

Table S1 Bioactive components of dandelion

NO.	Component	Molecular formula
1	11 β ,13-dihydrotaraxinic acid	C ₁₅ H ₂₀ O ₄
2	11 β ,13-dihydrotaraxinic acid β -glucopyranosyl ester	C ₂₁ H ₃₀ O ₉
3	1,6,6-trimethyl-7-(3-oxobut-1-enyl)-3,8-dioxatricyclo[5.1.0.0(2,4)]octan-5-one	C ₁₃ H ₁₆ O ₄
4	2-furfural	C ₅ H ₄ O ₂
5	2-T-butyl-5-methyl-[1,3]dioxolane-4-carboxylic acid	C ₉ H ₁₆ O ₄
6	3-carene,4-acetyl	C ₁₂ H ₁₈
7	3-methoxy-4-hydroxybenzaldehyd	C ₈ H ₈ O ₃
8	4-hydroxy-4-methyl-2-pentanone	C ₆ H ₁₂ O ₂
9	5,10-diethoxy-2,3,7,8-tetrahydro-1H,6H-dipyrrolo[1,2-A.1',2'-D]pyrazine	C ₁₄ H ₂₂ N ₂ O ₂
10	6-acetyl-4,4,7-trimethylbicyclo[4.1.0]heptan-2-one	C ₁₂ H ₁₈ O ₂
11	arsanin	C ₁₅ H ₂₂ O ₄
12	artecalin	C ₁₅ H ₂₀ O ₄
13	benzenecarboxylic acid	C ₇ H ₆ O ₂
14	beta-sitosterol	C ₂₉ H ₅₀ O
15	caffeic acid	C ₉ H ₈ O ₄
16	chlorogenic acid	C ₁₆ H ₁₈ O ₉
17	choline	C ₅ H ₁₄ NO ⁺
18	Chrysanthemaxanthin	C ₄₀ H ₅₆ O ₃
19	cichoric acid	C ₂₂ H ₁₈ O ₁₂
20	desacetylmatricarin	C ₁₅ H ₁₈ O ₄
21	esculetin	C ₉ H ₆ O ₄
22	Ethyl caffeate	C ₁₁ H ₁₂ O ₄
23	ethyl p-hydroxyphenylacetate	C ₁₀ H ₁₂ O ₃
24	Flavoxanthin	C ₄₀ H ₅₆ O ₃
25	inositol	C ₆ H ₁₂ O ₆
26	inulin	C ₂₂₈ H ₃₈₂ O ₁₉₁
27	linolenic acid	C ₁₈ H ₃₀ O ₂
28	luteolin-7-O-galactoside	C ₂₁ H ₂₀ O ₁₁
29	manganese	Mn
30	Methyl caffeate	C ₁₀ H ₁₀ O ₄
31	molybdenum	Mo
32	myristic acid	C ₁₄ H ₂₈ O ₂
33	palmitic acid	C ₁₆ H ₃₂ O ₂
34	phenylacetic acid	C ₈ H ₈ O ₂
35	p-hydorxyphenylacetic acid	C ₉ H ₈ O ₃
36	p-hydroxybenzoate	C ₇ H ₅ O ₃
37	p-hydroxyphenylpropionic acid	C ₉ H ₁₀ O ₃
38	protocatechuic aldehyde	C ₇ H ₆ O ₃
39	quercetin	C ₁₅ H ₁₀ O ₇
40	rutin	C ₂₇ H ₃₀ O ₁₆

Table S1 (continuation table) Bioactive components of dandelion

41	scopoletin	C ₁₀ H ₈ O ₄
42	sonchuside a	C ₂₁ H ₃₂ O ₈
43	stearic acid	C ₁₈ H ₃₆ O ₂
44	(+)-Syringaresinol	C ₂₂ H ₂₆ O ₈
46	taraxacerin	C ₁₅ H ₁₄ O ₃
47	taraxacoside	C ₁₈ H ₂₂ O ₁₀
48	taraxasterol	C ₃₀ H ₅₀ O
49	taraxasterol acetat	C ₃₂ H ₅₂ O ₂
50	taraxasterol palmitate	C ₄₆ H ₈₀ O ₂
51	Taraxerol	C ₃₀ H ₅₀ O
52	taraxinic acid	C ₁₅ H ₁₈ O ₄
53	Taraxinic acid-1'-o-β-d-glucopyranoside	C ₂₁ H ₂₈ O ₉
54	taraxinic acid β-glucopyranosyl ester	C ₂₁ H ₂₈ O ₉
55	trans-p-coumaryl alcohol	C ₉ H ₁₀ O ₂
56	trans-p-coumaryl aldehyde	C ₉ H ₈ O ₂