

**Table S1.** XO inhibitory activity of inhibitors identified from *C. morifolium* extracts.

Inhibitor	XO inhibition (%)
Homovanillic acid	30.00 ± 2.18 <sup>c</sup>
<i>Trans</i> -cinnamic acid	57.63 ± 6.00 <sup>b</sup>
Kaempferol	81.87 ± 3.31 <sup>a</sup>
Apigenin	56.60 ± 1.77 <sup>b</sup>
Ethyl acetate fraction	34.92 ± 1.27 <sup>c</sup>
Allopurinol	96.48 ± 2.40 <sup>a</sup>

Values are expressed as mean ± SEM. The data was performed in triplicates (n = 3). Means with different superscript letters show significant difference ( $p \leq 0.05$ , ANOVA, Tukey HSD's Post Hoc Test). Percentage of inhibition was measured at 100 µg/mL.