

Antiviral activity of the Oseltamivir and *Melissa officinalis* L. essential oil against avian influenza A virus (H9N2)

VirusDisease

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Table I. Chemical composition of *Melissa officinalis* essential oil

Peak	Compound	Area (%)	KI ^a
1	Linalool	1.879081	1084
2	Citronellal	0.714051	1129
3	Isopulegol-iso	2.466294	1159
4	Neral	19.19012	1220
5	Geranial	26.80979	1251
6	Methyl geranate	0.648283	1300
7	Geranyl acetate	4.566167	1361
8	Unknown	0.850284	1368
9	Caryophyllene-E	11.34965	1415
10	Humulene- α	1.052285	1445
11	Amorphene- δ	0.436886	1511
12	Caryophyllene oxide	11.8523	1566
13	Viridiflorol	1.916663	1574
14	Humulene-epoxide II	0.671772	1586
15	Caryophylla-4(12),8(13)-dien-5 α -ol	0.742237	1613
16	Unknown	1.263682	1648
17	Tetradecanoic acid	0.714051	1747
18	1,2-Benzenedicarboxylic acid, bis(2-methylpropyl) ester	0.197304	1822
19	2-Pentadecanone, 6,10,14-trimethyl-	0.610701	1829
20	N-Hexadecanoic acid	8.427679	1958
21	13-Epimanool	1.592521	2032
22	1,3,5-Cycloheptatriene, 2,4-dihexyl-7,7-dimethyl	1.10396	2081
23	Phytol	0.944238	2097