

Phytochemicals from *Anneslea fragrans* Wall. and Their Hepatoprotective and Anti-Inflammatory Activities

Yan Wang^{1,†}, **Changshu Cheng**^{1,†}, **Tianrui Zhao**¹, **Jianxin Cao**¹, **Yaping Liu**¹,
Yudan Wang², **Wenbing Zhou**³ and **Guiguang Cheng**^{1,*}

¹ Faculty of Food Science and Engineering, Kunming University of Science and Technology, Kunming 650500, China; 20212114040@stu.kust.edu.cn (Y.W.); chengchangshu0409@163.com (C.C.); food363@163.com (T.Z.); jxcao321@hotmail.com (J.C.); liuyaping@kust.edu.cn (Y.L.)

² Key Laboratory of Chemistry in Ethnic Medicinal Resources, State Ethnic Affairs Commission and Ministry of Education, Yunnan Minzu University, Kunming 650500, China; sdlewyd@163.com

³ Yunnan Tobacco Company, Yuxi Branch, Yuxi 653100, China; yaowufx2001@163.com

* Correspondence: ggcheng@kmust.edu.cn

† These authors contributed equally to this work.

Contents of Supporting Information

No	Contents	Page
1	Table S1: The cytotoxic effect of compounds on the survival rate of HepG2 cells	3
2	Table S2: Effects of isolated compounds on the survival rate of RAW264.7 cells	4

Table S1. The cytotoxic effect of compounds on the survival rate of HepG2 cells.

Compounds	Concentration(μ M)		
	50	100	150
1	96.73 \pm 3.33	94.33 \pm 2.72	92.36 \pm 4.27
2	113.92 \pm 1.14	108.91 \pm 3.21	97.54 \pm 2.45
3	98.66 \pm 2.76	94.64 \pm 4.48	88.36 \pm 2.41
4	113.94 \pm 5.24	102.15 \pm 3.25	96.18 \pm 3.64
5	99.35 \pm 3.26	95.25 \pm 4.26	93.23 \pm 2.52
6	114.11 \pm 2.42	107.23 \pm 3.54	102.1 \pm 1.53
7	105.79 \pm 3.36	101.04 \pm 3.21	96.75 \pm 0.74
8	113.93 \pm 5.44	105.85 \pm 2.24	104.37 \pm 1.32
9	103.72 \pm 2.73	91.95 \pm 0.66	79.45 \pm 0.89
10	93.27 \pm 1.14	96.18 \pm 0.89	93.93 \pm 1.70
11	103.07 \pm 3.13	103.71 \pm 1.21	99.61 \pm 2.43
12	107.13 \pm 1.27	108.87 \pm 3.20	103.95 \pm 1.09
13	103.14 \pm 1.37	102.44 \pm 4.73	98.47 \pm 2.14
14	105.05 \pm 0.68	105.14 \pm 1.12	101.54 \pm 0.98
15	101.15 \pm 2.78	101.82 \pm 0.96	101.16 \pm 1.58
16	96.75 \pm 2.31	96.34 \pm 2.26	98.23 \pm 3.16
17	93.12 \pm 1.36	96.51 \pm 1.52	92.27 \pm 0.75
18	102.37 \pm 1.21	102.41 \pm 1.88	95.06 \pm 0.85

Table S2. Effects of isolated compounds on the survival rate of RAW264.7 cells.

Compounds	Concentration(μ M)		
	50	100	200
1	96.73 \pm 3.33	96.31 \pm 2.72	95.36 \pm 2.22
2	94.92 \pm 1.14	98.91 \pm 2.27	97.74 \pm 2.42
3	98.66 \pm 2.76	94.64 \pm 3.48	98.36 \pm 2.41
4	103.94 \pm 5.24	98.15 \pm 3.25	96.18 \pm 2.64
5	94.35 \pm 3.22	95.47 \pm 2.21	94.23 \pm 1.98
6	94.12 \pm 2.45	73.23 \pm 1.54	36.12 \pm 1.53
7	95.79 \pm 2.78	101.04 \pm 2.24	96.75 \pm 0.74
8	93.93 \pm 3.13	85.85 \pm 1.34	70.37 \pm 1.62
9	98.72 \pm 2.73	71.95 \pm 1.62	57.32 \pm 1.82
10	103.92 \pm 1.92	101.69 \pm 2.11	102.69 \pm 3.17
11	103.07 \pm 4.13	97.71 \pm 1.43	97.61 \pm 2.43
12	107.13 \pm 1.27	98.87 \pm 3.24	86.59 \pm 1.33
13	101.05 \pm 0.68	98.14 \pm 1.12	98.54 \pm 1.67
14	96.75 \pm 2.31	96.34 \pm 2.26	98.23 \pm 3.16
15	93.27 \pm 1.14	96.18 \pm 2.89	93.93 \pm 2.73
16	101.77 \pm 1.52	98.59 \pm 1.76	96.75 \pm 0.48
17	93.12 \pm 1.36	96.51 \pm 1.52	92.27 \pm 0.75
18	102.67 \pm 0.85	94.56 \pm 1.36	95.83 \pm 1.51