

## Supplementary Materials

### *Stevia* genus: phytochemistry and biological activities update

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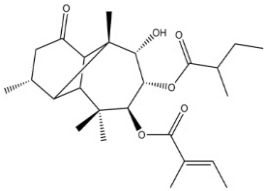
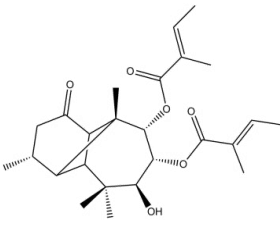
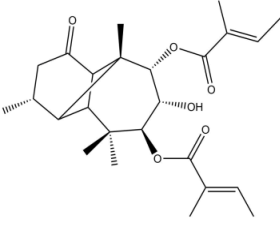
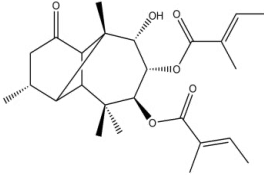
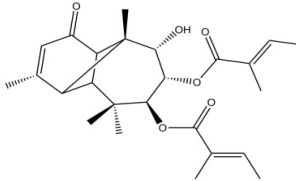
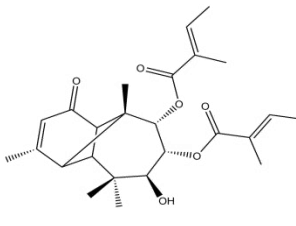
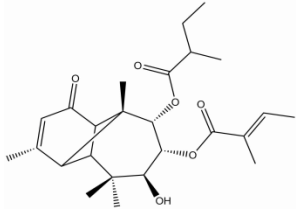
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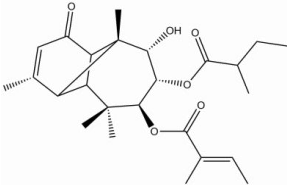
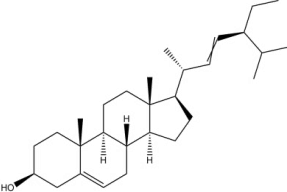
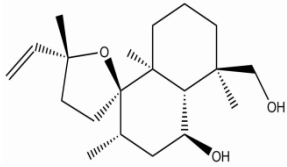
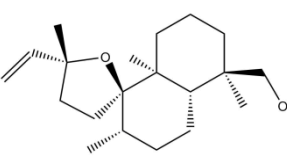
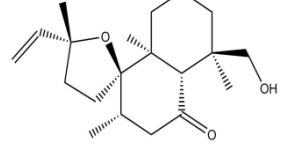
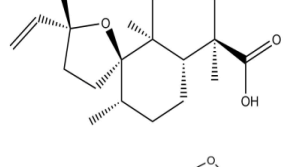
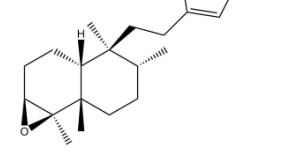
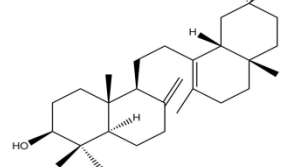
<sup>3</sup> Cátedra de Química Medicinal, Facultad de Farmacia y Bioquímica, Universidad de Buenos Aires, Junín 956 1° piso, 1113 Buenos Aires, Argentina; [flormartini1@gmail.com](mailto:flormartini1@gmail.com) (F.M.)

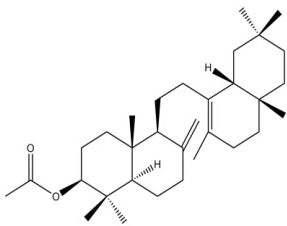
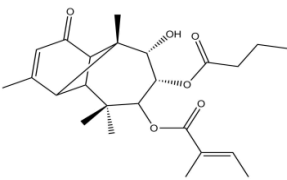
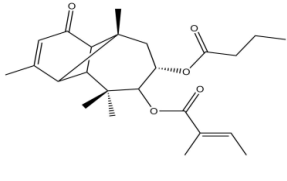
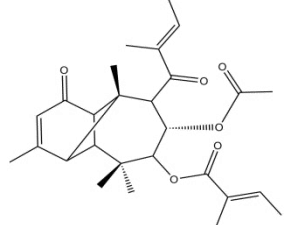
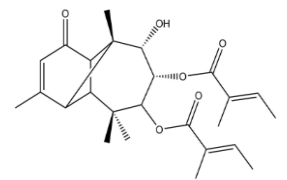
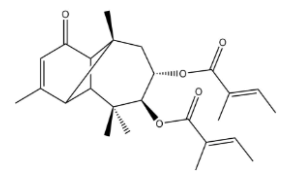
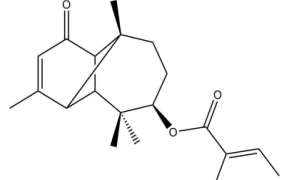
<sup>4</sup> CONICET—Universidad Nacional de Tucumán, Instituto de Química del Noroeste—CONICET (INQUINOA), Ayacucho 471, San Miguel de Tucumán T4000INI, Argentina; [ccatalan@fbqf.unt.edu.ar](mailto:ccatalan@fbqf.unt.edu.ar) (C.A.N.C)

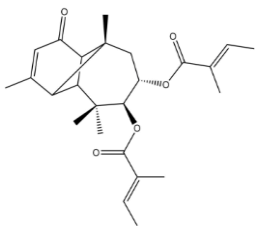
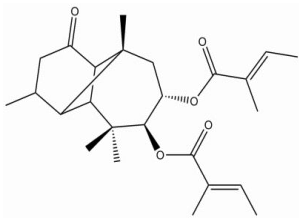
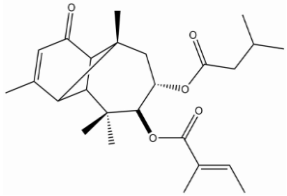
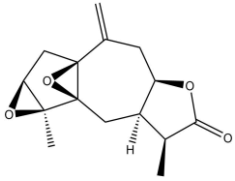
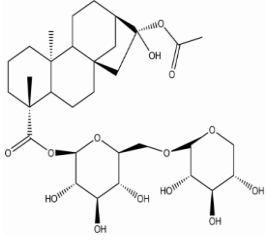
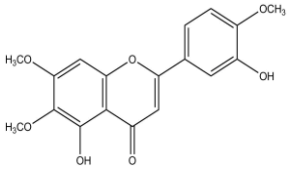
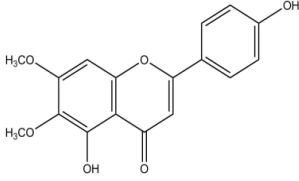
\*Correspondence: [vsulsen@ffyb.ub.ar](mailto:vsulsen@ffyb.ub.ar) (V.P.S)

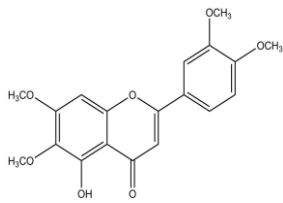
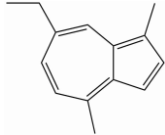
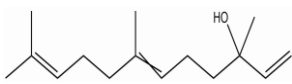
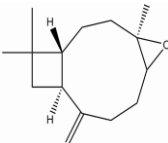
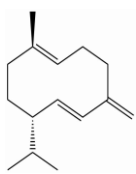
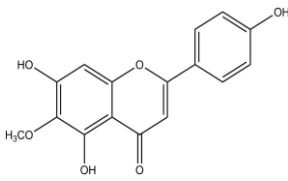
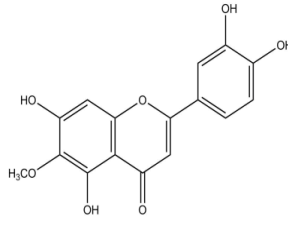
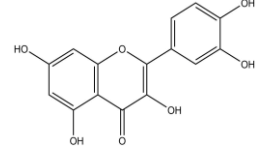
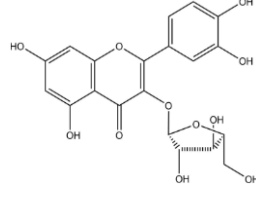
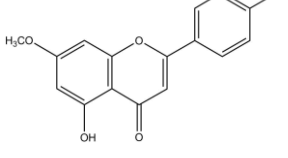
Table S1. Compounds isolated from *Stevia* species since 1998

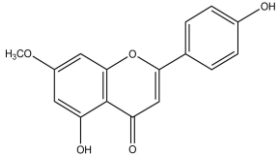
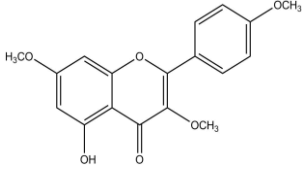
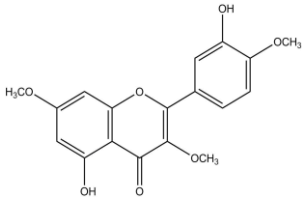
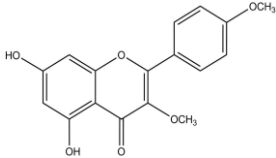
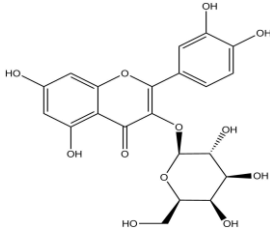
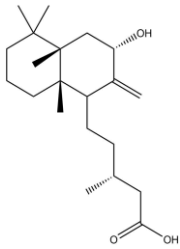
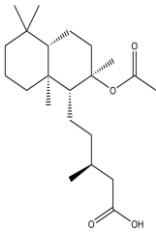
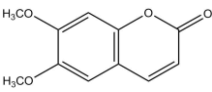
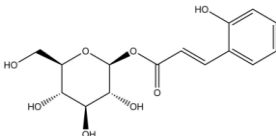
Species	Comp. N°	Type of compound	Common name	Structure	Reported activity	Ref.
<i>Stevia connata</i>	1	Longipinene	Longipinane-7 $\beta$ ,8 $\alpha$ ,9 $\alpha$ -triol-1-one 7-angelate-8-methylbutyrate		--	[18]
	2	Longipinane	Longipinane-7 $\beta$ ,8 $\alpha$ ,9 $\alpha$ -triol-1-one 8,9-diangelate		--	[18]
	3	Longipinene	Longipinane-7 $\beta$ ,8 $\alpha$ ,9 $\alpha$ -triol-1-one 7,9-diangelate		--	[18]
	4	Longipinene	Longipinane-7 $\beta$ ,8 $\alpha$ ,9 $\alpha$ -triol-1-one 7,8-diangelate		--	[18]
	5	Longipinene	Longipin-2-ene-7 $\beta$ ,8 $\alpha$ ,9 $\alpha$ -triol-1-one 7,8-diangelate		--	[18]
	6	Longipinene	Longipin-2-ene-7 $\beta$ ,8 $\alpha$ ,9 $\alpha$ -triol-1-one 8,9-diangelate		--	[18]
	7	Longipinene	Longipin-2-ene-7 $\beta$ ,8 $\alpha$ ,9 $\alpha$ -triol-1-one 8-angelate-9-methylbutyrate		--	[18]

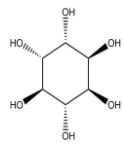
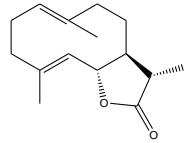
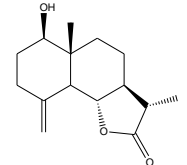
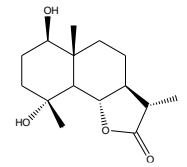
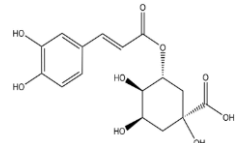
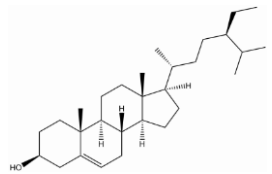
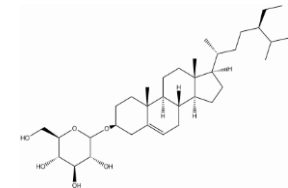
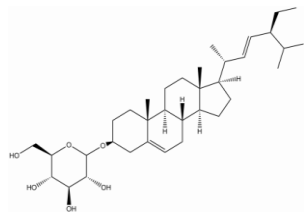
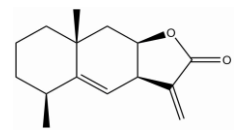
<i>S. subpubescens</i>	8	Longipinene	Longipin-2-ene-7 $\beta$ ,8 $\alpha$ ,9 $\alpha$ -triol-1-one 7-angelate-8-methylbutyrate		--	[18]
	9	sterol	Stigmasterol		--	[18]
	10	Diterpene	(4S,5S,6R,8S,9R,10S,13R)-9,13-Epoxy-14-labden-6,19-diol		--	[19]
	11	Diterpene	(4S,5S,8S,9R,10S,13R)-9,13-Epoxy-14-labden-19-ol		--	[19]
	12	Diterpene	(4S,5S,8S,9R,10S,13R)-9,13-Epoxy-14-labden-19-ol-6-one		--	[19]
	13	Diterpene	(4S,5R,8S,9R,10S,13R)-9,13-Epoxy-14-labden-19-oic acid		--	[19]
<i>S. viscida</i>	14	Diterpene	3,4 $\beta$ -epoxy-5 $\beta$ ,10 $\beta$ -cis-17 $\alpha$ ,20 $\alpha$ -clerod-13(14)-en-15,16-olide		--	[19]
	15	Triterpene	8,14-seco-oleana-8(26),13-dien-3 $\beta$ -ol		--	[20]

<i>S. eupatoria</i>	16	Triterpene	8,14-seco-oleana-8(26),13-dien-3 $\beta$ -acetate		--	[20]
<i>S. pilosa</i>	17	Longipinene	(4R,5S,7S,8S,9S,10R,11R,20S)-7-angeloyloxy-9-hydroxy-8-( $\alpha$ -methylbutyryloxy)-longipin-2-en-1-one		--	[21]
	18	Longipinene	(4R,5S,7S,8R,10R,11R,20S)-7-angeloyloxy-8-( $\alpha$ -methylbutyryloxy)-longipin-2-en-1-one		--	[21]
	19	Longipinene	--		--	[21]
	20	Longipinene	--		--	[21]
	21	Longipinene	--		--	[21]
	22	Longipinene	--		--	[21]

<i>S. monardifolia</i>	23	Longipinene	7 $\beta$ ,8 $\alpha$ -diangeloyloxylon gipin-2-en-1-one		--	[22]
	24	Longipinene	7 $\beta$ ,8 $\alpha$ -diangeloyloxylon gipinan-1-one		--	[22]
	25	Longipinene	7 $\beta$ -angeloyloxy-8 $\alpha$ -isovaleroyloxylon gipin-2-en-1-one		--	[22]
<i>S. tomentosa</i>	26	Sesquiterpene lactone	1,5:3,4-diepoxyguaia-10(14)-en-12,8-olide		--	[23]
<i>S. phlebophylla</i>	27	Diterpene glycoside	16 $\beta$ -hydroxy-17-acetoxy-ent-kauran-19-oic acid(6-O- $\beta$ -D-xylopyranosyl- $\beta$ -D-glucopyranosyl) ester		--	[24]
<i>S. satureiifolia</i> var. <i>satureiifolia</i>	28	Flavonoid	Eupatorin		Tripanocidal. Leishmanicidal	[25]
	29	Flavonoid	Cirsimaritin		Tripanocidal. Leishmanicidal	[25]

	30	Flavonoid	5-desmethylsinense tin		Tripanocidal. Leishmanicidal	[25]
<i>S. serrata</i>	31	Sesquiterpene	Chamazulene		Antinociceptive	[26]
	32	Sesquiterpene	(E)-nerolidol		Antinociceptive	[26]
	33	Sesquiterpene	caryophyllene oxide		Antinociceptive	[26]
	34	Sesquiterpene	germacrene D		Antinociceptive	[26]
<i>S. urticifolia</i>	35	Flavonoid	Hispidulin		Antioxidant. Antiproliferative	[27]
	36	Flavonoid	Nepetin		Antioxidant. Antiproliferative	[27]
	37	Flavonoid	Quercetin		Antioxidant. Antiproliferative	[27]
	38	Flavonoid heteroside	Avicularin or Quercetin-3-O-α-L-arabinofuranoside		Antioxidant. Antiproliferative	[27]
<i>S. subpubescens</i> var. <i>subpubescens</i>	39	Flavonoid	4'-O-methylsakuranetin		Antiinflammatory	[28]

s	40	Flavonoid	Sakuranetin		Antiinflammatory	[28]
	41	Flavonoid	3,7,4'-O-trimetilkaempterol		Antiinflammatory	[28]
	42	Flavonoid	Ayanin		Antiinflammatory	[28]
	43	Flavonoid	Ermanin		Antiinflammatory	[28]
	44	Flavonoid heteroside	Hyperin		Antiinflammatory	[28]
	45	Labdane	Cistenolic acid		Antiinflammatory	[28]
	46	Labdane	Labdanolic acid		Antiinflammatory	[28]
	47	Coumarin	Scoparone		Antiinflammatory	[28]
	48	Glucose ester of o-coumaric acid	Melilotoside		--	[28]

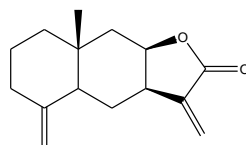
	49	glycoside	L-chiro inositol		--	[28]
<i>S. jorullensis</i>	50	Sesquiterpene lactone	11 $\beta$ ,13-dihydrocostunolide		--	[29]
	51	Sesquiterpene lactone	11 $\beta$ ,13-dihydroreynosin		--	[29]
	52	Sesquiterpene lactone	1 $\beta$ -dihydroxycolartin		--	[29]
	53	phenolic	Chlorogenic acid		--	[29]
	54	sterol	$\beta$ -sitosterol		--	[29]
	55	Steryl glycoside	$\beta$ -sitosterylglucopyranoside		--	[29]
	56	Steryl glycoside	Stigmasterylglucopyranoside		--	[29]
<i>S. lucida</i>	57	Sesquiterpene lactone	Alantolactone		Anti- <i>Trypanosoma cruzi</i> . Anti- <i>T. brucei</i> . Antineoplastic. Antimicrobial.	[30, 86, 87, 90]



58

Sesquiterpene  
lactone

Isoalantolactone



Anti-*Trypanosoma* [30, 86,  
*cruzi*. 87, 90]  
Anti-*T. brucei*.  
Antineoplastic.  
Antimicrobial.

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