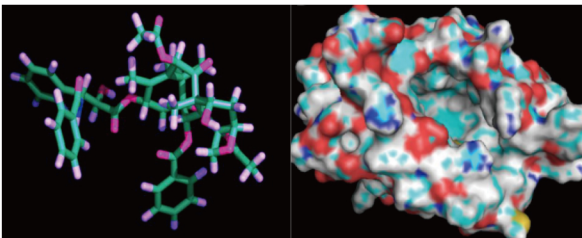


Graphical abstract

Background and mechanism



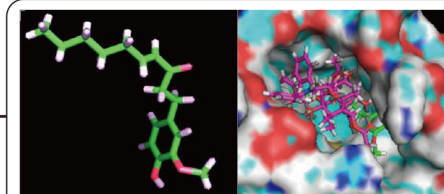
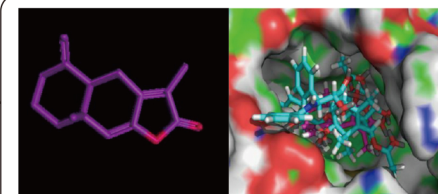
MD-2-TLR4 complex

MyD88

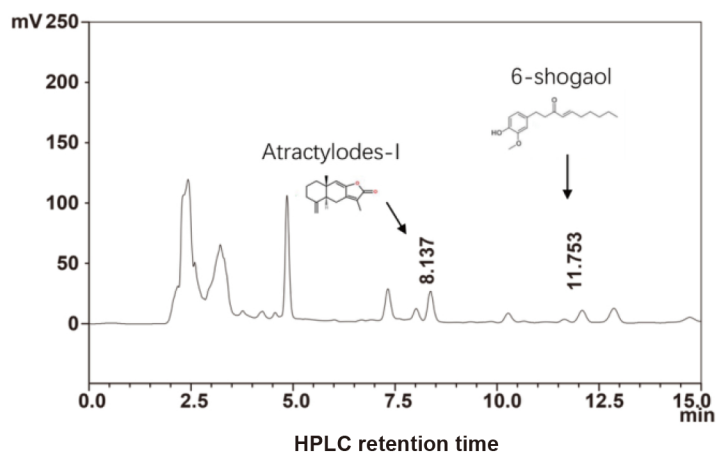
NF- κ B

IL-6

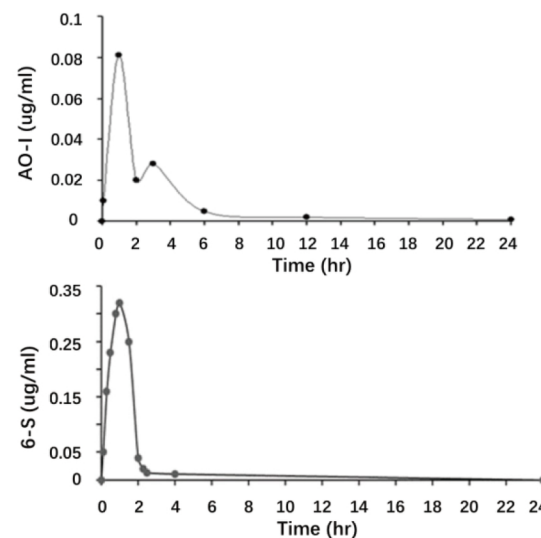
Paclitaxel resistance



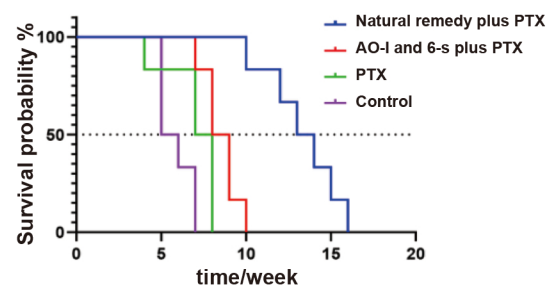
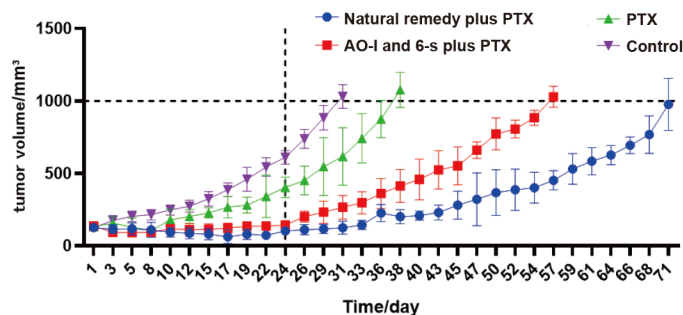
Content of AO-I and 6-S in the natural remedy



Time-plasma concentration in rats



Tumor growth and survival in mice bearing ID8 ovarian carcinoma



Conclusion: *Atractylodes macrocephala* Koidz and Zingiber alcohol /aqueous extracts may provide a clinically useful natural remedy for the treatment of cancer with active components that promote paclitaxel sensitization.