SUPPLEMENTARY MATERIAL

Polyphenol and triterpenoid constituents of *Eugenia florida* DC. (MYRTACEAE) leaves and their antioxidant and cytotoxic potential

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Table 1S. Main secondary metabolite classes detected in *Eugenia florida* leaves by Thin Layer Chromatography

Fractions[a]	Triterpene	Phenolic acid	Flavonoid	Hydrolysable tannin	Ellagitannin	Condensed tannin
Hexane	d	nd	nd	nd	nd	nd
Chloroform	d	d	nd	nd	nd	nd
Ethyl Acetate	nd	d	d	nd	nd	nd
Butanol	nd	d	d	nd	nd	nd
Water	nd	d	nd	nd	nd	nd

[a]From liquid-liquid partition of the ethanol leaf extract. d = detected; nd = not detected. See experimental section for TLC conditions.

Table 2S. Compounds identified by GC-MS in the hexane and chloroform fractions from the ethanol leaf extract of *Eugenia florida* by Wiley and NIST Mass Spectral Library online

Compounds	Retention time (min)	Fractions	
		Hexane	Chloroform
Glycerol- 3 TMS	4.63	n.d	d
α-Cubebene	5.25	d	n.d.
α-Copaene	5.46	d	n.d.
β-Cubebene	5.83	d	n.d.
Aromadendrene	5.91	d	n.d.
α-Amorphene	6.11	d	n.d.
α-Muurolene	6.24	d	n.d.
1*S*,*cis*-calamenene	6.40	d	n.d.
α-Cadinene	6.49	d	n.d.
Arabinopyranose, 4 TMS	6.91	n.d.	d
L-Rhamnose, 4 TMS	6.98	n.d.	d
Cadina-1,4-diene	7.05	d	n.d.
D-Ribose, TMS	7.10	n.d.	d
L-rhamnose 4TMS	7.40	n.d.	d
Per-trimethylsilyldehydro derivative of glucose	7.76	d	d
Protocatechoic acid, 3TMS	8.02	n.d.	d
β-D-Galactofuranose, 4 TMS	8.05	n.d.	d
2,6,10-trimethyl,14-ethylene-14-pentadecene	8.09	d	n.d.
Tetradecanoic acid, TMS	8.09	n.d.	d
L-altrose, 5 TMS	8.19	n.d.	d
D-Galactose, 5 TMS	8.29	n.d.	d
β-D-Galactopyranoside, methyl 2,3,4-tris-*O*-	8.40	n.d.	d
D-Glucose, 5 TMS	8.47	n.d.	d
p-Coumaric acid, 2 TMS	8.63	n.d.	d
Gallic acid, 4 TMS	8.74	n.d.	d
Hexadecanoic acid, ethyl ester	8.82	d	n.d.
Methyl 14-methylhexadecanoate	8.99	n.d.	d
Hexadecanoic acid, TMS ester	9.08	d	d
Ferulic acid, 3 TMS	9.36	d	d
Octadecanoic acid, methyl ester	9.46	n.d.	d
Heptadecanoic acid, TMS ester	9.54	d	d
Phytol, TMS	9.70	d	n.d.
Oleic acid, TMS	9.88	d	d
Octadecanoic acid, TMS	9.99	d	d
Methyl eicosan-8(*Z*),11(*Z*),14(*Z*)-trienoate	11.9	d	n.d.
2,6,10,14,18,22-Tetracosahexaene, 2,6,10,15,19,23-hexamethyl- (squalene)	12.6	d	n.d.

Table 2S. (Continuation)

Compounds	Retention time	Fractions	
	(min)	Hexane	Chloroform
Nonacosane	12.9	d	n.d.
Octadecanoic acid, TMS	14.1	d	n.d.
Norolean-12-ene	17.8	d	n.d.
β-Sitosterol, 1 TMS	17.55	d	n.d.
Lupeol, TMS	18.43	d	n.d.
Lupane-type triterpenoid	19.18	n.d.	d
Erythrodiol, 2 TMS	20.06	n.d.	d
Uvaol, 2 TMS	20.70	n.d.	d
Ursane-type triterpenoid, TMS	20.71	d	n.d.
Betulin	21.04	d	n.d.
Betulonic acid, TMS	21.19	d	n.d.
Oleanolic acid, 2TMS	21.40	d	d
Betulinic acid, 2 TMS	21.94	d	d
Betulinic aldehyde, TMS	22.87	d	n.d.
Ursolic acid, 2 TMS	22.47	d	d
Platanic acid, 2 TMS	24.86	n.d.	d
1-Hydroxy or 2-hydroxyursolic acid, 2TMS	25.19	n.d.	d

The sesquiterpenes were characterized by > 95% mass spectrum similarity with the library reference. d = detected; n.d. = not detected.