

Supplementary Table 1 MS data of the characterized compounds from RCNSP extract by UPLC-MS/MS

Name	Formula	m/z	RT [min]	mzCloud Best Match	mzVault Best Match	Area: RCNSP
Emodin-3-me thyl ether/Physcio n	C ₁₆ H ₁₂ O ₅	283.061 86	15.24 4	99.2	81.3	2513463.491
Hyperoside	C ₂₁ H ₂₀ O ₁₂	465.103 12	8.8	94.4	75.9	2663588.86
Rutin	C ₂₇ H ₃₀ O ₁₆	609.146 97	8.543	93.9	86.4	1050844.488
Scopoletin	C ₁₀ H ₈ O ₄	193.049 76	8.841	97.8	91.9	10717813.26
Betaine	C ₅ H ₁₁ NO ₂	118.085 82	0.96	99.7	87.4	184722387.1
Genkwanin	C ₁₆ H ₁₂ O ₅	285.076 02	15.22 7	99.2	84.9	2719585.321
Trigonelline HCl	C ₇ H ₇ N O ₂	138.054 78	0.99	99.9	85.5	33964073.52
Adenosine	C ₁₀ H ₁₃ N ₅ O ₄	268.104 43	2.354	99.9	88.5	53935809.27
Caffeic acid	C ₉ H ₈ O ₄	179.035 83	7.194	97.5	85.5	1041271.647

α -Linolenic	$C_{18}H_{30}$	279.232	19.39			
acid	O_2	24	4	96.7	94.3	3928109.564
Chlorogenic	$C_{16}H_{18}$	355.102				
acid	O_9	45	6.681	94.9	77.7	10215515.83
6-Hydroxyind	C_8H_7N	134.060				2605576.041
ole	O	13	6.464	96	76.8	67456
