

1 Supplementary material

2 The following are the Supplementary data to this article:

3 **Supplementary data 1.a.** Changes of rat's body weight in normoglycemic animals

1. Experimental group	Body weight before treatment (g) (BW before (g)±SD)	Body weight after treatment (g) (BW after (g)±SD)	The difference in body weight (g) (BW difference(g)±SD)
Control	225±5 ^b	242±4 ^b	18±2 ^a
<i>G. pfeifferi</i> , EtOH	219±10 ^b	234±12 ^b	15±6 ^a
<i>G. pfeifferi</i> , H ₂ O	322±13 ^a	323±21 ^a	1.2±0.1 ^b
<i>G. resinaceum</i> , EtOH	235±21 ^b	248±23 ^b	13±2 ^a
<i>G. resinaceum</i> , H ₂ O	237±22 ^b	253±20 ^b	16±2 ^a

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5 **Supplementary data 1.b.** Changes of rat's body weight in animals with alloxan-induced diabetes

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2. Experimental group	Body weight before treatment (g) (BW before (g)±SD)	Body weight after treatment (g) (BW after (g)±SD)	The difference in body weight (g) (BW difference(g)±SD)
Alloxan	340±26 ^a	327±24 ^a	13±6 ^a
alloxan + <i>G. pfeifferi</i> , EtOH	273±51 ^b	266±45 ^a	7±4 ^a
alloxan + <i>G. pfeifferi</i> , H ₂ O	281±48 ^a	271±45 ^a	10±5 ^a
alloxan + <i>G. resinaceum</i> , EtOH	273±28 ^b	260±25 ^b	13±2 ^a
alloxan + <i>G. resinaceum</i> , H ₂ O	272±33 ^b	260±35 ^b	12±4 ^a

7 BW, body weight; SD, standard deviation

8 Data are reported as mean ± SD of triplicates

9 ^{a, b} different letters in the same column indicate significant difference between extracts (Tukey's test,

10 p<0.01)