani, L. S. Olilboni, F. Agostini, C. Funchal, L. Serafini, J. A. Henriques and M. Salvador, *Toxicol. In Vitro*, 2010, **24**, 148-153.
231 A. Zhang, Y. Fang, X. Li, J. Meng, H. Wang, H. Li, Z. Zhang and Z. Guo, *Molecules*, 2011, **16**, 2846-2861.
232 P. Langcake, *Physiol. Plant Pathol*., 1981, **18**, 213-226.
233 J. Bisson, P. Poupard, A. D. Pawlus, A. Pons, P. Darriet, J.M. Mérillon and P. Waffo-Téguo, *J. Chromatogr. A*, 2011, **1218**, 6079-6084.
234 W. Chiou, C. Shen, C. Chen, C. Lin and Y. Huang, *Planta Med*., 2009, **75**, 856-859.
235 Y. L. Huang, W. J. Tsai, C. C. Shen and C. C. Chen, *J. Nat. Prod*., 2005, **68**, 217-220
236 L. G. Chen and C. C. Wang, *Separ. Purif. Technol*., 2009, **66**, 65-70.
237 K. T. Wang, L. G. Chen, S. H. Tseng, J. S. Huang, M. S. Hsieh and C. C. Wang, *J. Agric. Food Chem*., 2011, **59**, 3649-3656.
238 A. L. Waterhouse and R. M. Lamuela-Raventós, *Phytochemistry,* 1994, **37**, 571-573.
239 L. Bavaresco, M. Fregoni, M. Trevisan, F. Mattivi, U. Vrhovsek and R. Falchetti, *Vitis*, 2002, **41**, 133-136
240 A. Romero-Perez, M. Ibern-Gomez, R. Lamuela-Raventos and M. de la Torre-Boronat, *J. Agric. Food Chem.,* 1999, **47**, 1533-1536.
241 P. Waffo-Téguo, B. Fauconneau, G. Deffieux, F. Huguet, J. Vercauteren and J. M. Mérillon, *J. Nat. Prod*., 1998, **61**, 655-657.
242 P. Waffo-Téguo, D. Lee, M. Cuendet, J. M. Mérillon, J. M. Pezzuto and A. D. Kinghorn, *J. Nat. Prod*., 2001, **64**, 136-138.
243 P. Waffo-Téguo, A. Decendit, J. Vercauteren, G. Deffieux and J. M. Mérillon, *Phytochemistry*, 1996, **42**, 1591-1593.

244 P. Waffo-Téguo, A. Decendit, S. Krisa, G. Deffieux, J. Vercauteren and J. M. Mérillon, *J. Nat. Prod*., 1996, **59**, 1189-1191.
245 J. Ito and M. Niwa, *Tetrahedron*, 1996, **52**, 9991-9998.
246 J. Ito, Y. Takaya, Y. Oshima and M. Niwa, *Tetrahedron*, 1999, **55**, 2529-2544.
247 J. Ito, M. Niwa and Y. Oshima, *Heterocycles*, 1997, **45**, 1809-1813.
248 F. Mattivi, U. Vrhovsek, G. Malacarne, D. Masuero, L. Zulini, M. Stefanini, C. Moser, R. Velasco and G. Guella, *J. Agric. Food Chem*., 2011, **59**, 5364-5375.
249 R. Pezet, C. Perret, J. Jean-Denis, R. Tabacchi, K. Gindro and O. Viret, *J. Agric. Food Chem*., 2003, **51**, 5488-5492.
250 P. Langcake, C. Cornford and R. Pryce, *Phytochemistry*, 1979, **18**, 1025-1027.
251 F. Fujii, Y. H. He, K. Terashima, Y. Takaya and M. Niwa, *Heterocycles*, 2005, **65**, 2461-2469.
252 F. Reniero, M. Rudolph, A. Angioni, A. Bernreuther, P. Cabras and F. Mattivi, *Vitis*, 1996, **35**, 125-127.
253 J. C. Ourtoule, M. Bourhis, J. Vercautren and N. Théodore, *Tetrahedron Lett.*,1996, **37**, 4697-4700.
254 C. Barjot, M. Tournaire, C. Castagnino, C. Vigor, J. Vercauteren and J. F. Rossi, *Life Sci*., 2007, **81**, 1565-1574.
255 K. Yan, K. Terashima, Y. Takaya and M. Niwa, *Tetrahedron*, 2001, **57**, 2711-2715.
256 K. Yan, K. Terashima, Y. Takaya and M. Niwa, *Tetrahedron*, 2002, **58**, 6931-6935.
257 Q. Kong, X. Ren, L. Jiang, Y. Pan and C. Sun, *J. Sci. Food Agric*., 2010, **90**, 823-828.
258 Y. Choi, M. Yoo, C. Choi, M. Cha, G. Yon, D. Kwon, Y. Kim, W. Park and S. Ryu, *Planta Med*., 2009, **75**, 537-540.
259 E. Siemann and L. Creasy, *Am. J. Enol. Vitic*., 1992, **43**, 49-52.
260 D. Goldberg, E. Ng, A. Karumanchiri, E. Diamandis and G. Soleas, *Am. J. Enol. Vitic*., 1996, **47**, 415-420.
261 X. Vitrac, C. Castagnino, P. Waffo-Téguo, J. C. Delaunay, J. Vercauteren, J. P. Monti, G. Deffieux and J. M. Mérillon, *J. Agric. Food Chem*., 2001, **49**, 5934-5938.
262 X. Vitrac, A. Bornet, R. Vanderlinde, J. Valls, T. Richard, J. C. Delaunay, J. M. Mérillon and P. L. Teissédre, *J. Agric. Food Chem*., 2005, **53**, 5664-5669.
263 F. Mattivi, F. Reniero and S. Korhammer, *J. Agric. Food Chem*., 1995, **43**, 1820-1823.
264 H. A. Guebailia, K. Chira, T. Richard, T. Mabrouk, A. Furiga, X. Vitrac, J. P. Monti, J. C. Delaunay and J. M. Mérillon, *J. Agric. Food Chem*., 2006, **54**, 9559-9564.
265 B. Baderschneider and P. Winterhalter, *J. Agric. Food Chem*., 2000, **48**, 2681-2686.
266 W. Li, B. Li and Y. Chen, Chin. J. *Appl. Environ. Biol*., 1998, **4**, 28-31.
267 L. Jiang, S. He, C. Sun and Y. Pan, *Phytochemistry*, 2012, **77**, 294-303.
268 K. Kawazoe, N. Shimogai, Y. Takaishi, K. S. Rao and Y. Imakura, *Phytochemistry*, 1997, **44**, 1569-1573.
269 B. J. Yoder, S. Cao, A. Norris, J. S. Miller, F. Ratovoson, J. Razafitsalama, R. Andriantsiferana, V. E. Rasamison and D. G. I. Kingston, *J. Nat. Prod*. 2007, **70**, 342-346.
270 J. E. Kaaden, T. K. Hemscheidt and S. L. Mooberry, *J. Nat. Prod*., 2001, **64**, 103-105.
271 Y. M. Syah and E. L. Ghisalberti, *Nat. Prod. Comm*., 2010, **5**, 219-222.
272 J. A. Beutler, R. H. Shoemaker, T. Johnson and M. R. Boyd, *J. Nat. Prod*., 1998, **61**, 1509-1512.
273 J. A. Beutler, J. Jato, G. M. Cragg and M. R. Boyd, *Nat. Prod. Lett*., 2000, **14**, 399-404.
274 N. R. Mente, A. J. Wiemer, J. D. Neighbors, J. A. Beutler, R. J. Hohl and D.F. Wiemer, *Bioorg. Med. Chem. Lett*., 2007, **17**, 911-915.
275 P. Klausmeyer, N. Van Que, J. Jato, T. G. McCloud and J. A. Beutler, *J. Nat. Prod*., 2010, **73**, 479-481.
276 O. Thoison, E. Hnawia, F. Guéritte-Voegelein and T. Sévenet, *Phytochemistry*, 1992, **31**, 1439-1442.
277 L. Li, D. Woolridge, S. R. Saing, J. Jennings, G. E. Henry and N. P. Seeram, *Biochem. Syst. Ecol*., 2010, **38**, 1074-1076.
278 N. T. Keen and J. L. Ingham, *Phytochemistry*, 1976, **15**, 1794-1795.
279 R. M. Lopes, T. S. Agostini-Costa , M. A. Gimenes and D. Silveira, *J. Agric. Food Chem*., 2011, **59**, 4321-4330.
280 V. S. Sobolev, T. L. Potter and B. W. Horn, *Phytochem. Anal*., 2006, **17**, 312-322.
281 L. L. Lin, C. Y. Lien, Y. C. Cheng and K. L. Ku, *J. Chromatogr. B*, 2007, **853**, 175-182.
282 Y. Y. Zheng, J. Yang, D. Chen and L. Sun, *Yao Xue Xue Bao*, 2007, **42**, 386-391.
283 G. Duker-Eshun, J. W. Jaroszewski, W. A. Asomaning, F. Oppong-Boachie and S. B. Christensen, *Phytother. Res*., 2004, **18**, 128-130.
284 J. S. Ashidi, P. J. Houghton, P. J. Hylands, and T. Efferth, *J. Ethnopharmacol*., 2010, **128**, 501-512.
285 G. Chen, H. Luo, J. Ye and C. Hu, *Planta Med*., 2001, **67**, 665-668.
286 S. Kitanaka, M. Takido, K. Mizoue, H. Kondo and S. Nakaike, *Chem. Pharm. Bull*., 1996, **44**, 565-567.
287 Q. Meng, Y. Niu, X. Niu, R. H. Roubin and J. R Hanrahan, *J. Ethnopharmocol*., 2009, **124**, 350-368.
288 G. X. Yang and C. Q. Hu, *Chin. Chem. Lett*., 2003, **14**, 1048-1050.
289 G. X. Yang and C. Q. Hu, *Chin. J. Org. Chem*., 2003, **23**, 873-876.
290 C. X. Yang, J. T. Zhou, Y. Z. Li and C. Q. Hu, *Planta Med*., 2005, **71**, 569-574.
291 G. X. Yang and C. Q. Hu, *Chin. Chem. Lett*., 2007, **18**, 69-80.
292 P. Kulanthaivel, W. P. Janzen, L. M. Ballas, J. B. Jiang, C. Q. Hu, J. W. Darges, J. C. Seldin, D. J. Cofield and L. M. Adams, *Planta Med*., 1995, **61**, 41-44.
293 H. F. Luo, L. P. Zhang and C. Q. Hu, *Tetrahedron*, 2001, **57**, 4849-4854.
294 G. Chen, H. Luo, J. Ye and C. Hu, *Talanta*, 2001, **54**, 1067-1076.
295D. Y. Ma, H. F. Luo and C. Q. Hu, *Chin. J. Chem*., 2004, **22**, 207-211.
296 Q. Jin, X. H. Han, S. S. Hong, C. Lee, S. Choe, D. Lee, Y. Kim, J. T. Hong, M. K. Lee and B. Y. Hwang, *Bioorg. Med. Chem. Lett*., 2012, **22**, 973-976.
297 S. G. Wang, D. Y. Ma and C. Q. Hu, *J. Asian Nat. Prod. Res*., 2004, **6**, 241-248.
298 S. Wang, D. Ma and C. Hu, *Helv. Chim. Acta*, 2005, **88**, 2315-2321.
299 H. X. Liu, W. H. Lin and J. S. Yang, *Chem. Pharm. Bull*., 2004, **52**, 1339-1341.
300 T. Xiang, T. Uno, F. Ogino, C. Ai, J. Duo and U. Sankawa, *Chem. Pharm. Bull*., 2005, **53**, 1204-1206.
301 G. D. Monache, M. C. De Rosa, R. Scurria, B. Monacelli, G. Pasqua, G. Dall'Olio and B. Botta, *Phytochemistry*, 1991, **30**, 1849.
302 Y. Kimura, K. Baba and H. Okuda, *Anticancer Res*., 2000, **20**, 2899-2906.
303 Y. Kimura, K. Baba and H. Okuda, *Anticancer Res*., 2000, **20**, 2923-2930.
304 K. Sreeramulu, K. V. Rao, D. Gunasekar and M. Gill, *Indian J. Heterocycl. Chem*., 1999, **8**, 233-236.
305 X. C. Li, D. C. Dunbar, H. N. ElSohly, M. R. Jacob, A. C. Nimrod, L. A. Walker and A. M. Clark, *J. Nat. Prod*., 2001, **64**, 1153-1156.
306 T. S. Lü, Y. H. Yi, H. Y. Yuan, Z. G. Zhang and W. Liu, *Yao Xue Xue Bao*, 2003, **38**, 113-115.
307 P. C. Stevenson and N. C. Veitch, *Phytochemistry*, 1998, **48**, 947-951.
308 G. Belofsky, A. N. French, D. R Wallace and S. L. Dodson, *J. Nat. Prod*., 2004, **67**, 26-30.
309 G. Belofsky, D. Percivill, K. Lewis, G.P. Tegos and J. Ekart, *J. Nat. Prod*., 2004, **67**, 481-484.
310 A. F. Magalhães, A. M. G. Tozzi, E. G. Magalhães and V. R. D. Moraes, *Phytochemistry*, 2001, **57**, 77-89.
311 L. T. Lobo, G. A. Da Silva, M. C. C. De Freitas, A. P. S. Souza Filho, M. N. Da Silva, A. C. Arruda, G. M. S. P. Guilhon, L. S. Santos,

Electronic supplementary information (ESI) for *Natural Product Reports*

A. S. Santos and M. S. P. Arruda, *J. Braz. Chem. Soc*., 2010, **21**, 1838-1844.
312 A. C. Pereira, M. S. P. Arruda, E. A. Da Silva, M. N. Da Silva, V. S. Lemos and S. Cortes, *Planta Med.*, 2012, **78**, 36-38.
313 C. C. W. Wanjala and R. R. T. Majind, *Fitoterapia*, 2001, **72**, 649-655.
314 M. Na, D. M. Hoang, D. Njamen, J. T. Mbafor, Z. T. Fomum, P. T. Thuong, J. S. Ahn and W. K. Oh. *Bioorg. Med. Chem. Lett*., 2007, **17**, 3868-3871.
35 P. H. Nguyen, M. Na, T. T. Dao, D. T. Ndinteh, J. T. Mbafor, J. Park, H. Cheong and W. K. Oh, *Bioorg. Med. Chem. Lett.*, 2010, **20**, 6430-6434.
316 M. Iinuma, Y. Okawa, T. Tanaka, Y. Kobayashi and K. Miyauchi, *Heterocycles*, 1994, **39**, 687-692.
317 A. Yenesew, J. O. Midiwo, S. M. Guchu, M. Heydenreich and M. G. Peter, *Phytochemistry*, 2002, **59**, 337-341.
318 G. Kusano, S. Koguchi, M. Shibano, K. Takahashi, Y. Okada, M. Coskun, U. Ozgen, C. S. Erdurak and T. Okuyama, *Nat. Med.*, 2002, **56**, 129-135.
319 J. P. Steynberg, E. V. Brandt, J. F. W. Burger, B. C. B. Bezuidenhoudt and D. Ferreira, *J. Chem. Soc., Perkin Trans. 1*, 1988, **1**, 37-41.
320 A. M. Nyemba, T. N. Mpondo, S. F. Kimbu and J. D. Connolly, *Phytochemistry,* 1995, **39**, 895-898.
321 V. Fuendjiep, J. Wandji, F. Tillequin, D. A. Mulholland, H. Budzikiewicz, Z. T. Fomum, A. M. Nyemba and M. Koch, *Phytochemistry*, 2002, **60**, 803-806.
322 W. E. Hillis and Y. Yazaki, *Phytochemistry*, 1973, **12**, 2491-2495.
323 Y. Chen, X. Wei, H. Xie and H. Deng, *J. Nat. Prod*., 2008, **71**, 929-932.
324 J. R. Ioset, A. Marston, M. P. Gupta and K. Hostettmann, *J. Nat. Prod*., 2001, **64**, 710-715.
325 M. Kaouadji, A. Agban, A.M. Mariotte and M. Tissut, *J. Nat. Prod.*, 1986, **49**, 281-285.
326 N. Fang and J. E. Casida, *J. Nat. Prod*., 1999, **62**, 205-210.
327 F. Delle Monache, F. Marletti, G.B. Marini-Bettolo, J.F. De Mello and O.G. De Lima, *Lloydia*, 1977**, 40**, 201-208.
328 O. B. Maksimov, O. E. Krivoshchekova, L. S. Stepanenko and L. V. Boguslavskaya, *Chem. Nat. Compd.*, 1985, **21**, 735-740.
329 O. E. Krivoshchekova, L. S. Stepanenko and O. B. Maksimov, *Chem. Nat. Compd.*, 1986, **22**, 35-38.
330 N. I. Kulesh, V. V. Isakov and O. B. Maksimov, *Chem. Nat. Compd.*, 1992, **28**, 407-414.
331 N. I. Kulesh, V. A. Denisenko and O. B. Maksimov, *Phytochemistry*, 1995, **40**, 1001-1003.
332 N. I. Kulesh, O. B. Maksimov, S. A. Fedoreev, V. A. Denisenko, V. P. Glasunov, T. V. Pokushalova and L. I. Glebko, *Chem. Nat. Compd.*, 1999, **35**, 575-579.
333 I. Muhammad, X. C. Li, D. C. Dunbar, M. A. ElSohly and I. A. Khan, *J. Nat. Prod*., 2001, **64**, 1322-1325.
334 W. D. Ollis, I. O. Sutherland, H. M. Alves and O. R. Gottlieb, *Phytochemistry*, 1978, **17**, 1401-1403.
335 M. Manickam, M. Ramanathan, M. A. Farboodniay Jahromi, J. P. N. Chansouria and A. B. Ray, *J. Nat. Prod.*, 1997, **60**, 609-610.
336 N. Kumar, B. Ravindranath and T. R. Seshadri, *Phytochemistry*, 1974, **13**, 633-636.
337 R. J. Kumar, D. Jyostna, G. L. D. Krupadanam and G. Srimannarayana, *Phytochemistry*, 1988, **27**, 3625-3626.
338 S. E. Drewes and I. P. Fletcher, *J. Chem. Soc., Perkin Trans. 1*, 1974, 961-962.
339 M. Jang, L. Cai, G. O. Udeani, K. V. Slowing, C. F. Thomas, C. W. W. Beecher, H. H. S. Fong, N. R. Farnsworth, A. D. Kinghorn, R. G. Mehta, R. C. Moon and J. M. Pezzuto, *Science*, 1997, **275**, 218-220.
340 M. Iinuma, M.Ohyama and T. Tanaka, *Phytochemistry*, 1995, **38**, 519-525.
341 T. Tanaka, T. Ito, M. Iinuma, M. Ohyama, M. Ichise and Y. Tateishi, *Phytochemistry*, 2000, **53**, 1009-1014.
342 M. Ohyama, M. Ichise, T. Tanaka, M. Iinuma and C. L. Burandt Jr., *Tetrahedron Lett.*, 1996, **37**, 5155-5158.
343 P. Zhao, C. Hamada, K. Inoue and H. Yamamoto, *Phytochemistry*, 2003, **62**, 1093-1099.
344 M. Iinuma, M. Ohyama, T. Tanana and F. A. Lang, *Phytochemistry*, 1994, **37**, 1157-1159.
345 M. Ohyama, T. Tanaka, M. Iinuma and K. Goto, *Chem. Pharm. Bull.*, 1994, **42**, 2117-2120.
346 Y. Shirataki, M. Noguchi, I. Yokoe, T. Tomimori and M. Komatsu, *Chem. Pharm. Bull*., 1991, **39**, 1568-1572.
347 Y. Shirataki, T. Tanaka, M. Ohyama, S. Toda and M. Iinuma, *Natural Medicines*, 2002, **56**, 139-142.
348 S. A. Emami, E. Amin-Ar-Ramimeh, A. Ahi, M. R .B. Kashy, B. Schneider and M. Iranshahi, *Pharm. Biol.*, 2007, **45**, 453-457.
349 M. Ohyama, T. Tanaka, M. Iinuma and C. L. Burandt Jr., *Chem. Pharm. Bull.,* 1998, **46**, 663-668.
350 Z. J. Ma, X. Li, N. Li and J. H. Wang, *Fitoterapia*, 2002, **73**, 313-315.
351 J. L Ingham, *Biochem. Syst. Ecol.*, 1978, **6**, 217-223.
352 M. Martin and P. M. Dewick, *Phytochemstry*, 1979, **18**, 1309-1317.
353 F. E. King, T. J. King, D. H. Godson and L. C. Manning, *J. Chem. Soc.*, 1956, 4458-4463.
354 V. Jerkovic and S. Collin, *J. Agric. Food Chem.*, 2007, **55**, 8754-8758.
355 V. Jerkovic and S. Collin, *J. Agric. Food Chem.*, 2008, **56**, 584-590.
356 N. R. Amarasinghe, L. Jayasinghe, N. Hara and Y. Fujimoto, *Biochem. Syst. Ecol.*, 2008, **36**, 323-325.
357 Y. H. Wong, A. J. Hou, D. F. Chen, M. Weiller, A. Wendel and R. J. Staples, *Eur. J. Org. Chem.*, 2006, 3457-3463.
358 Y. H. Wong, A. J. Hou and D. F. Chen, *J. Integr. Plant Biol.*, 2007, **49**, 605-608.
359 B. N. Su, M. Cuendet, M. E. Hawthorne, L. B. S. Kardono, S. Riswan, H. H. S Fong, R. G. Mehta, J. M. Pezzuto and A. D. Kinghorn, *J. Nat. Prod.*, 2002, **65**, 163-169.
360 N. H. Soekamto, S. A. Achmad, E. L.Ghisalberti, E. H. Hakim and Y. M. Syah. *Phytochemistry*, 2003, **64**, 831-834.
361 E. H. Hakim , U. Z. Ulinnuha, Y. M. Syah and E. L. Ghisalbertib, *Fitoterapia,* 2002, **73**, 597-603.
362 K. Likhitwitayawuid and B. Sritularak, *J. Nat. Prod.*, 2001, **64**, 1457-1459.
363 G. Venkateswara Rao, T. Mukhopadhyay and N. Radhakrishnan, *Indian J. Chem.*, 2010, **49B**, 1264-1266.
364 C. N. Lin and C. M Lu, *Tetrahedron Lett.*, 1993, **34**, 8249-8250.
365 M. H. Yu, T. Zhao, G. R. Yan, H. X. Yang, H. Y. Wang and A. J. Hou, *Chem. Biodivers.*, 2012, **9**, 394-402.
366 K. Shimizu, R. Kondo and K. Sakai, *Phytochemistry*, 1997, **45**, 1297-1298.
367 K. Shimizu, R. Kondo and K. Sakai, *Planta Med.*, 2000, **66**, 11-15.
368 C. Boonlaksiri, W. Oonanant, P. Kongsaeree, P. Kittakoop, M. Tanticharoen and Y. Thebtaranonth, *Phytochemistry*, 2000, **54**, 415-417.
369 A. Puntumchai, P. Kittakoop, S. Rajviroongit, S. Vimuttipong, K. Likhitwitayawuid and Y. Thebtaranonth, *J. Nat. Prod*., 2004, **67**, 485-486.
370 C. Palanuvej, S. Issaravanich, T. Tunsaringkarn, A. Rungsiyothin, N. Vipunngeun, N. Ruangrungsi and K. Likhitwitayawuid, *J. Health Res.*, 2007, **21**, 257-262.
371 S. Maneechai, K. Likhitwitayawuid, B. Sritularak, C. Palanuvej, N. Ruangrungsi and P. Sirisa-ard, *Med. Princ. Pract.*, 2009, **18**, 223-227.
372 B. Sritularak, K. Tantrakamsakul, K. Likhiwitayawuid and V. Lipipun, *Molecules*, 2010, **15**, 6548-6558.
373 T. Zhao, G. R. Yan, S. L. Pan, H. Y. Wang and A. J. Hou, *Chem. & Biodivers.*, 2009, **6**, 2209-2216.
374 H. Ti, P. Wu, L. Lin and X. Wei, *Fitoterapia*, 2011, **82**, 662-665.
375 L. Chen and A. J. Hou, *Helv. Chim. Acta*, 2005, **88**, 2554-2560.

Electronic supplementary information (ESI) for *Natural Product Reports*

376 L. Chen, W. Jiang and A.-J. Hou, *Helv. Chim. Acta*, 2006, **89**, 1000-1007.
377 H. Shen, A. J. Hou and J. Z. Li, *Heterocycles*, 2007, **71**, 1147-1154.
378 H. Shen and A. J. Hou, *Nat. Prod. Res.*, 2008, **22**, 1451-1456.
379 Y. Ren, L. B. S. Kardono, S. Riswan, H. Chai, N. R. Farnswort, D. D. Soejarto, E. J. Carcache de Blanco and A. D. Kinghorn, *J. Nat. Prod.*, 2010, **73**, 949-955.
380 Y. H. Lu, C. N. Lin, H. H. Ko, S. Z. Yang, L. T. Tsao and J. P. Wang, *Helv. Chim. Acta*, 2003, **86**, 2566-2572.
381 M. Royer, G. Herbette, V. Eparvier, J. Beauchêne, B. Thibaut and D. Stien, *Phytochemistry*, 2010, **71**, 1708-1713.
382 D. Lee, K. P. L. Bhat, H. H. S. Fong, N. R. Farnsworth, J. M. Pezzuto and A. D. Kinghorn, *J. Nat. Prod.*, 2001, **64**, 1286-1293.
383 K. Shimizu, S. Yasutake and R. Kondo, *Chem. Pharm. Bull.*, 2003, **51**, 318-319.
384 M. F. Grundon and F. E. King, *Nature*, 1949, **163**, 564-565.
385 L. P. Christensen, J. Lam and T. Sigsgaard, *Phytochemistry*, 1988, **27**, 3014-3016.
386 L. P. Christensen and J. Lam, *Phytochemistry*, 1989, **28**, 917-918.
387 G. D Kapche, P. Waffo-Teguo, S. Massip, J. Guillon, C. Vitrac, S. Krisa, B. Ngadjui and J. M. Mérillon, *Anal. Sci.: X-Ray Struct. Anal. Online*, 2007, **23**, x59-x60.
388 Y. H. Wang, Z. M. Feng, J. S. Jiang and P. C. Zhang, *Zhongguo Zhongyao Zazhi*, 2007, **32**, 406-409.
389 F. O. Ogungbamila, G. O. Onawunmi, J. C. Ibewuike and K. A. Funmilayo, *Int. J. Pharmacognosy*, 1997, **35**, 185-189.
390 T. Sermboonpaisarn and P. Sawasdee, *Fitoterapia*, 2012, **83**, 780-784.
391 V. Kuete, J. Kamga, L. P. Sandjo, B. Ngameni, H. M. P. Poumale, P. Ambassa and B. T. Ngadjui, *BMC Compl. Alternative Med.*, 2011, **11**, 6.
392 J. R. Greenham, R. J. Grayer, J. B. Harborne and V. Reynolds, *Biochem. Syst. Ecol.*, 2007, **35**, 81-90.
393 N. Djapić, Z. Djarmati, S. Filip and R. M. Jankov, *J. Serb. Chem. Soc.*, 2003, **68**, 235-237.
394 R. B. Bates, S. Caldera, V. H. Deshpande, B. L. Malik and S. K. Paknikar, *J. Nat. Prod*., 1997, **60**, 1041-1042.
395 S. J. Piao, F. Qiu, L. X. Chen, Y. Pan and D. Q. Dou, *Helv. Chim. Acta*, 2009, **92**, 579-587.
396 J. S. Kim, T. Y. Ha, J. Y. Ahn, H. K. Kim and S. Kim, *J. Korean Soc. Food Sci. Nutr.*, 2008, **37**, 124-128.
397 W. Song, H. J. Wang, P. Bucheli, P. F. Zhang, D. Z. Wei and Y. H. Lu, *J. Agric. Food Chem.*, 2009, **57**, 9133-9140.
398 S. H. Lee, S. Y. Choi, H. Kim, J. S. Hwang, B. G. Lee, J. J. Gao and S. Y. Kim, *Biol. Pharm. Bull.*, 2002, **25**,1045-1048.
399 Z. Yang, Y. Wang, Y. Weng and Y. Zhang, *Food Chem.*, 2012, **131**, 617-625.
400 Y. Yang, T. Gong, C. Liu and R. Y. Chen, *Chem. Pharm. Bull.*, 2010, **58**, 257-260.
401 F. Qiu, K. Komatsu, K. Kawasaki, K. Saito, X. Yao and Y. Kano, *Planta Med.*, 1996, **62**, 559-561.
402 W. Fu, Y. F. Lei, Y. L. Cai, D. N. Zhou and J. L. Ruan, *Chin. Chem. Lett.*, 2010, **21**, 821-823.
403 H. Y. Tian, X. He, G. Y. Zeng, J. B. Tan, F. S. Li, G. R. Liu, G. S. Tan and Y. J. Zhou, *Chin. Chem. Lett.,* 2010, **21**, 329-331.
404 T. Nomura and T. Fukai, *Planta Med.*, 1981, **42**, 197-199.
405 T. Fukai, Y. Hano, K. Hirakura, T. Nomura and J. Uzawa, *Chem. Pharm. Bull.*, 1984, **32**, 808-811.
406 Z. G. Yang, K. Matsuzaki, S. Takamatsu and S. Kitanaka, *Molecules*, 2011, **16**, 6010-6022.
407 D. Wu, X. Zhang, X. Huang, X. He, G. Wang and W. Ye, *Zhongguo Zhongyao Zazhi*, 2010, **35**, 1978-1982.
408 Y. M. Ferlinahayatia Syah, L. D. Juliawaty, S. A. Achmad, E. H. Hakim, H. Takayama, I. M. Said and J. Latip, *Z. Naturforsch., C: Biosci.*, 2008, **63**, 35-39.
409 Q.J. Zhang, Z.F. Zheng, R.Y. Chen and D.Q. Yu, *J. Asian Nat. Prod. Res.*, 2009, **11**, 138-141.
410 T. Nomura, T. Fukai, T. Shimada and I. S. Chen, *Planta Med.*, 1983, **49**, 90-94.
411 Y. Q. Shi, T. Fukai, W. J. Chang, P. Q. Yang, F. P. Wang and T. Nomura, *Natural Med.*, 2001, **55**, 143-146.
412 Y. S. Jin, M. J. Lee, W. Han, S. I. Heo, S. I. Sohn and M.H. Wang, *Free Radical Res.*, 2006, **40**, 986-992.
413 Y. S. Jin, M. K. Kim, S.I. Heo, W. Han and M. H. Wang, *Phytotherapy Res.*, 2007, **21**, 605-608.
414 S. I. Heo, Y. S. Jin, M. J. Jung and M. H. Wang, *J. Med. Food*, 2007, **10**, 602-607.
415 D. M. Hoang, T. M. Ngoc, N. T. Dat, D. T. Ha, Y. H. Kim, H. V. Luong, J. S. Ahn and K. Bae, *Bioorg. Med. Chem. Lett.*, 2009, **19**, 6759-6761.
416 T. Fukai, Y. H. Pei, T. Nomura, C. Q. Xu, L. J. Wu and Y. J. Chen, *Heterocycles*, 1996, **43**, 425-436.
417 Y. Q. Shi, T. Nomura and T. Fukai, *Fitoterapia* 2007, **78**, 617-618.
418 G. Ni, Q. J. Zhang, Z. F. Zheng, R. Y. Chen and D. Q. Yu, *J. Nat. Prod.*, 2009, **72**, 966-968.
419 P. Basnet, S. Kadota, S. Terashima, M. Shimizu and T. Namba, *Chem. Pharm. Bull.*, 1983, **41**, 1238-1243.
420 K. Hirakura, Y. Fujimoto, T. Fukai and T. Nomura, *J. Nat. Prod.*, 1986, **49**, 218-224.
421 H. Kohno, K. Takaba, T. FUkai and T. Nomura, *Heterocycles*, 1987, **26**, 759-762.
422 S. H. Jeong, Y. B. Ryu, M. J. Curtis-Long, H. W. Ryu, Y. S. Baek, J. E. Kang, W. S. Lee and K. H. Park, *J. Agric. Food Chem.*, 2009, **57**, 1195-1203.
423 Y. M. Syah, S. A. Achmad, E. L. Ghisalberti, E. H. Hakim, M. Z. N. Iman, L. Makmur and D. Mujahiddin, *Fitoterapia*, 2000, **71**, 630-635.
424 S. G. Sun, R. Y. Chen and D. Q. Yu, *J. Asian Nat. Prod. Res.*, 2001, **3**, 253-259.
425 S. J. Dai, Z. B. Ma, S. Li, R. Y. Chen and D. Q. Yu, *Chin. Chem. Lett.*, 2004, **15**, 951-953.
426 Y. M. Syah, S. A. Achmad, E. L. Ghisalberti, E. H. Hakim, L. Makmur and N. H. Soekamto, *J. Chem. Res.*, 2004, **5**, 339-340.
427 G. D. W. F. Kapche, C. D. Fozing, J. H. Donfack; G. W. Fotso, D. Amadou, A. N. Tchana, M. Bezabih, P. F. Moundipa, B. T. Ngadjui and B. M. Abegaz, *Phytochemistry*, 2009, **70**, 216-221.
428 V. Kuete, D. C. Fozing, W. F. G. D. Kapche, A. T. Mbaveng, J. R. Kuiate, B. T. Ngadjui and B. M. Abegaz, *J. Ethnopharmacol.*, 2009, **124**, 551-555.
429 G. D.W. F. Kapche, D. Amadou, P. Waffo-Teguo, J. H. Donfack, C. D. Fozing, D. Harakat, A. N. Tchana, J. M. Mérillon, P. F. Moundipa, B. T. Ngadjui and B. M. Abegaz, *Planta Med*., 2011, **77**, 1044-1047.
430 L. Wang, Y. Yang, C. Liu and R. Y Chen, *J. Asian Nat. Prod. Res.*, 2010, **12**, 431-437.
431 Z. P. Zheng, K. W; Cheng, Q. Zhu, X. C. Wang, Z. X. Lin and M. Wang, *J. Agric. Food Chem.*, 2010, **58**, 5368-5373.
432 O. Mazimba, R. R. T. Majinda and D. Motlhanka, *Afr. J. Pharm. Pharmacol.*, 2011, **5**, 751-754.
433 Y. X. Tan, C. Liu and R. Y. Chen, *Yao Xue Xue Bao*, 2008, **43**, 1119-1122.
434 Y. X. Tan, T. Gong, C. Liu, R. Y. Chen and D. Q. Yu, *Chem. Pharm. Bull.*, 2010, **58**, 579-581.
435 Y. X. Tan, C. Liu, T. Zang, R. Y. Chen and D. Q. Yu, *Phytochem. Lett.*, 2010, **3**, 57-61.
436 Y. X. Tan, Y. Yang, T. Zhang, R. Y. Chen and D. Q. Yu, *Fitoterapia*, 2010, **81**, 742-746.
437 Y. X. Tan, C. Liu and R. Chen, *Zhongguo Zhongyao Zazhi*, 2010, **35**, 2700-2703.
438 Y. X. Tan, H. Q. Wang and R. Y. Chen, *Fitoterapia*, 2012, **83**, 750-753.
439 Y. X. Tan, C. Liu and R. Y. Chen, *Phytochem. Lett.,* 2012, in press (DOI: 10.1016/j.phytol.2012.03.012).
440 X. Q. Cui, H. Q. Wang, C. Liu and R. Y. Chen, *Zhongguo Zhongyao Zazhi*, 2008, **33**, 1569-1572.

Electronic supplementary information (ESI) for *Natural Product Reports*

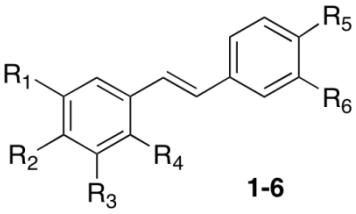
441 C. Xiqiang, C. Hui and C. Ruoyun, *Zhongguo Zhongyao Zazhi*, 2009, **34**, 286-290.
442 X. Q. Cui and R. Y. Chen, *Chin. Tradit. Herb. Drugs*, 2010, **41**, 352-355.
443 X. Hu, J. W. Wu, M. Wang, M. H. Yu, Q. S. Zhao, H. Y. Wang and A. J. Hou, *J. Nat. Prod.*, 2012**,** **75**, 82-87.
444 S. A. Ross, R. Rodríguez-Guzmán, M. M. Radwan, M. Jacob, Y. Ding, X. C. Li, D. Ferreira and S. P. Manly, *J. Nat. Prod.*, 2008, **71**, 1764.
445 R. A. Barnes, *J. Am. Chem. Soc.,* 1955, **77**, 3259-3262.
446 S. Y. Wang, C. T. Chen, C. Y. Wang and P. Chen, *J. Agric. Food Chem.*, 2007, **55**, 8269-8274.
447 R. F. Gonzalez-Laredo, J. Chaidez-Gonzalez, A. A. Ahmed and J. J. Karchesy, *Phytochemistry*, 1997, **46**, 175-176.
448 A. Ludwiczuk, A. Saha, T. Kuzuhara and Y. Asakawa, *Phytomedicine*, 2011, **18**, 491-498.
449 J. Favre-Bonvin, M. Jay and E. Wollenweber, *Phytochemistry*, 1978, **17**, 821-822
450 E. Wollenweber, J. F. Stevens, M. Dörr and A. C. Rozefelds, *Phytochemistry,* 2003, **62**, 1125-1131.
451 G. Pettit, S. B. Singh, M. L. Niven, E. Hamel and J. M. Schmidt, *J. Nat. Prod.*, 1987, **50**, 119-131.
452 G. Pettit and S. B. Singh, *Can. J. Chem*., 1987, **65**, 2390-2396.
453 C. M. Lin, S. B. Singh, P. S. Chu, R. O. Dempcy, J. M. Schmidt, G. R. Pettit and E. Hamel, *Mol. Pharmacol.*, 1988, **34**, 200-208.
454 S. Schwikkard, B. N. Zhou, T. E. Glass, J. L. Sharp, M. R. Mattern, R. K. Johnson and D. G. I. Kingston, *J. Nat. Prod.*, 2000, **63**, 457-460 (+ erratum *J. Nat. Prod.*, 2000, **63**, 1046).
455 K. B. Brookes, O. V. Doudoukina, L. C. Katsoulis and D. J. H. Veale, *S. Afr. J. Chem.*, 1999, **52**, 127-132.
456 C. C. Joseph, M. J. Moshi, E. Innocent and M. H. H. Nkunya, *Afr. J. Tradit. Complement. Altern. Med.*, 2007, **4**, 383-386.
457 K. Kobayashi, T. Ishihara, E. Khono, T. Miyase and F. Yoshizaki, *Biol. Pharm. Bull.*, 2006, **29**, 1275-1277.
458 W. E. Hillis, J. H. Hart and Y. Yazaki, *Phytochemistry*, 1974, **13**, 1591-1595.
459 T. Tsuruga, Y. T. Chun, Y. Ebizuka and U. Sankawa, *Chem. Pharm. Bull*., 1991, **39**, 3276-3278.
460 T. Yoshida, T. Maruyama, A. Nitta and T. Okuda, *Phytochemistry*, 1996, **42**, 1171-1173.
461 P. Coggon, N. F., Janes, F. E. King, T. J. King, R. J. Molyneux, J. W. W. Morgan and K. Sellars, *J. Chem. Soc.,* 1965, 406-409.
462 S. Sotheeswaran, M. U. Sultanbawa, S. Surendrakumar and P. Bladon, *J. Chem. Soc., Perkin Trans. 1*, 1983, 699-702.
463 M. N. Champika Diyasena, S. Sotheeswaran, S. Surendrakumar, S. Balasubramanian, M. Bokel and W. Kraus, *J. Chem. Soc., Perkin Trans. 1*, 1985, 1807-1809.
464 T. Ito, Z. Ali, M. Furusawa, I. Iliya, T. Tanaka, K. I. Nakaya, J. Murata, D. Darnaedi, M. Oyama and M. Iinuma, *Chem. Biodivers*., 2005, **2**, 1200-1216.
465 T. Ito, Z. Ali, M. Furusawa, I. Iliya, T. Tanaka, K. I. Nakaya, J. Murata, D. Darnaedi and M. Iinuma, *Chem. Pharm. Bull.*, 2006, **54**, 363-367.
466 T. Ito, Z. Ali, T. Tanaka, K. I. Nakaya, J. Murata, D. Darnaedi and M. Iinuma, *Heterocycles*, 2006, **68**, 1617-1630.
467 H. Matsuda, Y. Asao, S. Nakamura, M. Hamao, S. Sugimoto, M. Hongo, Y. Pongpiriyadacha and M. Yoshikawa, *Chem. Pharm. Bull.*, 2009, **57**, 487-494.
468 T. Ito, T. Tanakaa, M. Iinumab, K. Nakayaa, Y. Takahashic, R. Sawac, J. Muratad and D. Darnaedie, *Helv. Chim. Acta*, 2004, **87**, 479-495.
469 Muhtadi, E. H. Hakim, L. D. Juliawaty, Y. M. Syah, S. A. Achmad, J. Latip and E. L. Ghisalberti, *Fitoterapia*, 2006, **77**, 550-555.
470 A. Wibowo, N. Ahmat, A. S. Hamzah, A. S. Sufian, N. H. Ismail, R. Ahmad, F. M. Jaafar and H. Takayama, *Fitoterapia*, 2011, **82**, 676-681.
471 Y. M. Syah, N. S. Aminah, E. H. Hakim, N. Aimi, M. Kitajima, H. Takayama and S. A. Achmad, *Phytochemistry*, 2003, **63**, 913-917.
472 Sahidina, E. H. Hakim, L. D. Juliawaty, Y. M. Syah, L. B. Din, E. L. Ghisalberti, J. Latip, I. M. Said and S. A. Achmad, *Z. Naturforsch., C: Biosci.*, 2005, **60**, 723-727.
473 H. M. Ge, C. Xu, X. T. Wang, B. Huang and R. X. Tan, *Eur. J. Org. Chem*., 2006, 5551-5554.
474 H. M. Ge, B. Huang, S. H. Tan, D. H. Shi, Y. C. Song and R. X. Tan. *J. Nat. Prod*., 2006, **69**, 1800-1802.
475 H. M. Ge, C. H. Zhu, D. H. Shi, L. D. Zhang, D. Q. Xie, J. Yang, S. W. Ng and R. X. Tan, *Chem. Eur. J*., 2008, **14**, 376-381.
476 J. R. Dai, Y. F. Hallock, J. H. Cardellina and M. R. Boyd, *J. Nat. Prod.*, 1998, **61**, 351-353.
477 S. Atun, S. A. Achmad, M. Niwa, R. Arianingrum and N. Aznam, *Biochem. Syst. Ecol.*, 2006, **34**, 642-644.
478 L. D. Juliawaty, Sahidina, E. H. Hakim, S. A. Achmad, Y. M. Syah, J. Latip and I.M. Said, *Nat. Prod. Comm.*, 2009, **4**, 947-950.
479 T. Tanaka, T. Ito, Y. Ido, T. K. Son, K. Nakayaa, M. Iinuma, M. Ohyama and V. Chelladurai, *Phytochemistry*, 2000, **53**, 1015-1019.
480 T. Tanaka, T. Ito, Y. Ido, K. Nakaya, M. Iinuma and V. Chelladurai, *Chem. Pharm. Bull*., 2001, **49**, 785-787.
481 J. F. F. Weber, I. A. Wahab, A. Marzuki, N. F. Thomas, A. A. Kadir, A. H. A. Hadi, K. Awang, A. A. Latiff, P. Richomme and J. Delaunay, *Tetrahedron Lett.*, 2001, **42**, 4895-4897.
482 Subeki, S. Nomura, H. Matsuura, M. Yamasaki, O. Yamato, Y. Maede, K. Katakura, M. Suzuki, Trimumingsih, Chairul and T. Yoshihara, *Planta Med.*, 2005, **71**, 420-423.
483 H. Saroyobudiono, L. D. Juliawaty, Y. M. Syah, S. A. Achmad, E. H. Hakim, J. Latip and I. M. Said, *J. Nat. Med*., 2008, **62**, 195-198.
484 T. Ito, T. Tanaka, Y. Ido, K. Nakaya, M. Iinuma and S. Riswan, *Chem. Pharm. Bull.*, 2000, **48**, 1001-1005.
485 T. Ito, T. Tanaka, Y. Ido, K. Nakaya, M. Iinuma and S. Riswan, *Chem. Pharm. Bull.*, 2000, **48**, 1959-1963.
486 T. Tanaka, T. Ito, K.I. Nakaya, M. Iinuma, Y. Takahashi, H. Naganawa and S. Riswan, *Heterocycles*, 2001, **55**, 729-740.
487 T. Ito, T. Tanaka, M. Iinuma, K. Nakaya, Y. Takahasi, H. Nakamura, H. Naganawa and S. Riswan, *Helv. Chim. Acta.*, 2003, **86**, 3394-3401.
488 T. Ito, Y. Akao, H. Yi, K. Ohguchi, K. Matsumoto, T. Tanaka, M. Iinuma and Y. Nozawa, *Carcinogenesis*, 2003, **24**, 1489-1497.
489 T. Ito, M. Oyama, H. Sajiki, R. Sawa, Y. Takahashi and M. Iinuma, *Tetrahedron*, 2012 **68**, 2950-2960.
490 S. Rohaiza, W. A. Yaacob, L. B. Din and I. Nazlina, *Afr. J. Pharm. Pharmacol.*, 2011, **5**, 1272-1277.
491 Y. Hirano, R. Kondo and K. Sakai, *J. Wood Sci.,* 2003, **49**, 53-58.
492 S. Hadi, Noviany, *Adv. in Nat. Appl. Sci*., 2009, **3**, 107-112.
493 Y. M. Syah, E. H. Hakim, E. L. Ghisalberti, A. Jayuska, D. Mujahidin and S. A. Achmad, *Nat. Prod. Res.*, 2009, **23**, 591-594.
494 T. Morikawa, S. Chaipech, H. Matsuda, M. Hamao, Y. Umeda, H. Sato, H. Tamura, H. Kon'I, K. Ninomiya, M. Yoshikawa, Y. Pongpiriyadacha, T. Hayakawa and O.Muraoka, *Bioorg. Med. Chem.*, 2012, **20**, 832-840.
495 W. Patcharamun, J. Sichaem, P. Siripong, S. Khumkratok, J. Jong-aramruang and S. Tip-pyang, *Fitoterapia*, 2011, **82**, 489-492.
496 N. S. Aminah, S. A. Achmad, N. Aimi, E. L. Ghisalberti, E. H. Hakim, M. Kitajima, Y. M. Syah and H. Takayama, *Fitoterapia*, 2002, **73**, 501-507.
497 U. Samaraweera, S. S. Sotheeswaran and M. U. Suttanbawa, *Phytochemistry*, 1982, **21**, 2585-2587.
498 M. Bokel, M. N. C. Diyasena, A. A. L. Gunatilaka, W. Kraus and S. Sotheeswaran, *Phytochemistry*, 1988, **27**, 377-380.
499 T. Ito, I. Iliya, T. Tanaka, K. Nakaya, Y. Akao, Y. Nozawa, J. Murata, D. Darnaedi and M. Iinuma, *Heterocycles*, 2005, **65**, 173-179.
500 T. Ito, T. Tanaka, Z. Ali, Y. Akao, Y. Nozawa, Y. Takahashi, R. Sawa, K. Nakaya, J. Murata, D. Darnaedi and M. Iinuma, *Heterocycles*, 2004, **63**, 129-136.

501 Z. Ali, T. Ito, T. Tanaka, K. Nakaya, J. Murata, D. Darnaedi and M. Iinuma, *Phytochemistry*, 2004, **65**, 2141-2146.
502 T. Ito, M. Furusawa, T. Tanaka, Z. Ali, I. Iliya, K. Nakaya, J. Murata, D. Darnaedi and M. Iinuma, *Chem. Pharm. Bull.*, 2005, **53**, 219-224.
503 T. Ito, N. Abe, Z. Ali, M. Oyama, T. Tanaka, J. Murata, D. Darnaedi and M. Iinuma, *Chem. Pharm. Bull.*, 2007, **55**, 1535-1539.
504 T. Ito, N. Abe, Z. Ali, M. Oyama, T. Tanaka, R. Sawa, Y. Takahashi, J. Murata, D. Darnaedi and M. Iinuma, *Chem. Pharm. Bull.*, 2009, **57**, 516-519.
505 T. Ito, Z. Ali, I. Iliya, M. Furusawa, T. Tanaka, K. Nakaya, Y. Takahashi, R. Sawa, J. Murata, D. Darnaedi and M. Iinuma, *Helv. Chim. Acta*, 2005, **88**, 23-24.
506 T. Ito, Z. Ali, M. Furusawa, I. Iliya, T. Tanaka, K. Nakaya, J. Murata, D. Darnaedi, M. Oyama and M. Iinuma, *Chem. Biodivers.*, 2005, **2**, 1673-1684.
507 T. Ito, N. Abe, Z. Ali, Y. Masuda, M. Nasu, M. Oyama, R. Sawa, Y. Takahashi and M. Iinuma, *Helv. Chim. Acta*, 2009, **92**, 195-208.
508 T. Ito, Y. Masuda, N. Abe, M. Oyama, R. Sawa, Y. Takahashi, V. Chelladurai and M. Iinuma, *Chem. Pharm. Bull.*, 2010, **58**, 1369-1378.
509 T. Ito, T. Tanaka, K. I.Nakaya, M. Iinuma, Y. Takahashi, H. Naganawa, M. Ohyama, Y. Nakanishi, K. F. Bastow and K. H. Lee, *Tetrahedron Lett*., 2001, **42**, 5909-5912.
510 T. Ito, T. Tanaka, M. Iinuma, K. Nakaya, Y. Takahashi, R. Sawa, H. Naganawa, V. Chelladurai, *Tetrahedron*, 2003, **59**, 1255-1264.
511 T. Ito, N. Abe, M. Oyama and M. Iinuma, *Helv. Chim. Acta,* 2008, **91**, 1989-1998.
512 S. Mishima, K. Matsumoto, Y. Futamura, Y. Araki, T. Ito, T. Tanaka, M. Iinuma, Y. Nozawa and Y. Akao, *J. Exp. Therapeut. Oncol.*, 2003, **3**, 283-288.
513 N. Abe, T. Ito, K. Ohguchi, M. Nasu, Y. Masuda, M. Oyama, Y.Nozawa, M. Ito and M. Iinuma, *J. Nat. Prod.*, 2010, **73**, 1499-1506.
514 N. Abe, T. Ito, M. Oyama, R. Sawa, Y. Takahashi and M. Iinuma, *Chem. Pharm. Bull.*, 2011, **59**, 452-457.
515 E. K. Seo, H. Chain, H. K. Constant, T. Santisuk, V. Reutrakul, C. W. W. Beecher, N. R. Farnsworth, G. A. Cordell, J. M. Pezzuto and A. D. J. Kinghorn, *J. Org. Chem*., 1999, **64**, 6976-6983.
516 J. R. Zgoda-Pols, A. J. Freyer, L. B. Killmer and J. R. Porter, *J. Nat. Prod*., 2002, **65**, 1554-1559.
517 T. Ito, T. Tanaka, M. Iinuma, I. Iliya, K. Nakaya, Z. Ali, Y. Takahashi, R. Sawa, Y. Shirataki, J. Murata and D. Darnaedi, *Tetrahedron*, 2003, **59**, 5347-5363.
518 T. Ito, T. Tanaka, M. Iinuma, K. Nakaya, Y. Takahashi, R. Sawa, J. Murata and D. Darnaedi, *J. Nat. Prod*., 2004, **67**, 932-937.
519 T. Tanaka, T. Ito, K. Nakaya, M. Iinuma and S. Riswan, *Phytochemistry*, 2000, **54**, 63-69.
520 T. Ito, T. Tanaka, Y. Ido, K. Nakaya, M. Iinuma, Y. Takahashi, H. Naganawa and S. Riswan, *Heterocycles*, 2001, **55**, 557-567.
521 T. Ito, T. Tanaka, K. Nakaya, M. Iinuma, Y. Takahashi, H. Naganawa, M. Ohyama, Y. Nakanishi, K. F. Bastow and K. H. Lee, *Tetrahedron*, 2001, **57**, 7309-7321.
522 T. Ito, Y. Akao, T. Tanaka, M. Iinuma and Y. Nozawa, *Biol. Pharm. Bull.*, 2002, **25**, 147-148.
523 T. H. Kouakou, P. W. Téguo, J. Valls, Y. J. Kouadio, A. Decendit, J. M. Mérillon, *Plant Cell Tissue Organ Cult.*, 2006, **86**, 405-409.
524 C. Counet, D. Callemien and S. Collin, *Food Chem.*, 2006, **98**, 649-657.
525 A. Asase, T. Kokubun, R. J. Grayer, G. Kite, M. S. J. Simmonds, A. A. Oteng-Yeboah and G. Odamtten, *Phytotherapy Res.*, 2008, **22**, 1013-1016.
526 F. Grippi, L. Crosta, G. Aiello, M. Tolomeo, F. Oliveri, N. Gebbia and A. Curione, *Food Chem*., 2008, **107**, 483-488.
527 A. Rahman, H. Naz, Fadimatou, T. Makhmoor, A. Yasin, N. Fatima, F. N. Ngounou, S. F. Kimbu, B. L. Sondengam and M. I. Choudhary, *J. Nat. Prod*., 2005, **68**, 189-193.
528 D. Cha´vez, H. B. Chai, T. E. Chagwedera, Q. Gao, N. R. Farnsworth, G. A. Cordell, J. M. Pezzuto and A. D. Kinghorn, *Tetrahedron Lett*., 2001, **42**, 3685-3688.
529 H. Yang, S. H. Sung and Y. C. Kim, *J. Nat. Prod*., 2005, **68**, 101-103.
530 L. Li and N. P. Seeram, *J. Agric. Food Chem.*, 2010, **58**, 11673-11679.
531 M. Okasaka, Y. Takaishi, K. Kogure, K. Fukuzawa, H. Shibata, T. Higuti, G. Honda, M. Ito, O. K. Kodzhimatov and O. Ashurmetov, *J. Nat. Prod*., 2004, **67**, 1044-1046.
532 Y. Miyaichi, N. Nunomura, Y. Kawata, H. Kizu, T. Tomimori, T. Watanabe, A. Takano and K. Malla, *Chem. Pharm. Bull*., 2006, **54**, 136-138.
533 K. Xiao, L. Xuan, Y. Xu and D. Bai, *J. Nat. Prod*., 2000, **63**, 1373-1376.
534 K. Xiao, L. Xuan, Y. Xu, D. Bai and D. Zhong, *Chem. Pharm. Bull*., 2002, **50**, 605-608.
535 K. Xiao, L. Xuan, Y. Xu, D. Bai, D. Zhong, H. Wu, Z. Wang and N. Zhang, *Eur. J. Org. Chem*., 2002, **3**, 564-568.
536 P. Fan, K. Hostettmann and H. Lou, *Chemoecology*, 2010, **20**, 223-227.
537 B. C. Vastano, Y. Chen, N. Zhu, C. T. Ho, Z. Zhou and R. T. Rosen, *J. Agric. Food Chem*., 2000, **48**, 253-256.
538 V. R. Hegde, H. Pu, M. Patel, T. Black, A. Soriano, W. Zhao, V. P. Gullo and T. M. Chang, *Bioorg. Med. Chem. Lett*., 2004, **14**, 2275-2277.
539 M. Frédérich, J. N. Wauters, M. Tits, C. Jason, P. de Tullio and Y. Van der Heyden, *Planta Med*., 2011, **77**, 81-86.
540 H. W. Lin, M. X. Sun, Y. H. Wang, L. M. Yang, Y. R. Yang, N. Huang, L. J. Xuan, Y. M. Xu, D. L. Bai, Y. T. Zheng and K. Xiao, *Planta Med.,* 2010, **76**, 889-892.
541 S. Tahara, Y. Matsukura, H. Katsuta and J. Z. Mizutani, *Z. Naturforsch*., 1993, **48c**, 757-765.
542 J. P. Lee, B. S. Min, R. B. An, M. K. Na, S. M. Lee, H. K. Lee, J. G. Kim, K. H. Bae and S. S. Kang, *Phytochemistry*, 2003, **64**, 759-763.
543 J. Bero, M. Frederich and J. Quetin-Leclercq, *J. Pharm. Pharmacol*., 2009, **61**, 1401-1433.
544. M. B. Rokaya, P. Maršík and Z. Münzbergová, *Biochem. Syst. Ecol*., 2012, **41**, 83-90.
545 M. B. Rokaya, Z. Münzbergova, B. Timsina and K. R. Bhattarai, *J. Ethnopharmacol.*, 2012, **141**, 761-774.
546 Y. Shikishima, Y. Takaishi, G. Honda, M. Ito, Y. Takeda, O. K. Kodzhimatov and O. Ashurmetov, *Phytochemistry*, 2001, **56**, 377-381.
547 K. Iida, K. Hase, K. Shimomura, S. Sudo, S. Kadota and T. Namba, *Planta Med.*, 1995, **61**, 425-428.
548 K. Komatsu, Y. Nagayama, K. Tanaka, Y. Ling, S. Q. Cai, T. Omote and M. R. Meselhy, *Chem. Pharm. Bull*., 2006, **54**, 1491-1499.
548 T.A. Aburjai, *Phytochemistry*, 2000, **55**, 407-410.
550 I. Kubo, Y. Murai, I. Soediro, S. Soetarno and S. Sastrodihardjo, *J. Nat. Prod*., 1991, **54**, 1115-1118.
551 F. Möller, O. Zierau, A. Jandausch, R. Rettenberger and M. Kaszkin-Bettag, G. Vollmer, *Phytomedicine*, 2007, 14, 716-726.
552 T. Püssa, P. Raudsepp, K. Kuzina and A. Raal, *Phytochem. Anal*., 2008, **20**, 98-103.
553 H. Matsuda, S. Tewtrakul, T. Morikawa and M. Yoshikawa, *Bioorg. Med. Chem*., 2004, **12**, 4871-4876.
554 H. Matsuda, T. Morikawa, I. Toguchida, J.-Y. Park, S. Harima and M. Yoshikawa, *Bioorg. Med. Chem*., 2001, **9**, 41-50.
555 S. K. Ko, *Arch. Pharm. Res*., 2000, **23**, 159-162.
556 Z. Kerem, G. Regev-Shoshani, M. A. Flaishman and L. Sivan, *J. Nat. Prod*., 2003, **66**, 1270-1272.
557 Z. Kerem, I. Bilkis, M. A. Flaishman and L. Sivan, *J. Agric. Food Chem*., 2006, **54**, 1243-1247.

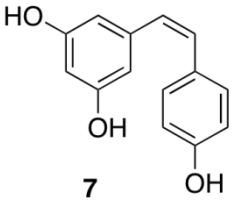
558 H. Kindl and G. Billek, *Nature*, 1962, **194**, 579.
559 J. Gorham, *Phytochemistry*, 1977, **16**, 249-253.
560 H. Zhang, H. Matsuda, C. Yamashita, S. Nakamura and M. Yoshikawa, *Europ. J. Pharmacol.*, 2009, **606**, 255-261.
561 J. L. Luteyn, J. B. Harborne and C. A. Williams, *Brittonia*, 1980, **32**, 1-16.
562 A. Askari, L. R. Worthen and Y. Shimizu, *Lloydia*, 1972, **35**, 49-54.
563 M. Cuendet, O. Potterat, A. Salvi, B. Testa and K. Hostettmann, *Phytochemistry*, 2000, **54**, 871-874.
564 A. M. Rimando, W. Kalt, J. B. Magee, J. Dewey and J. R. Ballington, *J. Agric. Food Chem.*, 2004, **52**, 4713-4719.
565 C. L.C. Hernandez, I. M. Villaseñor, E. Joseph and N. Tolliday, *Philippin J. Sci*, 2008, **137**, 1-10.
566 J. Li, Y. H. Wang, T. J. Smillie and I. A. Khana, *J. Pharm. Biomed. Anal.*, 2012, **63**, 120-127.
567 Y. Miyaichi, Y. Imoto, T. Tomimiri and T. Namba, *Chem. Pharm. Bull.*, 1988, **36**, 2371–2376.
568 A. M. Dawidar, S. T. Ezmiriy, M. Abdel-Mogib, Y. Ei-Dessouki and R. F.Angawi, *Pharmazie*, 2000, **55**, 848-849.
569 A. S. Ragab, J. Van Fleet, B. Jankowski, J. H. Park and S. C. Bobzin, *J. Agric. Food Chem.*, 2006, **54**, 7175-7179.
570 S. D. Marino, F. Gala, N. Borbone, F. Zollo, S. Vitalini, F. Visioli and M. Iorizzi. *Phytochemistry*, 2007, **68**, 1805-1812.
571 M. Ono, Y. Ito, J. Kinjo, S. Yahara, T. Nohara and Y. Niiho, *Chem. Pharm. Bull.*, 1995, **43**, 868-871.
572 H. B. Hu and J. Fan, *Biochem. Syst. Ecol.,* 2012, **43**, 67-72.
573 F. Bohlmann and E. Hoffmann, *Phytochemistry*, 1979, **18**, 1371-1374.
574 Z. Hajdú, E. Varga, J. Hohmann, A. Kálmán, G. Argay and G. Günther. *J. Nat. Prod.*, 1998, **61**, 1298-1299.
575 A. Sari, C. Zidorn, E. P. Ellmerer, F. Özgökçe, K. H. Ongania and H. Stuppner, *Helv. Chim. Acta*, 2007, **90**, 311-317.

Electronic supplementary information (ESI) for *Natural Product Reports*

Table S2. Monomers isolated from Vitaceae genera



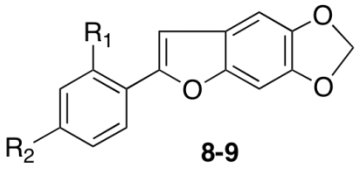
1-6



7

N°	Name	R_1	R_2	R_3	R_4	R_5	R_6	Species names	Ref
1	Longistylin A	OH	Isoprenyl	OCH_3	H	H	H	*Parthenocissus tricuspidata*	1
2	Longistylin C	OH	H	OCH_3	Isoprenyl	H	H	*Parthenocissus tricuspidata*	1
3	*E*-Piceatannol (Astringinin)	OH	H	OH	H	OH	OH	*Cissus quadrangularis* *Parthenocissus quinquefolia, P. tricuspidata* *Vitis amurensis, V. coignetiae, V. vinifera*	1,12,13,15,16,17,18,36
4	*E*-Pterostilbene	OCH_3	H	OCH_3	H	OH	H	*Vitis coignetiae, V. riparia, V. vinifera*	9,14
5	*E*-Resveratrol	OH	H	OH	H	OH	H	*Ampelopsis japonica* *Cayratia japonica, C.trifolia* *Cissus antartica, C. quadrangularis, C. repens, C. sicyoides* *Cyphostemma bainesii, C. crotalarioides* *Muscadinia rotundifolia* *Parthenocissus quinquefolia, P. tricuspidata* *Rhoicissus rhomboidea* *Vitis acerifolia, V. aestivalis, V. amurensis, V. andersonii, V. betulifolia, V. x champinii, V. chunganensis, V. cinerea, V. coignetiae, V. davidii, V. doaniana, V. labrusca,V. monticola, V. novae-angliae, V. palmata, V. pentagona, V. riparia, V. riparia x V. berlandieri, V. rupestris, V. thunbergii, V. vinifera, V. vulpina, V. wilsoniae*	1,2,3,4,5,6,7,8,9,10,11,12,13, 24,34,36,38,40,62,68,73,76, 77,96,97,98,99
6	*E*-Rhapontigenin	OH	H	OH	H	OCH_3	OH	*Vitis coignetiae*	9
7	*Z*-Resveratrol							*Muscadinia rotundifolia* *Vitis labrusca, V. vinifera*	2,3,4,6,7,8,17,19,20,21,22,23, 34

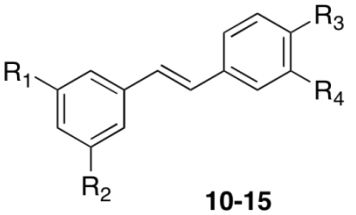
Table S3. Benzofuran-type stilbenes isolated from Vitaceae genera



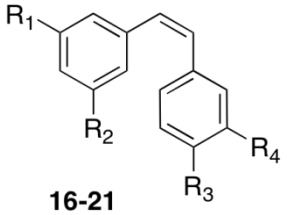
8-9

N°	Name	R1	R2	Species names	Ref
8	Cissusin	OCH_3	OH	*Cissus sicyoides*	24
9	2-(2',4'-dimethoxyphenyl)-5,6-methylenedioxybenzofuran	OCH_3	OCH_3	*Cissus sicyoides*	24

Table S4. Monomers *O*-glycosides isolated from Vitaceae



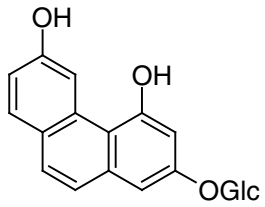
10-15



16-21

N°	Name	R_1	R_2	R_3	R4	Species names	Ref
10	*E*-Astringin	OH	OGlc	OH	OH	*Vitis coignetiae, V. vinifera*	2,5,9,18
11	*E*-Piceid	OH	OGlc	OH	H	*Ampelopsis brevipedunculata* *Cayratia trifolia* *Parthenocissus quinquefolia, P. tricuspidata* *Vitis amurensis, V. coignetiae,* *V. labrusca, V. vinifera*	1,16,25,26,27,28,29,30,31,32,33, 34,35,36,37,38
12	*E*-Piceid-(1→6)-*β*-*D*-glucopyranoside	OH	OGlc-OGlc	OH	H	*Parthenocissus tricuspidata*	1
13	*E*-Resveratrol-3,4'-*O*-*β*-diglucoside (Mulberroside E)	OH	OGlc	OGlc	H	*Vitis vinifera*	24,31,39
14	*E*-Resveratrol 3,5-*O*-*β*-diglucoside	OGlc	OGlc	OH	H	*Vitis vinifera*	31
15	*E*-Resveratroloside	OH	OH	OGlc	H	*Ampelopsis brevipedunculata* *Vitis vinifera*	5,7,37
16	*Z*-Astringin	OH	OGlc	OH	OH	*Vitis vinifera*	7,8
17	*Z*-Piceid	OH	OGlc	OH	H	*Ampelopsis brevipedunculata* *Muscadinia rotundifolia* *Vitis labrusca, V. vinifera*	3,6,7,8,16,29,17,19,31,20,34,35, 37,97
18	*Z*-Resveratrol-3,4'-*O*-*β*-diglucoside	OH	OGlc	OGlc	H	*V. vinifera*	31,39
19	*Z*-Resveratrol 3,5-*O*-*β*-diglucoside	OGlc	OGlc	OH	H	*Vitis vinifera*	31
20	*Z*-Resveratrol 3,5,4'-*O*-*β*-triglucoside	OGlc	OGlc	OGlc	H	*Vitis vinifera*	31
21	*Z*-Resveratroloside	OH	OH	OGlc	H	*Vitis vinifera*	5,7

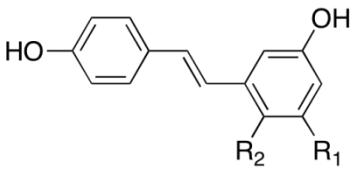
Table S5. Phenanthrene derivative *O*-glycoside isolated from Vitaceae genera



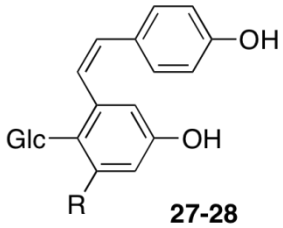
22

N°	Name	Plant	Ref
22	2,4,6-Trihydroxyphenanthrene 2-*O*-glucoside	*Vitis vinifera*	35

Table S6. Monomers *C*-glycosides isolated from Vitaceae genera



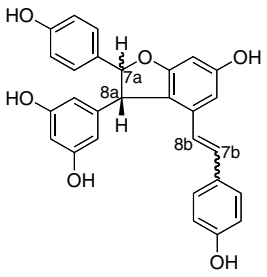
23-26



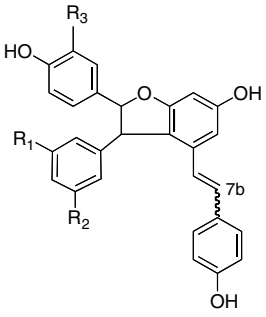
27-28

N°	Name	R_1	R_2	Species names	Ref
23	*E*-resveratrol-2-*C*-*β*-glucoside	OH	Glc	*Cissus repens* *Vitis vinifera*	33,35,40
24	*E*-3-*O*-methyl-resveratrol-2-*C*-*β*-glucoside	OCH_3	Glc	*Cissus repens*	40
25	*E*-3-*O*-methyl-resveratrol-2-(2-*p*-coumaric)-*C*-β-glucoside (Cissuside A)	OCH_3	Glc-2-*p*-coumaric	*Cissus repens*	40
26	*E*-3-*O*-methyl-resveratrol-2-(3-*p*-coumaric)-*C*-β-glucoside (Cissuside B)	OCH_3	Glc-3-*p*-coumaric	*Cissus repens*	40
27	*Z*-resveratrol-2-*C*-*β*-glucoside	OH		*Cissus repens*	40
28	*Z*-3-*O*-methyl-resveratrol-2-*C*-*β*-glucoside	OCH_3		*Cissus repens*	40

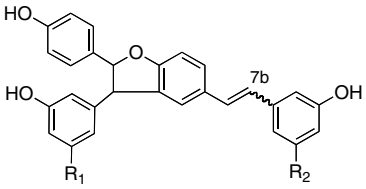
Table S7. Dimers isolated from Vitaceae genera



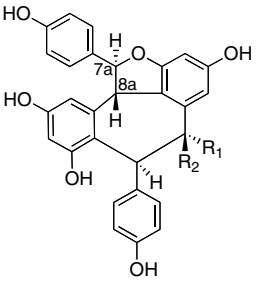
29 7a,8a = dehydro, 7b,8b = *E*
30 7a = *trans*, 7b,8b = *E*
31 7a = *trans*, 7b,8b = *Z*
32 7a = *cis*, 7b = *E*
33 7a = *cis*, 7b = *Z*
34 7a = *trans*, 7b,8b = dihydroxy



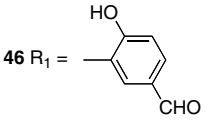
35 R_1, R_2 = OH, R_3 = H, 7b,8b = *E*
36 R_1, R_2 = OGlc, R_3 = H, 7b,8b = *E*
37 = R_1, R_2 = OGlc, R_3 = H, 7b,8b = *Z*



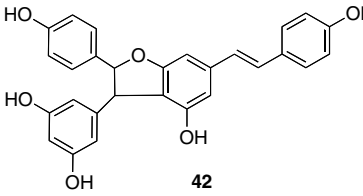
38 R_1, R_2 = OH, 7b,8b = *E*
39 R_1, R_2 = OH, 7b,8b = *Z*
40 R_1 = OGlc, R_2 = OH, 7b,8b = *E*
41 R_1 = OH, R_2 = OGlc, 7b,8b = *E*



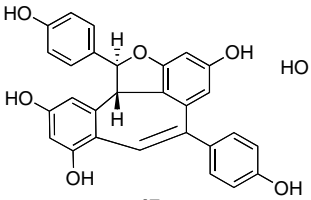
43 R_1 = OH, R_2 = H
44 R_1,R_2 = H
45 7a,8a = dehydro, R_1 = H R_2 = OH



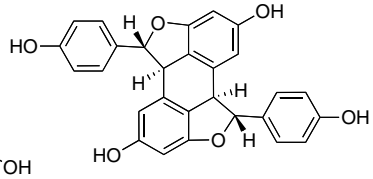
46 R_1 = R_2 = H



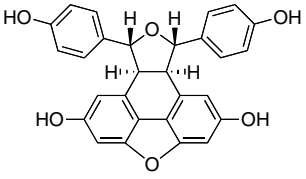
42



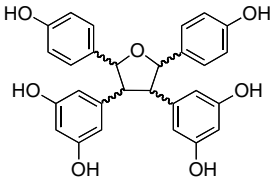
47



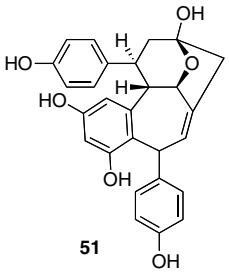
48



49

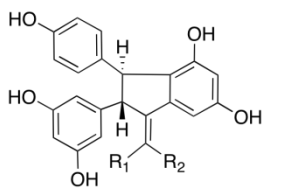


50

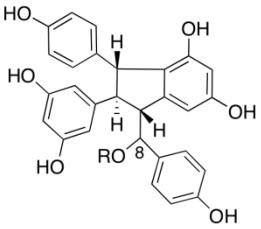


51

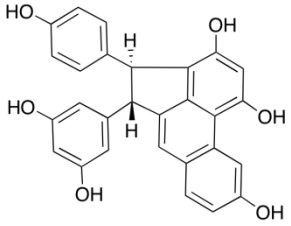
Electronic supplementary information (ESI) for *Natural Product Reports*



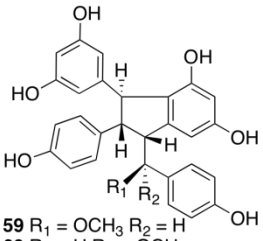
52 R_1 = H, R_2 = *p*-hydroxyphenyl
53 R_1 = *p*-hydroxyphenyl, R_2 = H



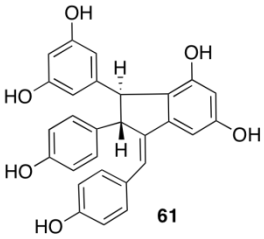
54 R = CH_3, (8S)
55 R = CH_3, (8R)
56 R = CH_2CH_3 (8S)
57 R = CH_2CH_3 (8R)



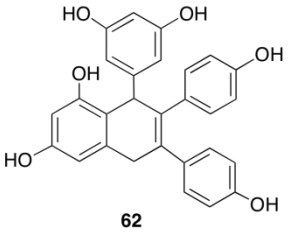
58



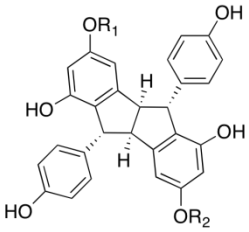
59 R_1 = OCH_3 R_2 = H
60 R_1 = H R_2 = OCH_3



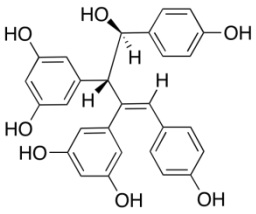
61



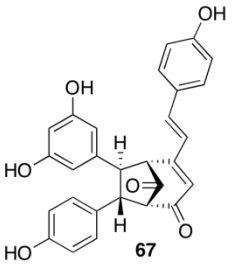
62



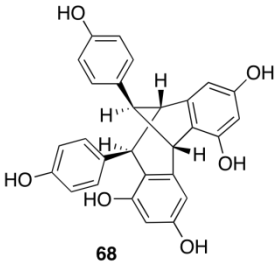
63 R_1 = OH, R_2 = OH
64 R_1 = OH, R_2 = OGlc
65 R_1 = OGlc, R_2 = OGlc



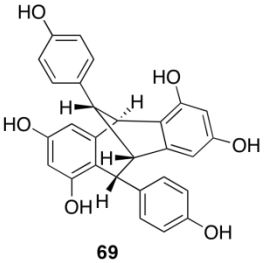
66



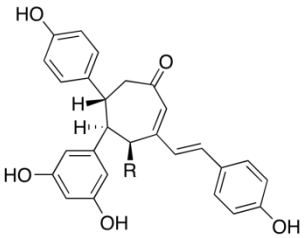
67



68



69

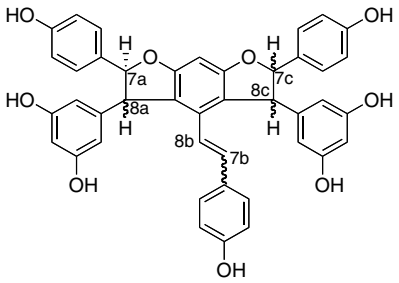


70 R = H
71 R = $COOCH_3$

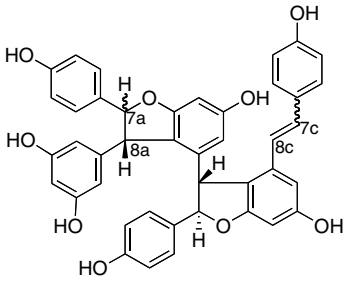
Electronic supplementary information (ESI) for *Natural Product Reports*

	Name	Species names	Ref
29	Viniferifuran = Amurensin H	*Vitis amurensis, V. thunbergii, V. vinifera*	41,42,43
30	*E*-ε-Viniferin	*Cayratia trifolia* *Cyphostemma bainesii, C. crotalarioides* *Muscadinia rotundifolia* *Parthenocissus tricuspidata* *Vitis amurensis, V. berlandieri, V. betulifolia, V. chunganensis, V. cinerea, V. coignetiae, V. davidii, V. flexuosa, Vitis heyneana, V. longii, V.riparia, V. riparia x V. berlandieri, V. rupestris, V. solonis longii, V. solonis richter, V. thunbergii, V. vinifera, V. wilsoniae*	2,17,26,27,28,30,33,38,41,44,45,46,47,48,49,50,51,52,53, 54,55,56,57,58,59,60,61,62,68,76,97
31	*Z*-ε-Viniferin	*Vitis vinifera*	17,56,63
32	*E*-ω-Viniferin = 7a,8a-*cis*-*E*-ε-viniferin	*Vitis vinifera*	63
33	*Z*-ω-Viniferin = 7a,8a-*cis*-*Z*-ε-viniferin	*Vitis vinifera*	63
34	ε-Viniferin diol = Betulifol B	*Vitis betulifolia, V. coignetiae*	48,64
35	Scirpusin A	*Vitis vinifera*	65
36	*E*-ε-Viniferin diglucoside	*Vitis vinifera*	35
37	*Z*-ε-Viniferin diglucoside	*Vitis vinifera*	35
38	*E*- δ-Viniferin = *E*-Resveratrol dehydrodimer	*Muscadinia rotundifolia* *Vitis vinifera*	2,17,28,66,67,97
39	*Z*-δ-Viniferin	*Vitis vinifera*	17
40	*E*-δ-Viniferin 11-*O*-β-D-glucopyranoside	*Vitis vinifera*	66
41	*E*-δ-Viniferin 11'-*O*-β-D-glucopyranoside	*Vitis vinifera*	66
42	Gnetin C	*Cyphostemma crotalarioides*	68
43	(+)-Ampelopsin A	*Ampelopsis brevipedunculata* *Cayratia trifolia* *Vitis amurensis, V. betulifolia, V. coignetiae, V. heyneana, V. thunbergii, V. vinifera*	24,30,38,48,69,70
44	Ampelopsin B	*Ampelopsis brevipedunculata* *Vitis wilsoniae*	71,69
45	(-)-Malibatol A	*Vitis vinifera*	33
46	Vitisinol B	*Vitis thunbergii*	57
47	Vitisinol G	*Vitis thunbergii*	41
48	Betulifol A	*Parthenocissus tricuspidata* *Vitis betulifolia*	1,48
49	Vitisinol A	*Vitis thunbergii*	57
50	Tricuspidatol A	*Parthenocissus tricuspidata*	100
51	Vitisinol E	*Vitis thunbergii*	41
52	Parthenocissin A	*Cissus quadrangularis* *Cyphostemma bainesii, C. crotalarioides* *Parthenocissus laetevirens, P. quinquefolia* *Vitis vinifera*	12,19,36,62,68,72,76
53	Cyphostemmin B, Quadrangularin A	*Cayratia japonica* *Cissus quadrangularis* *Cyphostemma crotalarioides* *Parthenocissus laetevirens, P. tricuspidata* *Vitis vinifera*	1,12,63,68,72,73
54	Parthenostilbenin A	*Parthenocissus tricuspidata*	1
55	Parthenostilbenin B	*Parthenocissus tricuspidata*	1
56	Quadrangularin B	*Cissus quadrangularis*	12
57	Quadrangularin C	*Cissus quadrangularis*	12
58	Laetevirenol A	*Parthenocissus laetevirens*	72
59	(+)-Viniferether A	*Vitis vinifera*	74
60	(+)-Viniferether B	*Vitis vinifera*	74
61	Ampelopsin D	*Ampelopsis brevipedunculata* *Vitis amurensis, V. Vinifera, V. wilsoniae*	37,43,63,75
62	Cyphostemmin A	*Cyphostemma crotalarioides*	68
63	Pallidol	*Ampelopsis brevipedunculata* *Cayratia japonica* *Cissus quadrangularis, C. sicyoides* *Cyphostemma crotalarioides* *Parthenocissus tricuspidata* *Vitis amurensis, V. vinifera, V. wilsoniae*	3,12,19,21,26,27,58,63,66,68,73,76,77
64	Pallidol 3-*O*-glucoside	*Vitis vinifera*	35
65	Pallidol 3,3″-*O*-diglucoside	*Vitis vinifera*	35
66	Amurensin A	*Vitis amurensis*	43,75
67	Gnetin A, Vitisinol D	*Vitis flexuosa, V. wilsoniae*	49,50
68	(+)-Ampelopsin F	*Ampelopsis brevipedunculata* *Vitis amurensis, V. coignetiae, V. thunbergii, V. vinifera*	13,41,59,77
69	Isoampelopsin F	*Parthenocissus tricuspidata* *Vitis amurensis*	58,76
70	Vitisinol C	*Vitis thunbergii*	57
71	(+)-Vitisinol E	*Vitis vinifera*	78

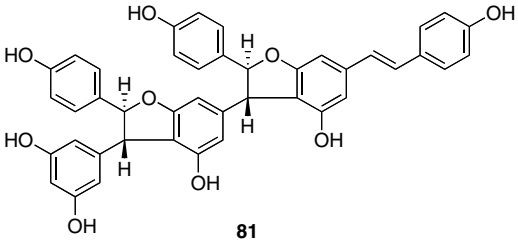
Table S8. Trimers isolated from Vitaceae genera



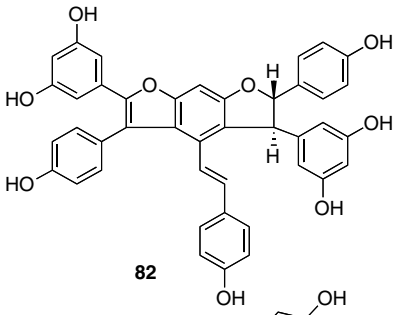
72 7a,8a = *cis*, 7c = α 8c = β,7b,8b = *E*
73 7a,8a = *trans*, 7c = α, 8c = β, 7b,8b = *Z*
74 7a,8a = cis, 7c = β, 8c = α, 7b/8b = *E*
75 7a,8a = cis, 7c = β, 8c = α, 7b/8b = *Z*
76 7a,8a = dehydro, 7c,8c = β 7b/8b = *E*
77 7a,8a = *trans*, 7c = β, 8c = α, 7b/8b = *E*



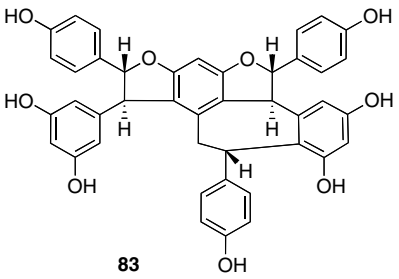
78 7a,8a = *trans*, 7c/8c = *E*
79 7a,8a = *cis*, 7c/8c = *E*
80 7a,8a = *trans*, 7c/8c = *Z*



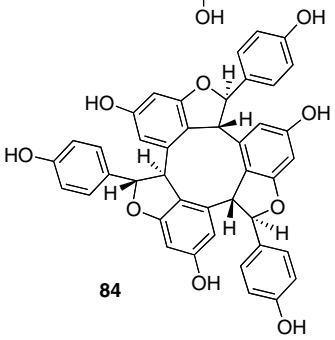
81



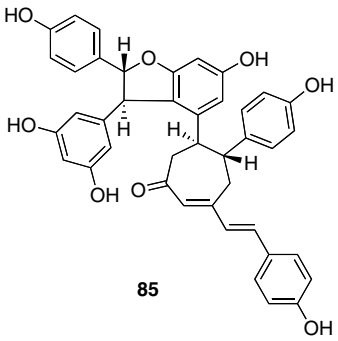
82



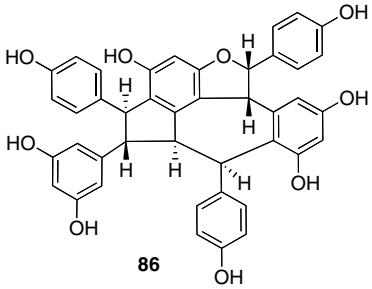
83



84

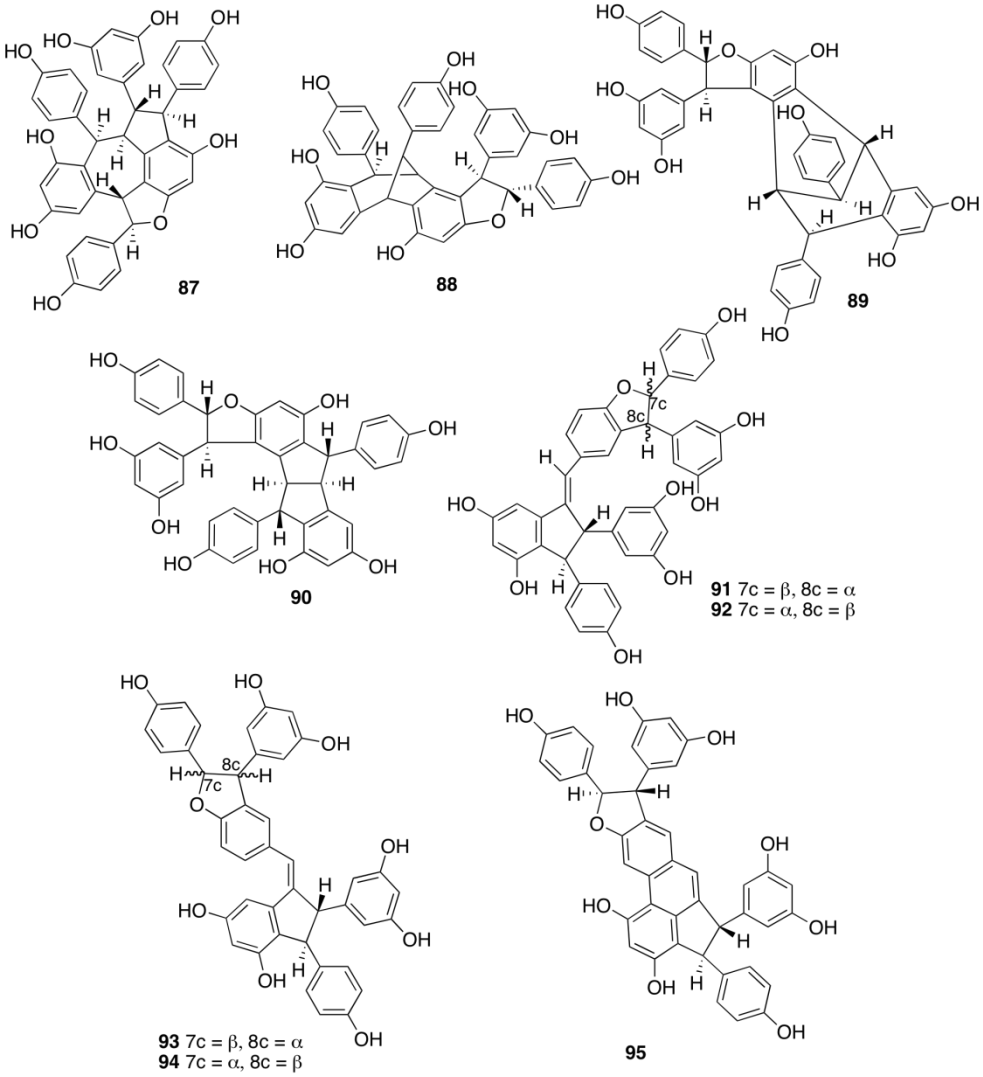


85



86

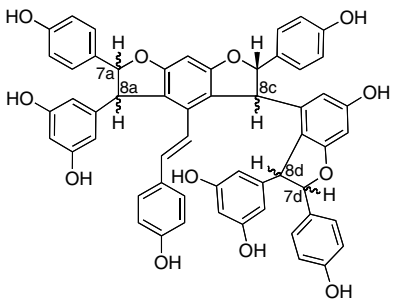
Electronic supplementary information (ESI) for *Natural Product Reports*



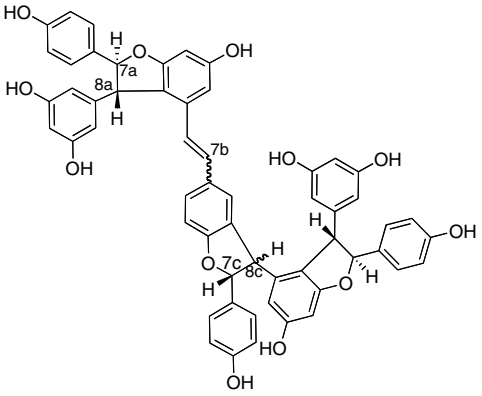
Electronic supplementary information (ESI) for *Natural Product Reports*

N°	Name	Species names	Ref
72	*E*-Ampelopsin E	*Ampelopsis brevipedunculata* *Vitis amurensis, V. davidii, V. wilsoniae*	37,50,51,75
73	*Z*-Ampelopsin E	*Ampelopsis brevipedunculata* *Vitis thunbergii*	41,75,77
74	*E*-Amurensin B	*Vitis amurensis*	30,75
75	*Z*-Amurensin B	*Vitis amurensis, V. chunganensis*	30,46
76	Amurensin C	*Vitis amurensis*	79
77	Gnetin H	*Vitis amurensis, V. berlandieri, V. chunganensis, V. cinerea, V. longii, V. riparia, V. rupestris, V. solonis longii, V. solonis richter, V. vinifera, V. wilsoniae*	30,46,52,71
78	*E-trans*-Miyabenol C	*Ampelopsis brevipedunculata* *Vitis vinifera, V. wilsoniae*	45,63,77
79	*E-cis*-Miyabenol C	*Vitis vinifera*	63
80	*Z-trans*-Miyabenol C	*Vitis vinifera*	63
81	Gnetin E	*Cyphostemma bainesii, C. crotalarioides*	62,68
82	Amurensin D	*Vitis amurensis*	79
83	Vitisin E	*Vitis coignetiae*	80
84	α-Viniferin	*Parthenocissus tricuspidata* *Vitis riparia, V. vinifera*	1,14
85	Vitisinol F	*Vitis thunbergii*	41
86	(+)-Viniferol D	*Vitis vinifera*	81
87	Ampelopsin C, Amurensin G	*Ampelopsis brevipedunculata* *Vitis amurensis, V. betulifolia, V. chunganensis, V. coignetiae, V. davidii, V. heyneana, V. thunbergii, V. wilsoniae*	13,41,46,48,51,54,57,59,70, 71, 90
88	Ampelopsin G	*Ampelopsis brevipedunculata, Vitis wilsoniae*	71,77
89	Wilsonol B	*Vitis wilsoniae*	71
90	Wilsonol A	*Vitis wilsoniae*	71
91	Laetevirenol C	*Parthenocissus laetevirens*	72
92	Laetevirenol D	*Parthenocissus laetevirens*	72
93	Laetevirenol E	*Parthenocissus laetevirens*	72
94	Parthenocissin B	*Parthenocissus laetevirens, P. quinquefolia*	36,72
95	Laetevirenol B	*Parthenocissus laetevirens*	72

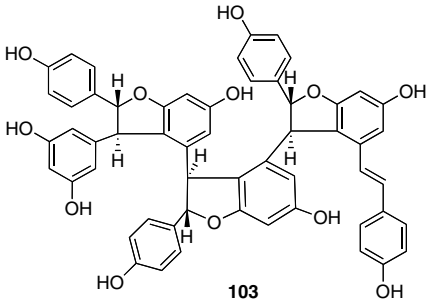
Table S9. Tetramers isolated from Vitaceae genera



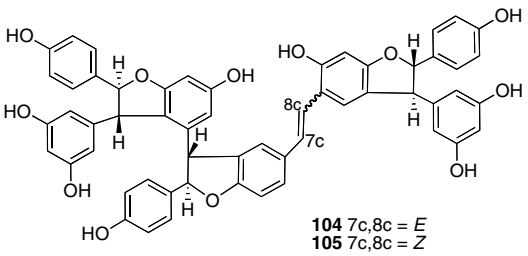
96 7a,8d = α, 8a,8c,7d = β
97 8a,8c,7d = α, 7a,8d = β



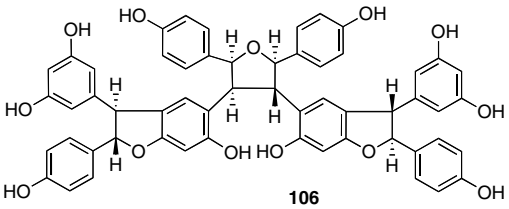
98 8c = α, 7b,8b = *E*
99 8c = α, 7b,8b = *Z*
100 8c = β, 7b,8b = *E*
101 7c = α, 8c = β, 7a,8a = dehydro
102 7c = β, 8c = α, 7a,8a = dehydro



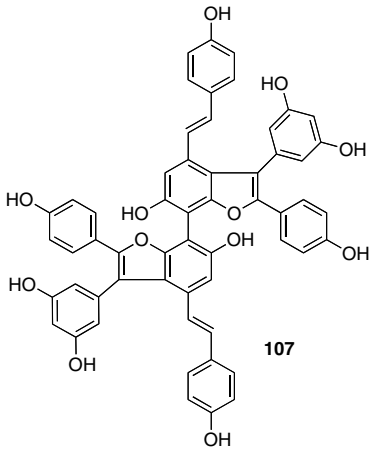
103



104 7c,8c = *E*
105 7c,8c = *Z*

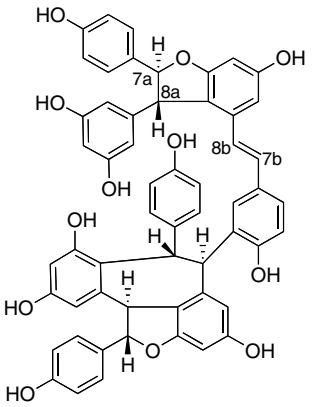


106

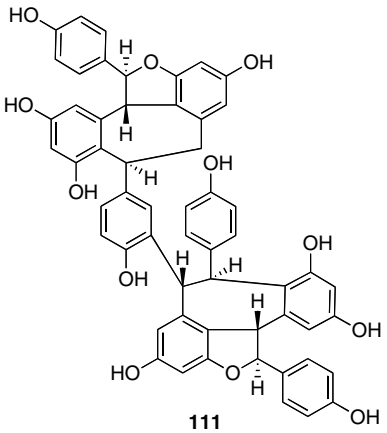


107

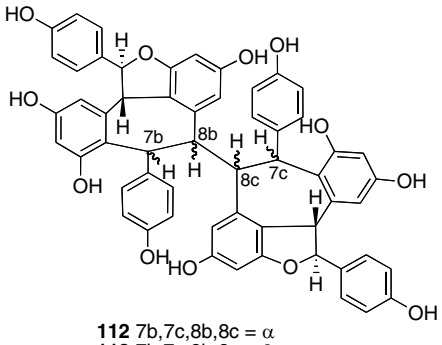
Electronic supplementary information (ESI) for *Natural Product Reports*



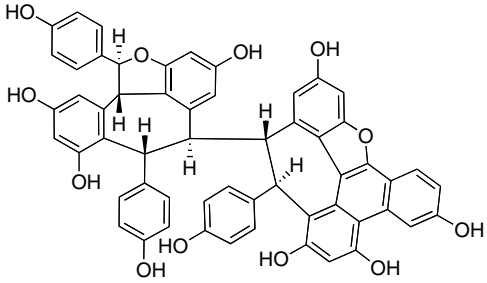
108 7a,8a = dehydro, 7b,8b = *E*
109 7b,8b = *E*
110 7b = *Z*



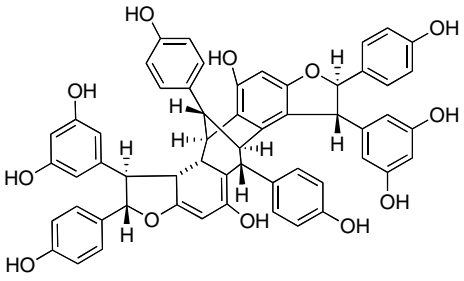
111



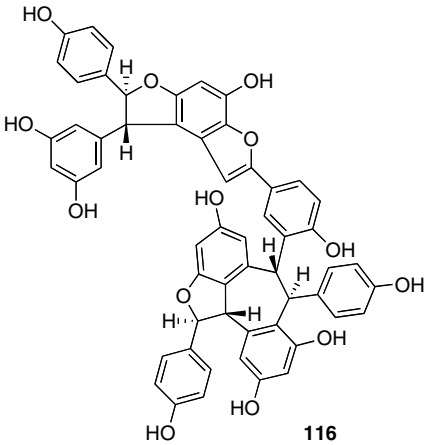
112 7b,7c,8b,8c = α
113 7b,7c,8b,8c = β



114

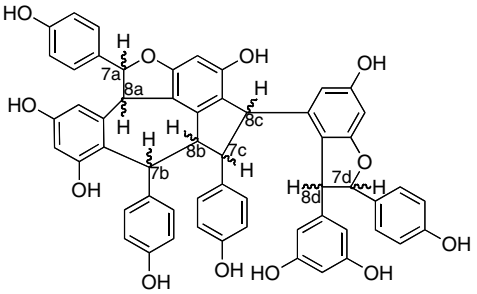


115

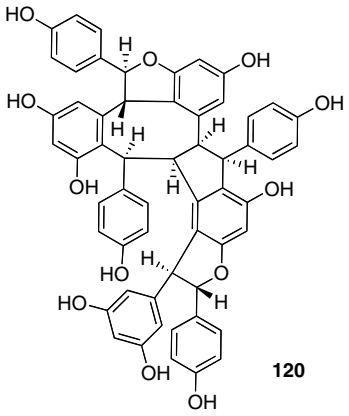


116

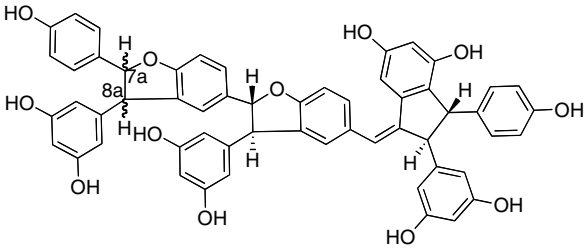
Electronic supplementary information (ESI) for *Natural Product Reports*



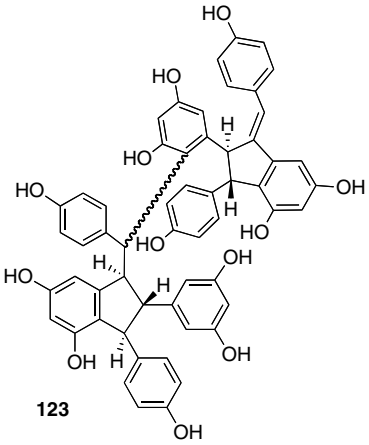
117 sinicin A 7a,8b,7c,8d = β, 8a,7b,8c,7d = α
118 viniferol B 8a, 8c,7d = β, 7a,7b,8b,7c,8d = α
119 viniferol C 8a,7b,8c,7d = β, 7a,8b,8c,7d = α



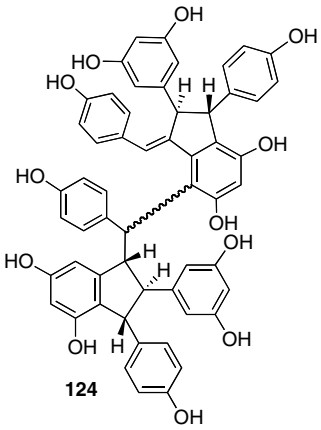
120



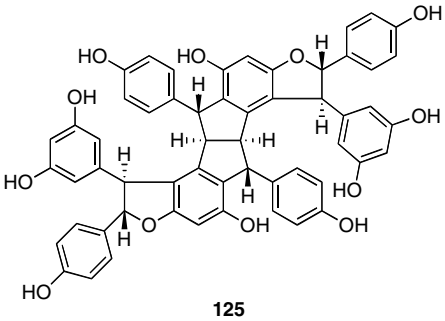
121 8a = α, 7a = β
122 8a = β, 7a = α



123



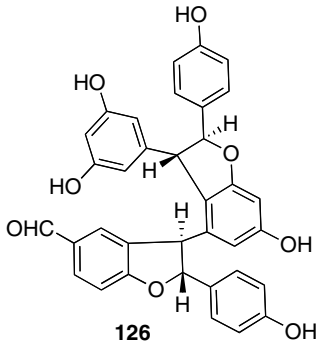
124



125

N°	Name	Species names	Ref
96	Amurensin J	*Vitis amurensis*	82
97	Flexuosol A	*Vitis flexuosa*	49
98	*E*-Vitisin B (r-Viniferin)	*Vitis amurensis, V. berlandieri, V. riparia x V. berlandieri, V. cinerea, V. coignetiae, V. longii, V. riparia, V. rupestris, V. solonis longii, V. solonis richter, V. thunbergii var. taiwaniana, V. vinifera*	52,54,55,59,60,83,84,85,86,
99	*Z*-Vitisin B	*Ampelopsis sinica* *Vitis amurensis, V. coignetieae*	59,84,87
100	*E*-Vitisin C	*Vitis thunbergii, V. vinifera*	57,83
101	Amurensin L	*Vitis amurensis*	82
102	(-)-Vitisifuran B	*Vitis vinifera*	42
103	Miyabenol A	*Vitis thunbergii*	41
104	Heyneanol A	*Vitis amurensis, V. betulifolia, V. heyneana, V. wilsoniae*	48,70,71,82,88,89
105	Wilsonol C	*Vitis wilsoniae*	71
106	(+)-Viniferol E	*Vitis vinifera*	74
107	Amurensin M	*Vitis amurensis*	82
108	(+)-Vitisifuran A	*Vitis amurensis, V. vinifera*	82,83
109	Vitisin A (r-2-Viniferin)	*Ampelopsis sinica* *Vitis amurensis, V. betulifolia, V. chunganensis, V. coignetiae, V. davidii, V. flexuosa, V. thunbergii, V. vinifera, V. wilsoniae*	13,41,46,48,49,50,51,87
110	*Z*-Vitisin A	*Vitis coignetiae*	59,90
111	Vitisin D	*Vitis coignetiae*	80
112	Hopeaphenol	*Ampelopsis sinica* *Vitis amurensis, V. betulifolia, V. chunganensis, V. davidii, V. flexuosa, V. vinifera, V. wilsoniae*	27,46,48,49,51,71,87
113	Isohopeaphenol	*Vitis amurensis, V. vinifera*	33,63,82,92
114	Amurensin I	*Vitis amurensis*	82
115	Vaticanol C isomer (tentative structure)	*Vitis vinifera*	63
116	Amurensin K	*Vitis amurensis*	82
117	Sinicin A	*Ampelopsis sinica*	87
118	(+)-Viniferol B	*Vitis vinifera*	93
119	(+)-Viniferol C	*Vitis vinifera*	93
120	(+)-Viniferol A	*Vitis vinifera*	33
121	Laetevirenol F	*Parthenocissus laetevirens*	85
122	Laetevirenol G	*Parthenocissus laetevirens*	85
123	Cajyphenol B	*Cayratia japonica*	73
124	Cajyphenol A	*Cayratia japonica*	73
125	Ampelopsin H Napalensinol B	*Ampelopsis brevipedunculata, A. sinica* *Vitis amurensis, V. vinifera*	87,90,95

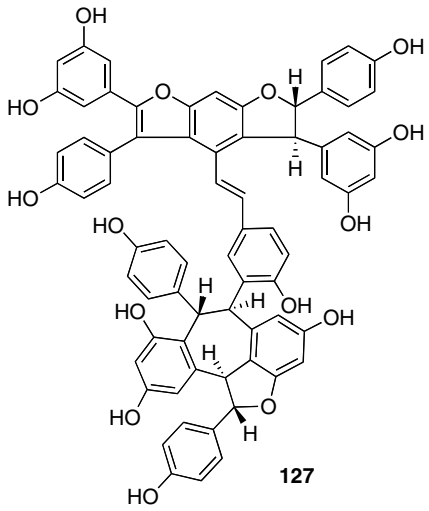
Table S10. Breakdown product from tetramer isolated from Vitaceae genera



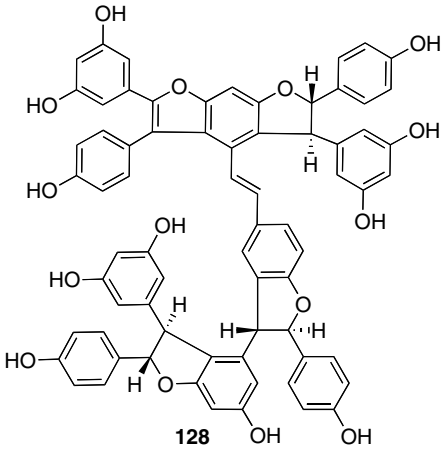
126

N°	Name	Plant	Ref
126	(-)-Viniferal	*Vitis thunbergii, V. vinifera*	41,57,83

Table S11. Pentamers isolated from Vitaceae genera



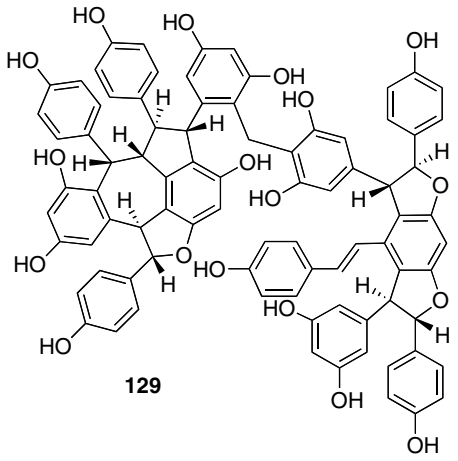
127



128

N°	Name	Plant	Ref
127	Amurensin E	*Vitis amurensis*	79
128	Amurensin F	*Vitis amurensis*	79

Table S12. Hexamer isolated from Vitaceae genera



129

N°	Name	Plant	Ref
129	Chunganenol	*Vitis chunganensis*	46

Electronic supplementary information (ESI) for *Natural Product Reports*

References

1 I. H. Son, I.-M. Chung, S.-J. Lee and H.-I. Moon, *Parasitol. Res.,* **2007**, 237-241.
2 X. Vitrac, A. Bornet, R. Vanderlinde, J. Valls, T. Richard, J.-C. Delaunay, J.-M. Mérillon and P.-L. Teissédre, *J. Agric. Food Chem.,* 2005, **53**, 5664-5669.
3 C. Naugler, J. McCallum, G. Klassen and J. Strommer, *Am. J. Enol. Vitic.,* 2007, **58**, 117-119.
4 X. Vitrac, J. Monti, J. Vercauteren, G. Deffieux and J. Mérillon, *Anal. Chim. Acta,* 2002, **458**, 103-110.
5 P. Waffo-Téguo, B. Fauconneau, G. Deffieux, F. Huguet, J. Vercauteren and J. M. Mérillon, *J. Nat. Prod.,* 1998, **61**, 655-657.
6 M. T. Ribeiro de Lima, P. Waffo-Téguo, P. L. Teissedre, A. Pujolas, J. Vercauteren, J. C. Cabanis and J. M. Mérillon, *J. Agric. Food Chem.,* 1999, **47**, 2666-2670.
7 S. Krisa, F. Larronde, H. Budzinski, A. Decendit, G. Deffieux and J.-M. Mérillon, *J. Nat. Prod.,* 1999, **62**, 1688-1690.
8 F. Buiarelli, F. Coccioli, R. Jasionowska, M. Merolle and A. Terracciano, *Rapid Commun. Mass Spectrom.,* 2007, **21**, 2955-2964.
9 J. Kim, T. Ha, J. Ahn, H. Kim and S. Kim, *Food Chem. Toxicol.,* 2009, **47**, 404-409.
10 P. Waffo-Téguo, A. Decendit, S. Krisa, G. Deffieux, J. Vercauteren and J.-M. Mérillon, *J. Nat. Prod.,* 1996, **59**, 1189-1191.
11 S. Carando, P. L. Teissedre, P. Waffo-Téguo, J. C. Cabanis, G. Deffieux and J. M. Mérillon, *J. Chromatogr. A,* 1999, **849**, 617-620.
12 S. Adesanya, R. Nia, M. Martin, N. Boukamcha, A. Montagnac and M. Païs, *J. Nat. Prod.*, 1999, **62**, 1694-1695.
13 D. T. Ha, H. Kim, P. T. Thuong, T. M. Ngoc, I. Lee, N. D. Hung and K. Bae, *J. Ethnopharmacol.,* 2009, **125**, 304-309.
14 R. J. Pryce and P. Langcake, *Phytochemistry,* 1977, **16**, 1452-1454.
15 P. Langcake, C. Cornford and R. Pryce, *Phytochemistry,* 1979, **18**, 1025-1027.
16 M. Adrian, P. Jeandet, A. Douillet-Breuil, L. Tesson and R. Bessis, *J. Agric. Food Chem.,* 2000, **48**, 6103-6105.
17 R. Pezet, C. Perret, J. Jean-Denis, R. Tabacchi, K. Gindro and O. Viret, *J. Agric. Food Chem.,* 2003, **51**, 5488-5492.
18 R. Pezet and V. Pont, *Plant Physiol. Biochem.,* 1988, **26**, 603-607.
19 X. Vitrac, C. Castagnino, P. Waffo-Téguo, J.-C. Delaunay, J. Vercauteren, J.-P. Monti, G. Deffieux and J.-M. Mérillon, *J. Agric. Food Chem.,* 2001, **49**, 5934-5938.
20 F. Mattivi, F. Reniero and S. Korhammer, *J. Agric. Food Chem.,* 1995, **43**, 1820-1823.
21 J.-C. Delaunay, C. Castagnino, C. Chèze and J. Vercauteren, *J. Chromatogr. A,* 2002, **964**, 123-128.
22 P. Jeandet, R. Bessis, B. Maume, P. Meunier, D. Peyron and P. Trollat, *J. Agric. Food Chem.,* 1995, **43**, 316-319.
23 O. Lamikanra, C. Grimm, J. Rodin and I. Inyang, *J. Agric. Food Chem.,* 1996, **44**, 1111-1115.
24 F. Xu, H. Matsuda, H. Hata, K. Sugawara, S. Nakamura and M. Yoshikawa, *Chem. Pharm. Bull.,* 2009, **57**, 1089-1095.
25 A. L. Waterhouse and R. M. Lamuela-Raventós, 1994, **37**, 571-573.
26 N. Landrault, F. Larronde, J.-C. Delaunay, C. Castagnino, J. Vercauteren, J.-M. Merillon, F. Gasc, G. Cros and P.-L. Teissedre, *J. Agric. Food Chem.,* 2002, **50**, 2046-2052.
27 H. A. Guebailia, K. Chira, T. Richard, T. Mabrouk, A. Furiga, X. Vitrac, J.-P. Monti, J.-C. Delaunay and J.-M. Mérillon, *J. Agric. Food Chem.,* 2006, **54**, 9559-9564.
28 J. B. Jean-Denis, R. Pezet and R. Tabacchi, *J. Chromatogr. A,* 2006, **1112**, 263-268.
29 A. Santamaria, D. Antonacci, G. Caruso, C. Cavaliere, R. Gubbiotti, A. Laganà, A. Valletta and G. Pasqua, *Nat. Prod. Res.,* 2010, **24**, 1488-1498.
30 D. T. Ha, Q. C. Chen, T. M. Hung, U. J. Youn, T. M. Ngoc, P. T. Thuong, H. J. Kim, Y. H. Seong, B. S. Min and K. Bae, *Arch. Pharm. Res.,* 2009, **32**, 177-183.
31 F. Larronde, T. Richard, J.-C. Delaunay, A. Decendit, J.-P. Monti, S. Krisa and J.-M. Mérillon, *Planta Med.,* 2005, **71**, 888-890.
32 P. Waffo-Téguo, A. Decendit, J. Vercauteren, G. Deffieux and J.-M. Mérillon, *Phytochemistry,* 1996, **42**, 1591-1593.
33 K. Yan, K. Terashima, Y. Takaya and M. Niwa, *Tetrahedron,* 2001, **57**, 2711-2715.
34 M. R. Leblanc, C. E. Johnson and P. W. Wilson, *J. Food Sci.*, 2008, **73**, H58-H62.
35 B. Baderschneider and P. Winterhalter, *J. Agric. Food Chem.,* 2000, **48**, 2681-2686.
36 T. Tanaka, M. Iinuma and H. Murata, *Phytochemistry,* 1998, **48**, 1045-1049.
37 Y. Oshima and Y. Ueno, *Phytochemistry,* 1993, **33**, 179-182.
38 C. Roat and K. G. Ramawat, *Plant Biotechnol. Rep.,* 2009, **3**, 135-138.
39 A. Decendit, P. Waffo-Teguo, T. Richard, S. Krisa, J. Vercauteren, J.-P. Monti, G. Deffieux and J.-M. Mérillon, *Phytochemistry,* 2002, **60**, 795-798.
40 Y.-H. Wang, Z.-K. Zhang, H.-P. He, H. Zhou, M. Ding and X.-J. Hao, *J. Asian Nat. Prod. Res.,* 2007, **9**, 631-636.
41 W. Chiou, C. Shen, C. Chen, C. Lin and Y. Huang, *Planta Med.,* 2009, **75**, 856-859.
42 J. Ito, Y. Takaya, Y. Oshima and M. Niwa, *Tetrahedron,* 1999, **55**, 2529-2544.
43 K. Huang, M. Lin and Y. Wang, *Chinese Chem. Lett.,* 1999, **10**, 817-820.
44 P. Langcake, *Physiol. Plant Pathol.,* 1981, **18**, 213-226.
45 C. Barjot, M. Tournaire, C. Castagnino, C. Vigor, J. Vercauteren and J.-F. Rossi, *Life Sci.,* 2007, **81**, 1565-1574.
46 S. He, L. Jiang, B. Wu, C. Li and Y. Pan, *J. Org. Chem.,* 2009, **74**, 7966-7969.
47 P. Langcake and R. Pryce, *Cell. Mol. Life Sci.,* 1977, **33**, 151-152.
48 W. Li, B. Li and Y. Chen, *Phytochemistry,* 1998, **49**, 1393-1394.
49 W. Li, B. Li and Y. Chen, *J. Nat. Prod.,* 1998, **61**, 646-647.
50 W. Li, B. Li and Y. Chen, *Chin. J. Appl. Environ. Biol.,* 1998, **4**, 28-31.
51 W. Li, B. Li and Y. Chen, *Chinese Chem. Lett.,* 1998, **9**, 735-736.
52 F. Mattivi and F. Reniero, *Bull. Liaison Groupe Polyphenols,* 1992, **16**, 116-119.
53 J. Ourtoule, M. Bourhis, J. Vercauteren and N. Théodore, *Tetrahedron Lett.,* 1996, **37**, 4697-4700.
54 K.-T. Wang, L.-G. Chen, S.-H. Tseng, J.-S. Huang, M.-S. Hsieh and C.-C. Wang, *J. Agric. Food Chem.,* 2011, **59**, 3649-3656.
55 J. Bisson, P. Poupard, A. D. Pawlus, A. Pons, P. Darriet, J.-M. Mérillon and P. Waffo-Téguo, *J. Chromatogr. A,* 2011, **1218**, 6079-6084.
56 H. Amira-Guebailia, J. Valls, T. Richard, X. Vitrac, J.-P. Monti, J.-C. Delaunay and J.-M. Mérillon, *Food Chem.,* 2009, **113**, 320-324.
57 Y.-L. Huang, W.-J. Tsai, C.-C. Shen and C.-C. Chen, *J. Nat. Prod.,* 2005, **68**, 217-220.
58 N. I. Kulesh, M. V. Veselova, S. A. Fedoreev and V. A. Denisenko, *Chem. Nat. Compd.,* 2006, **42**, 235-237.
59 Y. Oshima, K. Namao, A. Kamijou, S. Matsuoka, M. Nakano, K. Terao and Y. Ohizumi, *Experientia,* 1995, **51**, 63-66.
60 N. Zga, Y. Papastamoulis, A. Toribio, T. Richard, J. C. Delaunay, P. Jeandet, J. H. Renault, J. P. Monti, J. M. Mérillon and P. Waffo-Téguo, *J. Chromatogr. B,* 2009, **877**, 1000-1004.
61 V. Amico, V. Barresi, R. Chillemi, D. Condorelli, S. Sciuto, C. Spatafora and C. Tringali, *Nat. Prod. Commun.,* 2009, **4**, 27-34.
62 T. Nitta, T. Arai, H. Takamatsu, Y. Inatomi, H. Murata, M. Iinuma, T. Tanaka, T. Ito, F. Asai, I. Ibrahim, T. Nakanishi and K. Watabe, *J. Health Sci.,* 2002, **48**, 273-276.

63 F. Mattivi, U. Vrhovsek, G. Malacarne, D. Masuero, L. Zulini, M. Stefanini, C. Moser, R. Velasco and G. Guella, *J. Agric. Food Chem.,* 2011, **59**, 5364-5375.
64 Y. Oshima, A. Kamijou, Y. Ohizumi, M. Niwa, J. Ito, K. Hisamichi and M. Takeshita, *Tetrahedron,* 1995, **51**, 11979-11986.
65 Q. Kong, X. Ren, L. Jiang, Y. Pan and C. Sun, *J. Sci. Food Agric.,* 2010, **90**, 823-828.
66 P. Waffo-Téguo, D. Lee, M. Cuendet, J. Mérillon, J.-M. Pezzuto and A. D. Kinghorn, *J. Nat. Prod.,* 2001, **64**, 136-138.
67 A. Breuil, M. Adrian, N. Pirio, P. Meunier, R. Bessis and P. Jeandet, *Tetrahedron Lett.,* 1998, **39**, 537-540.
68 P. Ducrot, A. Kollmann, A. Bala, A. Majira, L. Kerhoas, R. Delorme and J. Einhorn, *Tetrahedron Lett.,* 1998, **39**, 9655-9658.
69 Y. Oshima, Y. Ueno, H. Hikino, L.-L. Yang and K.-Y. Yan, *Tetrahedron,* 1990, **46**, 5121-5126.
70 W. Li, L. Ding and B. Li, *Phytochemistry,* 1996, **42**, 1163-1165.
71 L. Jiang, S. He, C. Sun and Y. Pan, *Phytochemistry,* 2012, **77**, 294-303.
72 S. He, B. Wu, Y. Pan and L. Jiang, *J. Org. Chem.,* 2008, **73**, 5233-5241.
73 L. Bao, X. Ma, X. Song, M. Wang and H. Liu, *Chem. Biodivers.,* 2010, **7**, 2931-2940.
74 F. Fujii, Y.-H. He, K. Terashima, Y. Takaya and M. Niwa, *Heterocycles,* 2005, **65**, 2461-2469.
75 K.-S. Huang and M. Lin, *J. Asian Nat. Prod. Res.,* 1999, **2**, 21-28.
76 T. Tanaka, M. Ohyama, K. Morimoto, F. Asai and M. Iinuma, *Phytochemistry,* 1998, **48**, 1241-1243.
77 Y. Oshima, Y. Ueno, K. Hisamichi and M. Takeshita, *Tetrahedron,* 1993, **49**, 5801-5804.
78 Y. Choi, M. Yoo, C. Choi, M. Cha, G. Yon, D. Kwon, Y. Kim, W. Park and S. Ryu, *Planta Med.,* 2009, **75**, 537-540.
79 K. Huang, M. Lin, L. Yu and M. Kong, *Tetrahedron,* 2000, **56**, 1321-1329.
80 K. Shinoda, Y. Takaya, T. Ohta, M. Niwa, K. Hisamichi, M. Takeshita and Y. Oshima, *Heterocycles,* 1997, **46**, 169-172.
81 Y. Takaya, K. Terashima, K. Yan and M. Niwa, *Heterocycles,* 2003, **60**, 1433-1439.
82 K. Huang, M. Lin and G. Cheng, *Phytochemistry,* 2001, **58**, 357-362.
83 J. Ito and M. Niwa, *Tetrahedron,* 1996, **52**, 9991-9998.
84 H.-X. Lou, Z. Yan, R. Dong-Mei, F. Pei-hong and J. Mei, *Chin. J. Med. Chem.,* 2004, **14**, 202-208.
85 L.-G. Chen and C.-C. Wang, *Separ. Purif. Technol.,* 2009, **66**, 65-70.
86 S. Korhammer, F. Reniero and F. Mattivi, *Phytochemistry,* 1995, **38**, 1501-1504.
87 N. Li, X. Liu and M. Lin, *Chinese Chem. Lett.,* 2001, **12**, 893-896.
88 M. Jang, X. Piao, H. Kim, E. Cho, S. Baek, S. Kwon and J. Park, *Biol. Pharm. Bull.,* 2007, **30**, 1130-1134.
89 W. Li, L. Ding, B. Li and Y. Chen, *Phytochemistry,* 2000, **54**, 351.
90 Y. Oshima, A. Kamijou, H. Moritani, K. Namao and Y. Ohizumi, *J. Org. Chem.,* 1993, **58**, 850-853.
91 J. Ito, K. Gobaru, T. Shimamura, M. Niwa, Y. Takaya and Y. Oshima, *Tetrahedron,* 1998, **54**, 6651-6660.
92 J. Ito, M. Niwa and Y. Oshima, *Heterocycles,* 1997, **45**, 1809-1813.
93 K. Yan, K. Terashima, Y. Takaya and M. Niwa, *Tetrahedron,* 2002, **58**, 6931-6935.
94 J. Chen, S. He, H. Mao, C. Sun and Y. Pan, *Rapid Commun. Mass Spectrom.,* 2009, **23**, 737-744.
95 T. N. A. Nguyen, T. T. Dao, B. T. Tung, H. Choi, E. Kim, J. Park, S.-I. Lim and W. K. Oh, *Food Chem.,* 2011, **124**, 437-443.
96 L. Zhenchang, Y. Yang, L. Cheng and G. Y. Zhong, *Food Chem.*, 2012, **132**, 730-738.
97 V. Alonso-Villaverde, F. Voinesco, O. Viret, J. L. Spring and K. Gindro, *Plant Physiol. Biochem*., 2011, **49**, 265-274.
98 I. H. Kim, M. Umezawa, N. Kawahara and Y. Goda, *J. Nat. Med.,* 2007, **61**, 224-225.
99 M. L. Sethi, S. C. Taneja, S. G. Agarwal, K. L. Dhar and C. K. Atal, *Phytochemistry*, 1980, **19**, 1831-1832.
100 A. P. Lins, J. D. Felicio, M. M. Braggio and L.C. Roque, *Phytochemistry*, 1991, **30**, 3144-3146.