Supplementary Information

Myrica rubra ameliorated hypertension via inhabiting GLUT 1 and activating NO/Akt/eNOS signalling pathway

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Fig. S1. Chemical structures of main components identified in the extract of Myrica rubra.

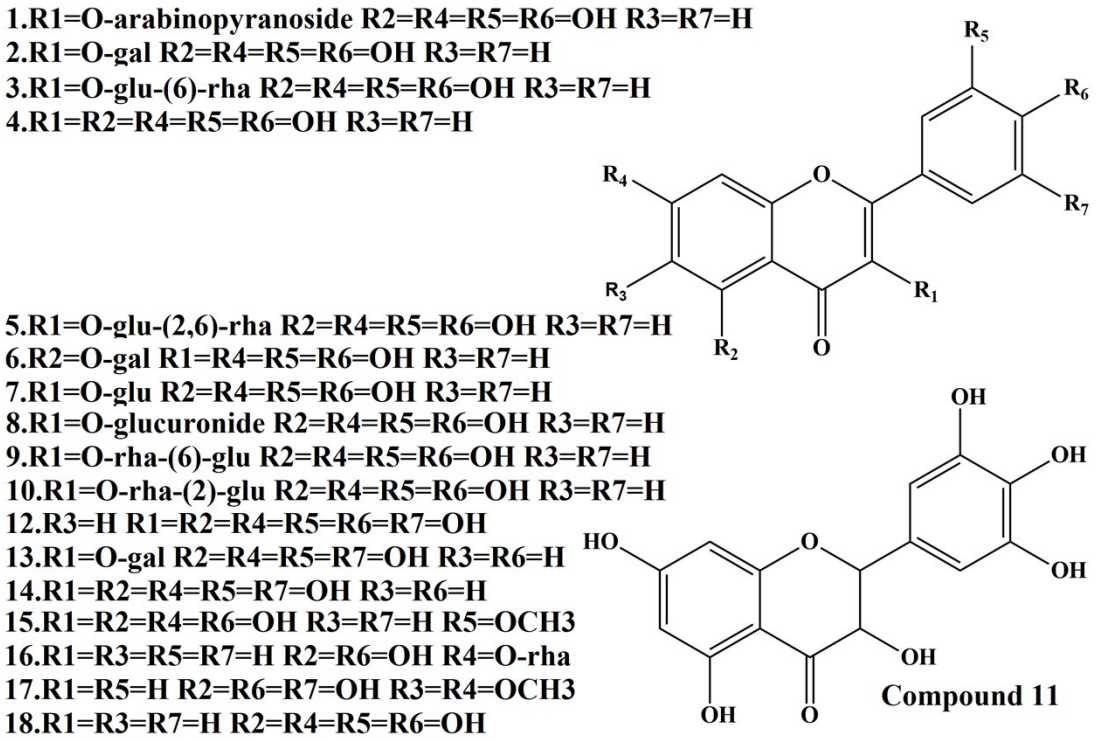
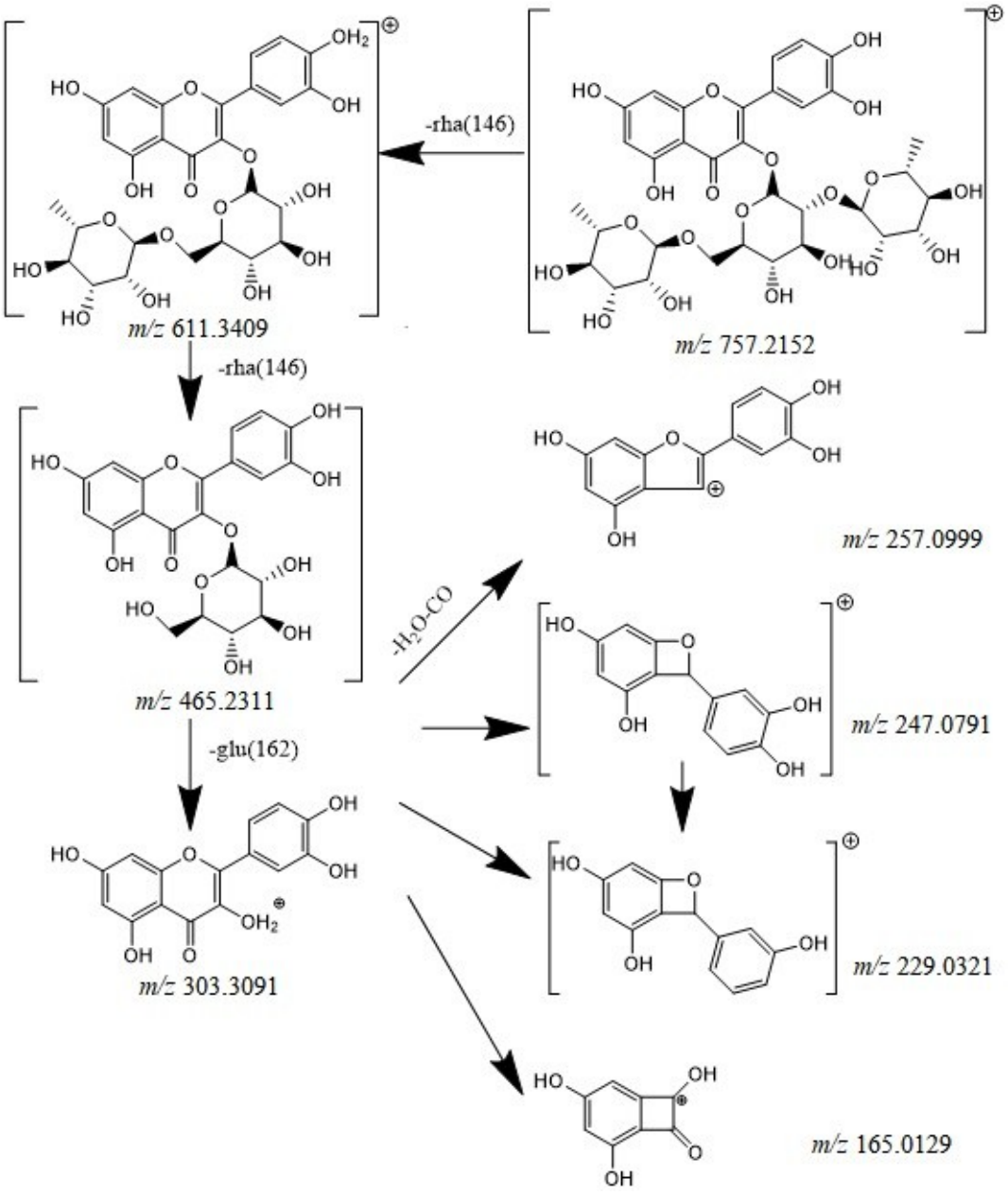


Fig. S2 Proposed fragmentation patterns pathway of quercetin-3-O-2', 6'-



dirhamnosylglucoside.

Fig. S3 The cellular viability of H2O2-induced HUVECs injury with compounds 1, 3, 4, 7, 8, 9, 11, 12, 19, 21, 23, 27 at different concentrations.

No.	Survival(0.02 mg/ml)	Survival(0.2 mg/ml)	Survival(2 mg/ml)	Survival(20 mg/ml)
1	42.71	53.74	64.56	72.61
3	56.36	72.80	89.52	93.69
4	61.43	80.74	91.29	94.13
7	47.57	59.77	57.47	61.69
8	32.57	41.08	44.95	46.46
9	46.37	58.18	73.91	80.52
11	59.32	78.84	88.21	90.74
12	64.35	77.18	93.73	95.77
19	19.71	21.61	21.55	22.11
21	23.17	22.80	23.80	19.46
23	42.15	65.58	78.92	86.29
27	40.68	58.18	83.69	89.68