

Supplementary Materials

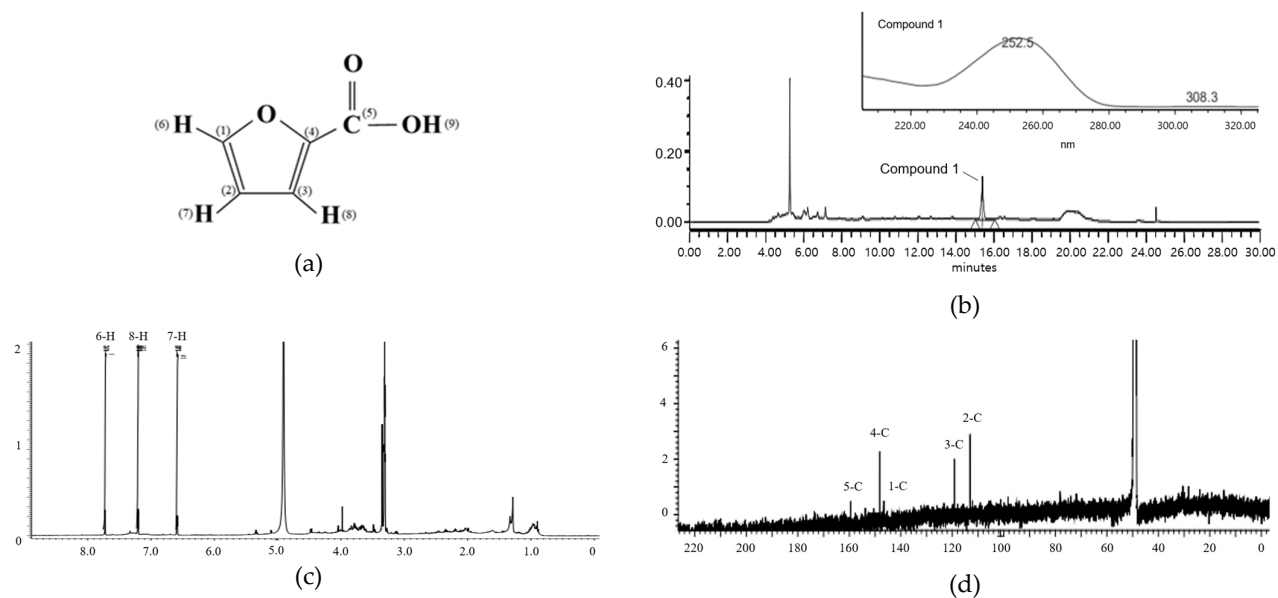


Figure S1. Structure of 2-furoic acid from HR1901-W (a). Chromatogram and PDA spectrum of *Benincasa hispida* extract (HR1901-W) separated and fractionated by preparative HPLC (b). HPLC ^1H -NMR and ^{13}C -NMR spectra (c, d) of HR1901-W.

Table S1. The content of 2-furoic acid in HR1901-W.

Compound	Regression Equation	R ²	Linear Range (μg/mL)	RSD (%)	Content of 2-furoic acid in HR1901-W (mg/g)
2-Furoic acid	$y = 61103x + 18835$	1	6.25-100	1.82	0.37±0.01

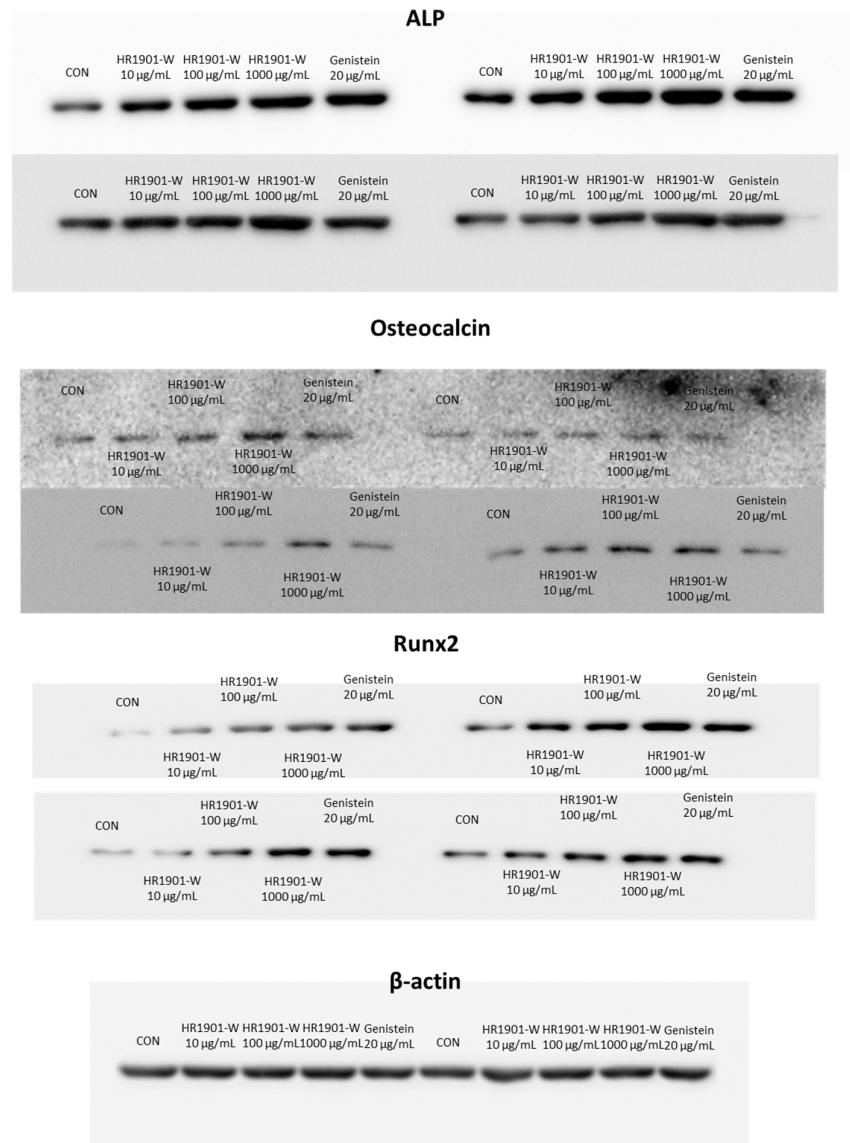


Figure S2. Original blots of Western blot. Original blots of Figure 4.