

Supporting Information

Ginnalin A from Kujin tea (*Acer tataricum* subsp. *ginnala*) exhibits colorectal cancer chemoprevention effect via activation of Nrf2/HO-1 signaling pathway

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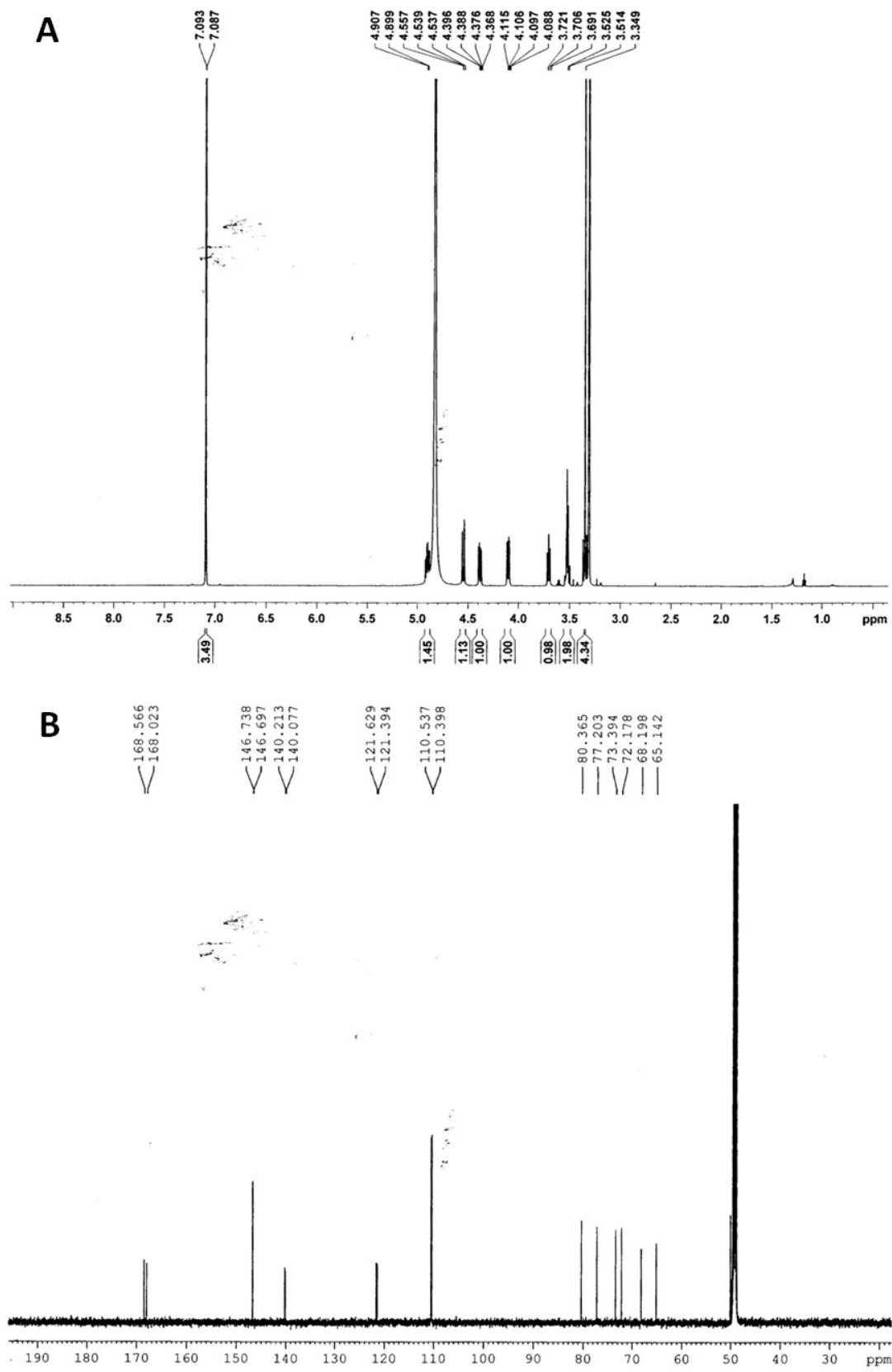


Figure S1. ^1H -NMR and ^{13}C -NMR spectrum of ginnalin A. (A), ^1H -NMR spectrum of ginnalin A (CD_3OD , 600 MHz), (B), ^{13}C -NMR spectrum of ginnalin A (CD_3OD , 151 MHz).

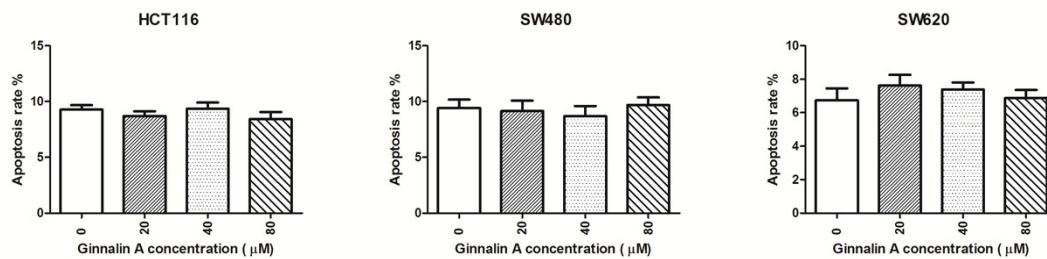


Figure S2. Analysis of cell apoptosis rate of HCT116, SW480, and SW620 cell lines treated with ginnalin A by flow cytometry. Cells were treated with various doses of ginnalin A (0, 20, 40 and 80 μM) for 72 h. Each value is the mean value \pm SD (n=3).