

1 Table S1 Characterization of tyrosinase binders in *P. lobata* by HPLC-Q-TOF-MS

No.	Identification	Formula	[M+H] ⁺	MS ⁿ
1	puerarin	C ₂₁ H ₂₀ O ₉	417.1170	399.1060 351.0851 297.0747
2	Puerarin-6"-O-xyloside	C ₂₆ H ₂₈ O ₁₃	549.1590	417.1164
3	daidzin	C ₂₁ H ₂₀ O ₉	417.1170	255.0642
4	3'-hydroxypuerarin	C ₂₁ H ₂₀ O ₁₀	433.1121	415.1009 397.0904 313.0695 379.0798 367.0800 337.0694
5	genistin	C ₂₁ H ₂₀ O ₁₀	433.1121	271.0592
6	6"-O-Acetyldaizidin	C ₂₃ H ₂₂ O ₁₀	459.1277	255.0643
7	daidzein	C ₁₅ H ₁₀ O ₄	255.0645	238.5058 228.0726 200.0779 138.0262

2