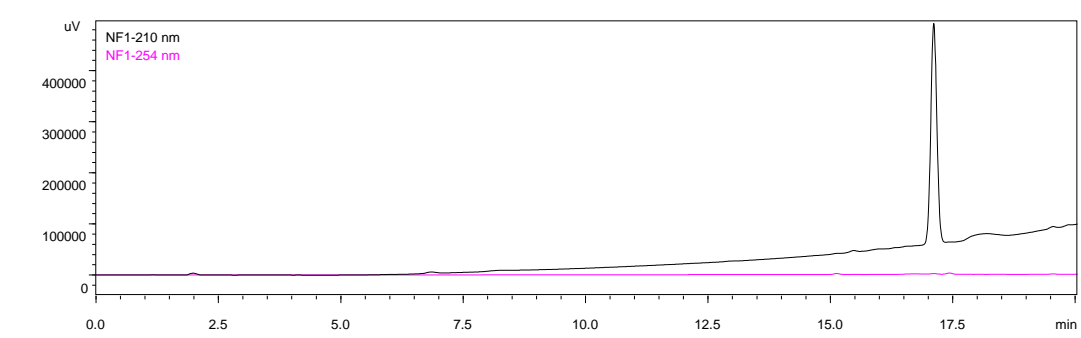


Supplementary information

Supplementary Fig.1 Purity analysis of niga-ichigoside F1 by RP-HPLC. Purity of niga-ichigoside F1 was determined by RP-HPLC (Shimadzu LC-20AT) equipped with an SPD-20A spectrophotometer using Inert Sustain (5 μ m 4.6 \times 150mm) column. The isolated niga-ichigoside F1 (t_R 17.112 min) was eluted with MeOH/H₂O gradient (10-100% in 20 min), which suggested its purity more than 95% in 210 nm.

Supplementary Fig.2 Cell viability and lipid accumulation in HepG2 cells. Effects of FFA on cellular viability (as % of control) of HepG2 cells as measured by MTT assay (A) and LDH leakage assay (B). Effects of FFA on lipid accumulation in HepG2 cells (C). Effects of NI on cellular viability (as % of control) of 1 mM FFA treated HepG2 cells as measured by MTT assay (D) and LDH leakage assay (E). Incubations were performed for 24 h with different concentrations of FFA or NI or the combination. All data were from three to five independent experiments performed in duplicate and results were represented as mean \pm SEM. $\star p < 0.05$ vs. control group; $\blacklozenge p < 0.05$ between different concentrations of FFA-treated groups; $\bullet p < 0.05$ vs. 1mM FFA-treated group.

Supplementary Fig.1



Supplementary Fig.2

