antioxidants

MDPI

Supplementary Materials: Is caperatic acid the only compound responsible for activity of lichen *Platismatia glauca* within the nervous system?

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Table S1. Chemical shifts data of caperatic acid in acetone-d_6 (^{1}H-, ^{13}C NMR; 700 MHz).

Position	Caperatic acid			
	δ C(ppm)	δ H(ppm)	multiplicity, *J* in Hz	
1	169.93	-	-	-
2	40.32	3.10	d (16.1)	2H
		2.76	d (16.8)	
3	74.85	-	-	-
4	52.27	2.67	dd (11.9, 2.8)	H
5-17	21.90-31.26	1.30	bs	26H
18	12.98	0.86	t	3H
19	173.43	-	-	-
20	172.49	-	-	-
21	50.45	3.60	s	3H

d - doublet; dd - doublet of doublet; s - singlet; bs - broad singlet; t – triplet. ^{1}H- and ^{13}C-NMR spectra were recorded at 700 MHz on a Bruker AVANCE III 700 NMR spectrometer. Data was comparable to the published values (Huneck & Yoshimura 1996).

Table S2. Selected characteristic bands of DCM, Ace, MeOH, MeOH-H_2O, H_2O extract, caperatic acid, atranorin and methyl β-orcinolcarboxylate.

Extract		Caperatic acid	Atranorin	Methyl β-orcinolcarboxylate
DCM extract	536	536		
	795		795	
	808		808	
	941	941		
	1028			1028
	1074		1070	
	1113	1113		
	1155			1155
	1369	1369		

	1410	1410			
	1447	1447			
	1576		1576		
	1620		1620		
	1682	1682			
	1740	1740			
	2849	2849			
	2884	2884			
	2916	2916			
	2957	2957			
Ace extract	534	534			
	642	642			
	721	721			
	795	795			
	853	853			
	941	941			
	1078		1070		
	1111		1107		
	1153		1161		
	1182	1182			
	1250	1250			
	1261		1260		
	1287	1287			
	1304	1304			
	1369	1369			
	1410	1410			
	1447	1447			
	1578		1574		
	1618		1620		
	1647		1653		
	1686	1686			
	1738	1738			
	2849	2849			
	2884	2884			
	2914	2914			
	2957	2957			
MeOH extract	640	640			
	862		862		
	937				937
	986				986
	1207		1204		
	1368				1366

	1410	1410		
	1445	1445		
	1618		1620	
	1651		1653	
	1686	1684		
	1734	1740		
	2849	2849		
	2884	2884		
	2918	2918		
MeOH-H_2O extract	1250	1250		
	1368	1369		
	1408	1410		
	1682	1684		
	1734	1738		
	2849	2849		
	2884	2884		
	2916	2916		
H_2O extract	870	856		
	1082	1082		
	1404			
	1672	1672		
	1724	1724		