

Table S2. The flavonoid standards used in this study.

No.	Standard name	Molecular formula	Molecular mass	CAS No.	Purity	Purchase source*
S1	Eriocitrin	C ₂₇ H ₃₂ O ₁₅	596.5321	13463-28-0	≥ 98.0 %	1
S2	Rutin	C ₂₇ H ₃₂ O ₁₄	580.5319	14259-46-2	≥ 98.0 %	1
S3	Naringin	C ₂₁ H ₂₂ O ₈	580.5319	10236-47-2	≥ 98.0 %	1
S4	Hesperidin	C ₂₈ H ₃₄ O ₁₅	610.5628	520-26-3	≥ 98.0 %	1
S5	Diosmin	C ₂₈ H ₃₂ O ₁₅	608.5433	520-27-4	≥ 98.0 %	1
S6	Didymin	C ₂₈ H ₃₄ O ₁₄	594.5674	14259-47-3	≥ 98.0 %	1
S7	Neohesperidin	C ₂₈ H ₃₄ O ₁₅	610.5619	13241-33-3	≥ 95.0 %	2
S8	Hesperetin	C ₁₆ H ₁₄ O ₆	302.2835	520-33-2	≥ 95.0 %	1
S9	Naringenin	C ₁₅ H ₁₂ O ₅	272.2534	480-41-1	≥ 95.0 %	1
S10	Isosinensetin	C ₂₀ H ₂₀ O ₇	372.3686	17290-70-9	≥ 98.0 %	1
S11	Sinensetin	C ₂₀ H ₂₀ O ₇	372.3686	2306-27-6	≥ 98.0 %	2
S12	3',4',5,7 - Tetrathoxyflavone	C ₁₉ H ₁₈ O ₆	342.3403	855-97-0	≥ 97.0 %	3
S13	4',5,6,7 - Tetrathoxyflavone	C ₁₉ H ₁₈ O ₆	342.3403	1168-42-9	≥ 98.0 %	4
S14	Nobiletin	C ₂₁ H ₂₂ O ₈	402.3949	478-01-3	≥ 98.0 %	1
S15	3',4',3,5,6,7,8- Hetamethoxyflavone	C ₂₂ H ₂₄ O ₉	432.4355	1178-24-1	> 98.0%	4
S16	4',5,7- Trimethoxyflavone	C ₁₈ H ₁₆ O ₅	312.3277	5631-70-9	≥ 98.7 %	3
S17	5-Hydroxy-6,7,8,3',4'- pentamethoxyflavone	C ₂₀ H ₂₀ O ₈	388.3716	2174-59-6	≥ 98.0 %	4
S18	Tangeretin	C ₂₀ H ₂₀ O ₇	372.3686	481-53-8	≥ 98.0 %	1

*1-Chroma Dex; 2- Sigma-Aldrich; 3- Chengdu Chroma-Biotechnology Co., Ltd.; 4- Chengdu Biopurify Phytochemicals Ltd.