

Table S1. Characteristics of standard substance of nine flavones by UPLC-ESI-MS/MS

Standard substance	Retention (min)	Molecular Formula	Precursor Adduct	MS(error(ppm)) <i>m/z</i>	MS/MS fragments ions <i>m/z</i>
Scutellarin	7.15	C ₂₄ H ₂₅ O ₁₁	[M-H] ⁻	461.0706	285.0388,239.0337,175.0240,136.9872,113.0238
Scutellarein	8.64	C ₁₅ H ₁₀ O ₆	[M-H] ⁻	285.0389	267.0313,239.0337,137.0236,117.0340
Baicalin	9.00	C ₂₂ H ₂₀ O ₁₀	[M+H] ⁺	447.0885	271.0581,253.0477,225.0530,169.0121,123.0068
Wogonoside	10.40	C ₂₃ H ₂₂ O ₁₀	[M+H] ⁺	461.1042	285.0736,270.0504,186.0146,168.0043
Apigenin	10.6	C ₁₅ H ₁₀ O ₅	[M+H] ⁺	271.0580	153.0170,119.0483
Baicalein	11.19	C ₁₅ H ₁₀ O ₅	[M+H] ⁺	271.0580	254.2460,169.0121,123.0068,100.0750
Wogonin	12.72	C ₁₆ H ₁₂ O ₅	[M-H] ⁻	283.0596	268.0361,239.0336,184.0518,165.9897,163.0027,110.0003
Chrysin	12.91	C ₁₅ H ₁₀ O ₄	[M-H] ⁻	253.0377	209.0596,143.0494,107.0132
Oroxylin A	13.15	C ₁₆ H ₁₂ O ₅	[M-H] ⁻	283.0598	268.0363,239.0334,211.0393,184.0519,165.9899,163.0034, 110.0003