

Three new phthalide glycosides from the rhizomes of *Cnidium officinalis* and their recovery effect on damaged otic hair cells in zebrafish

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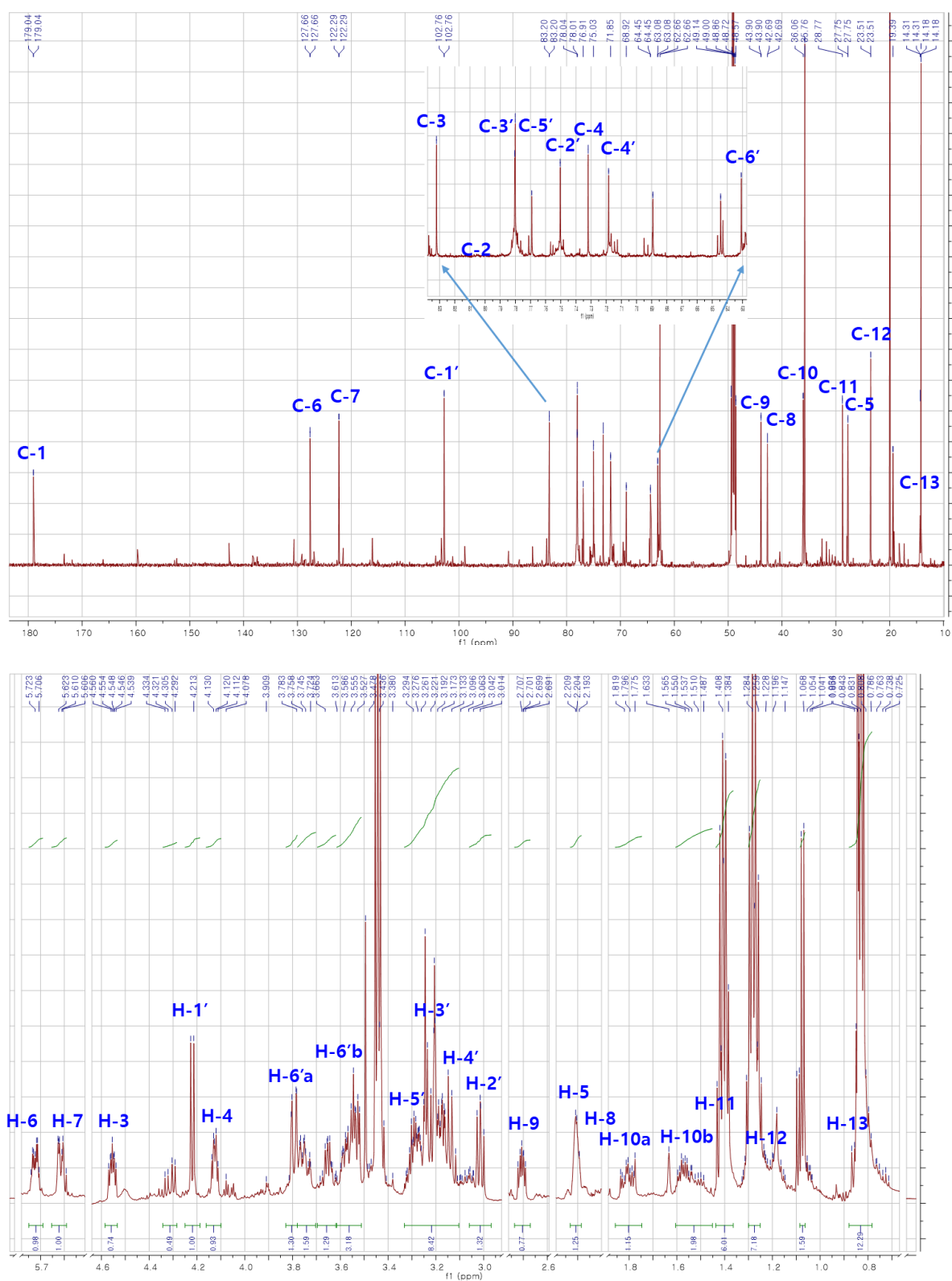
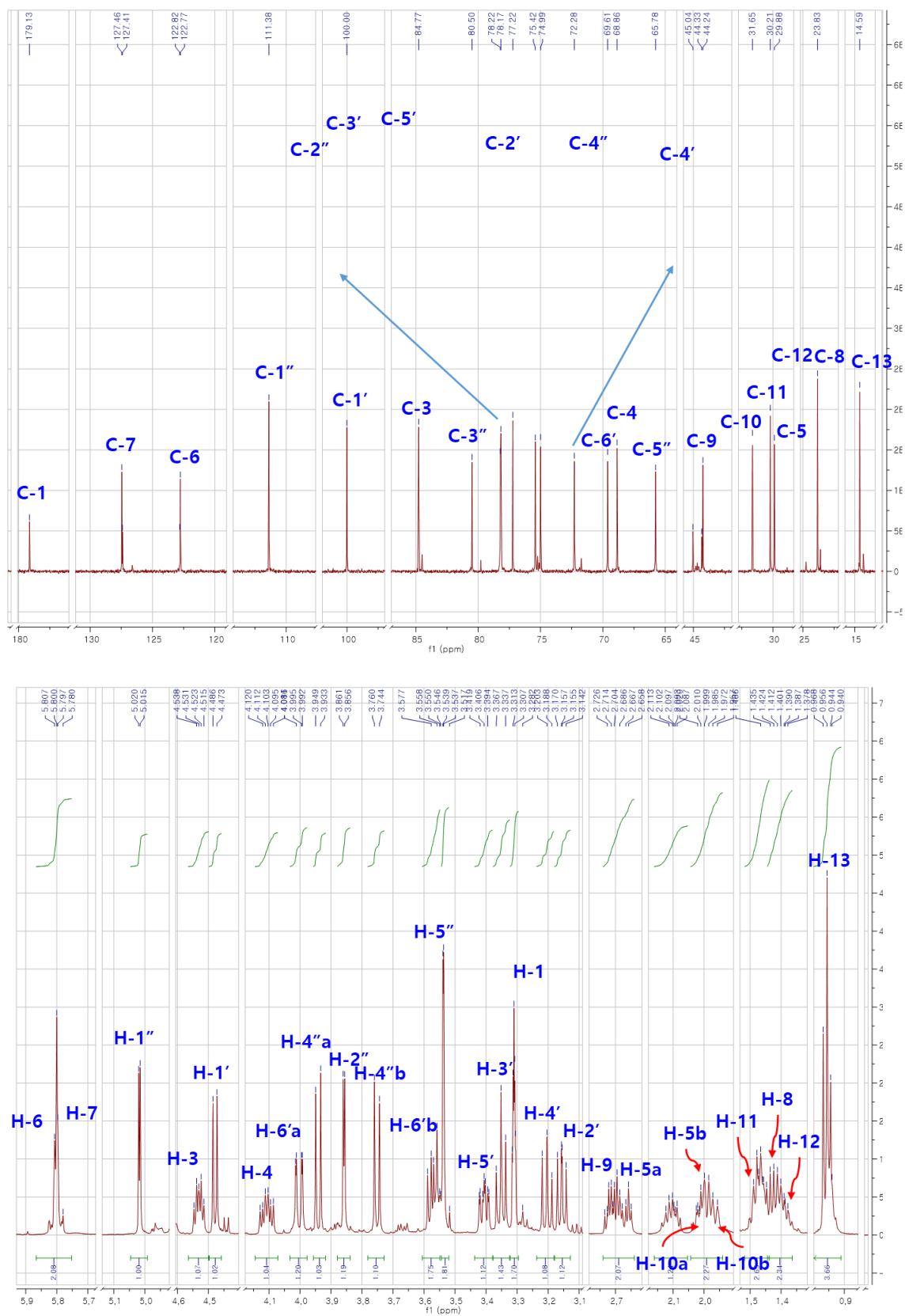


Figure S1. ¹³C and ¹H NMR spectra of ligusticoside C (600 MHz, CD₃OD).



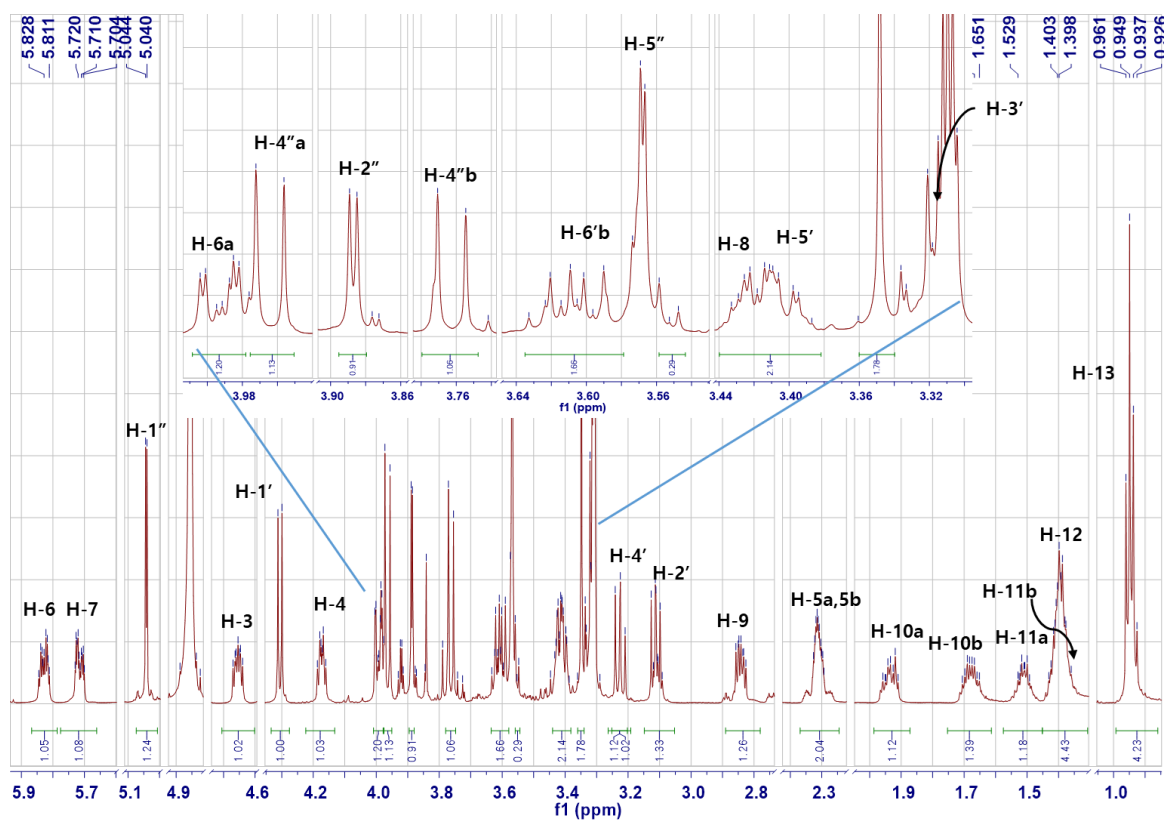
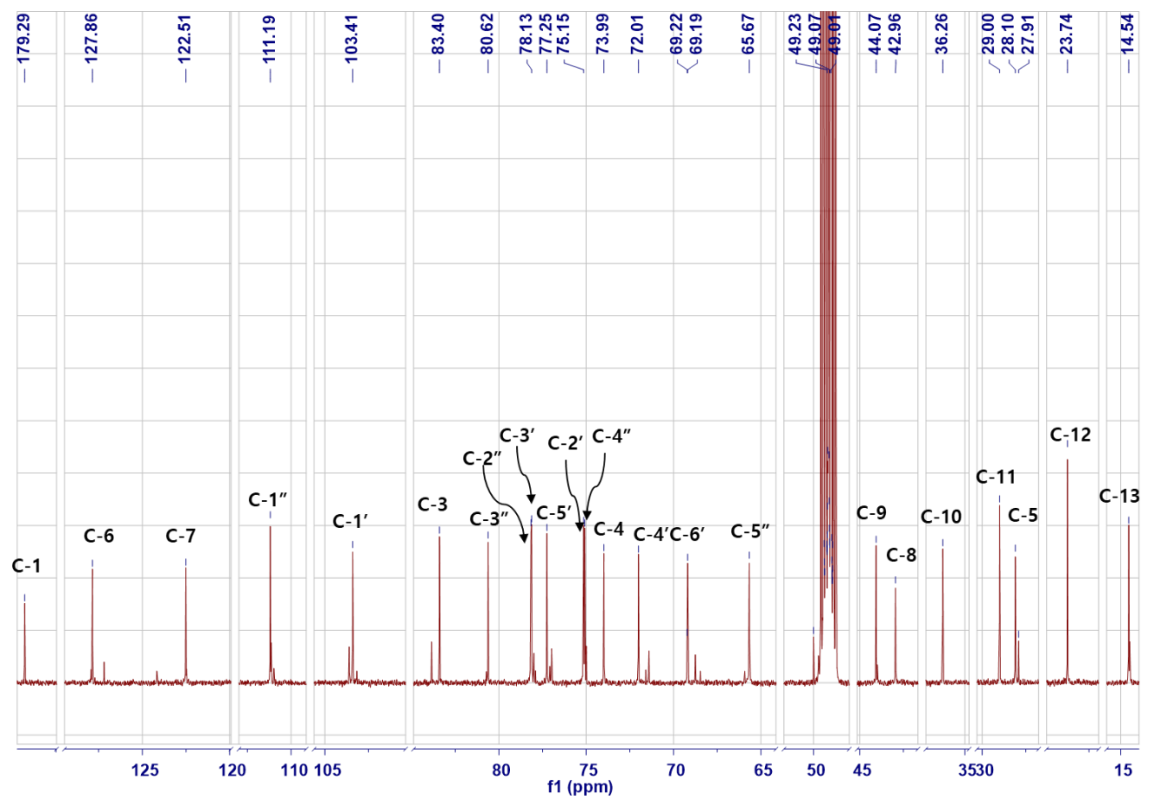
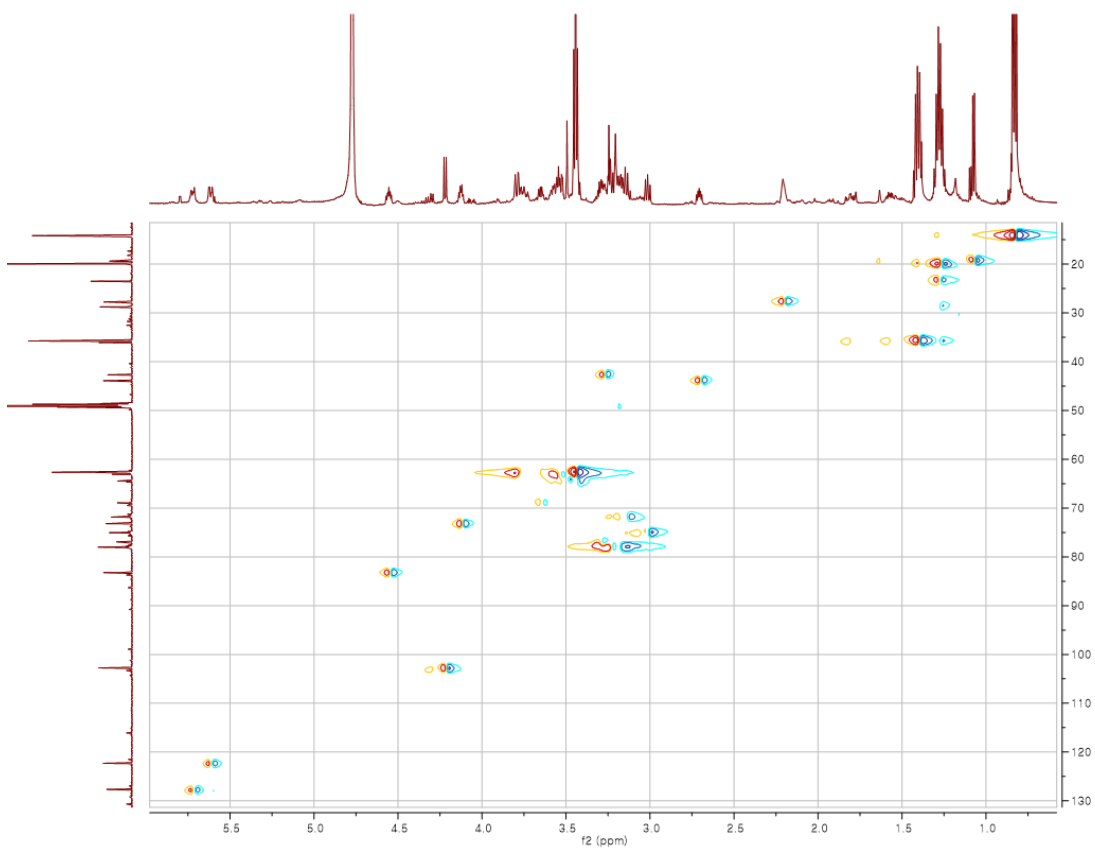
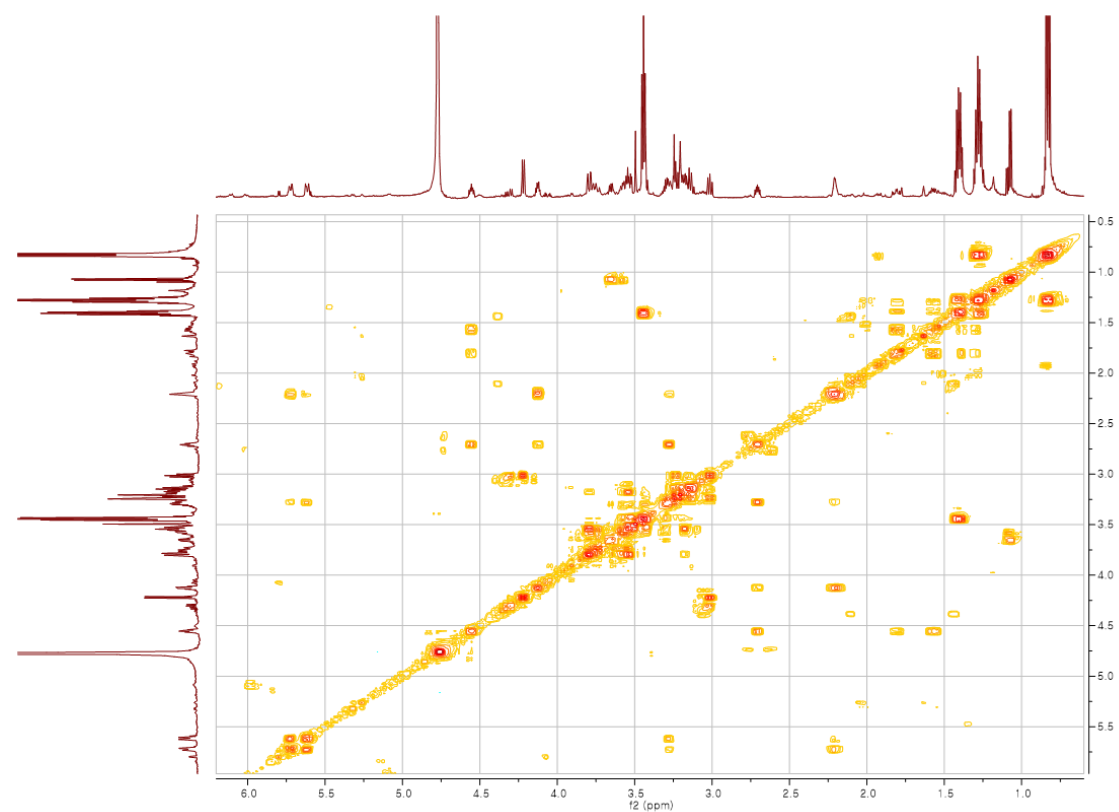


Figure S3. ^{13}C and ^1H NMR spectra of ligusticoside E (600 MHz, CD_3OD).



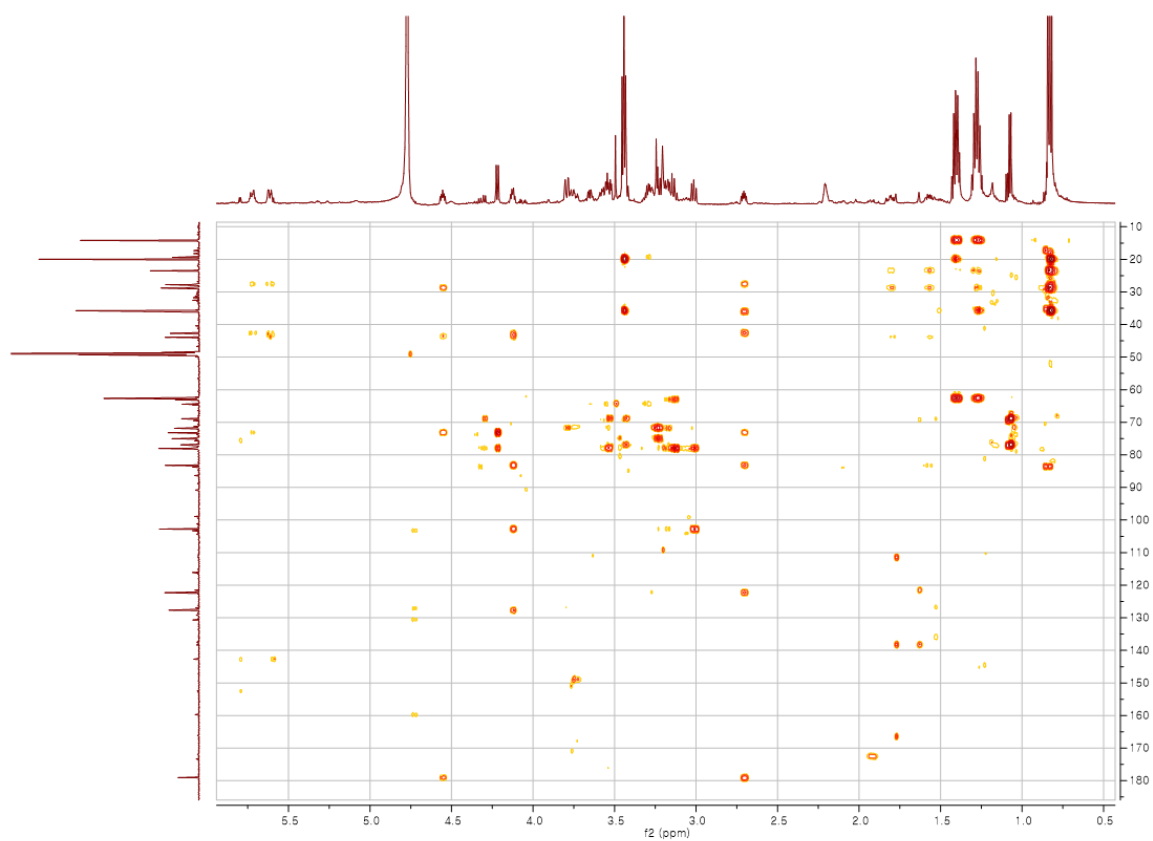
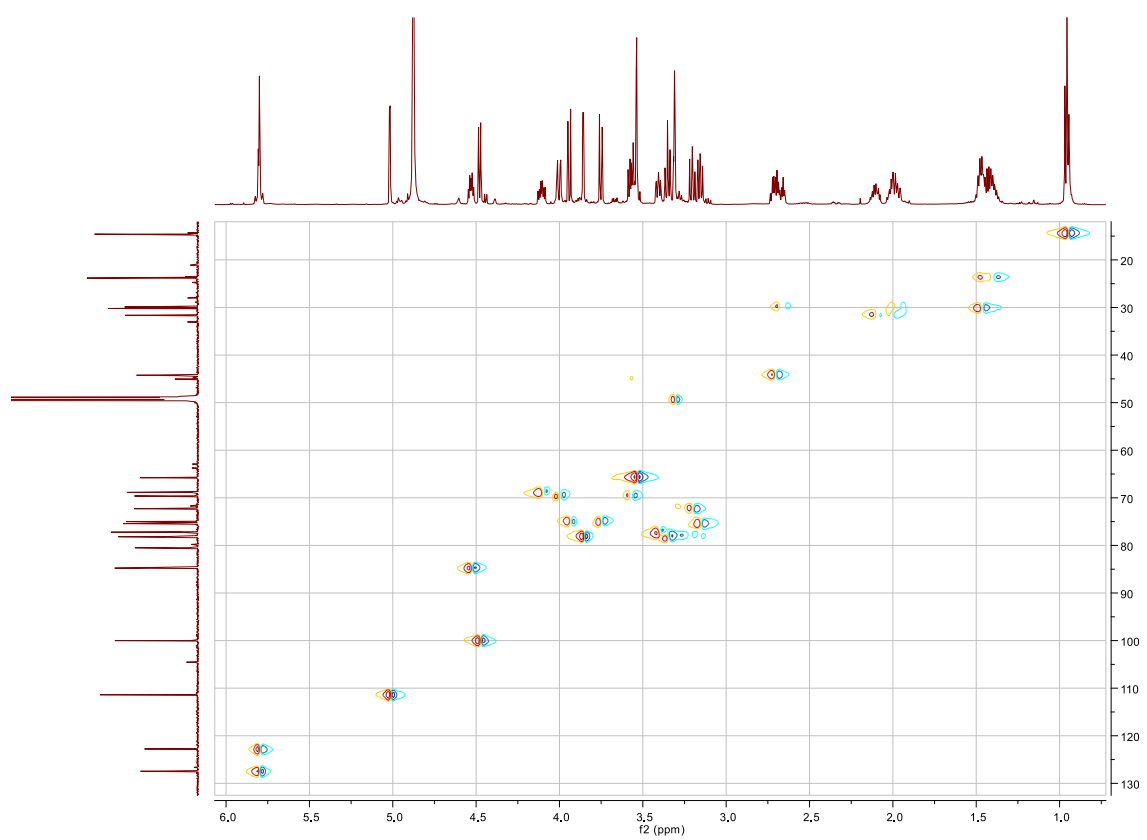
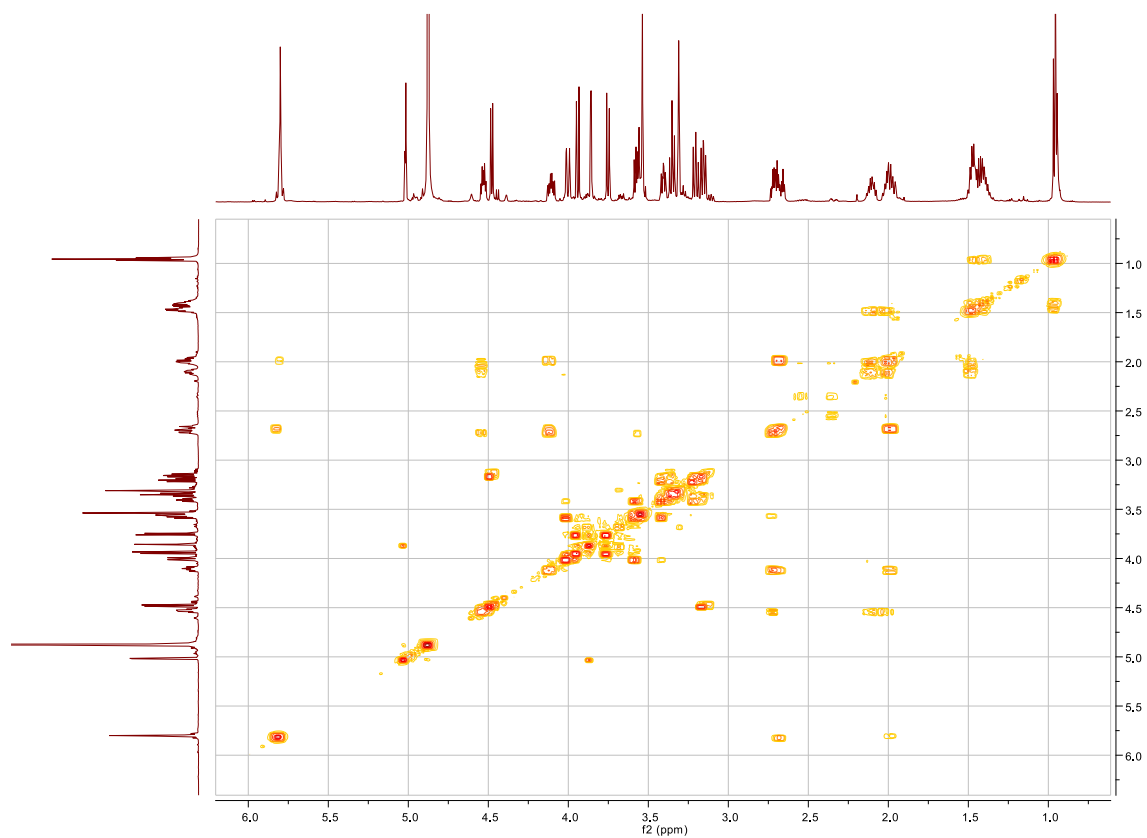


Figure S4. ^1H - ^1H COSY, HSQC, and HMBC spectra of ligusticoside C (600 MHz, CD_3OD).



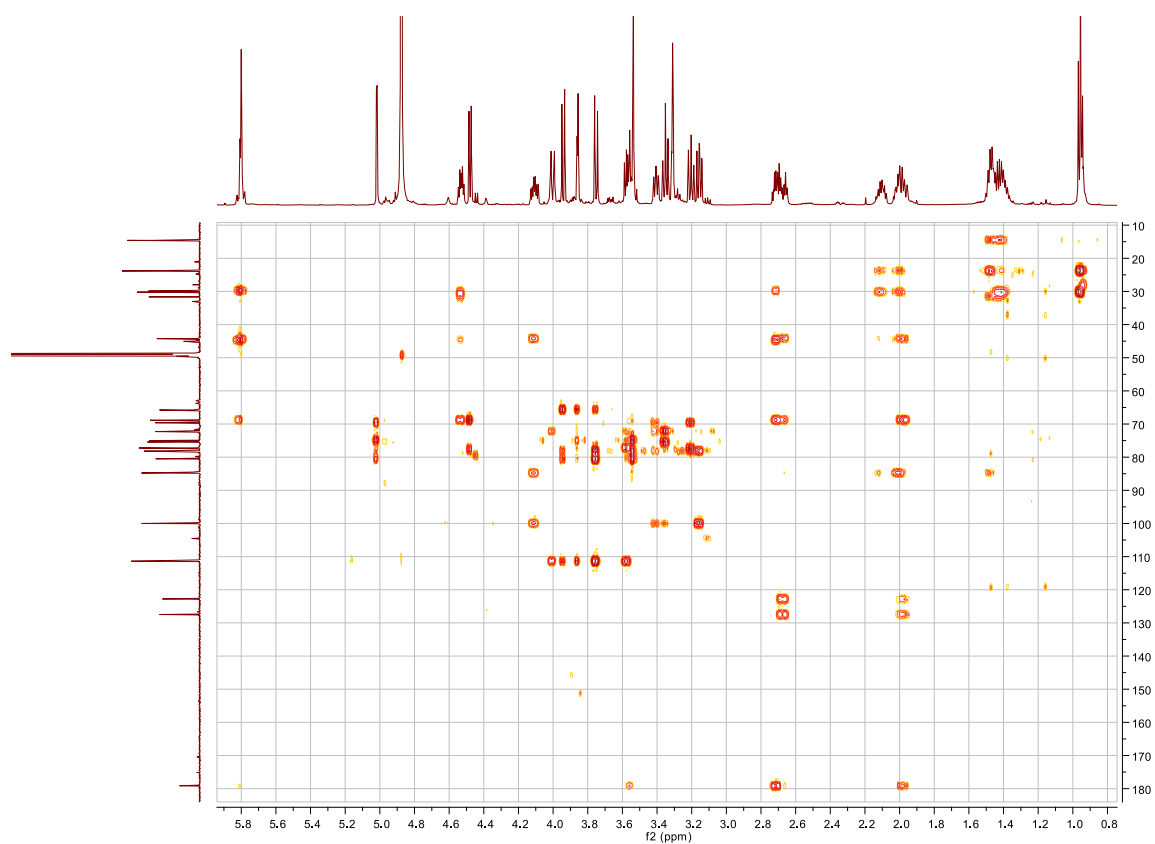
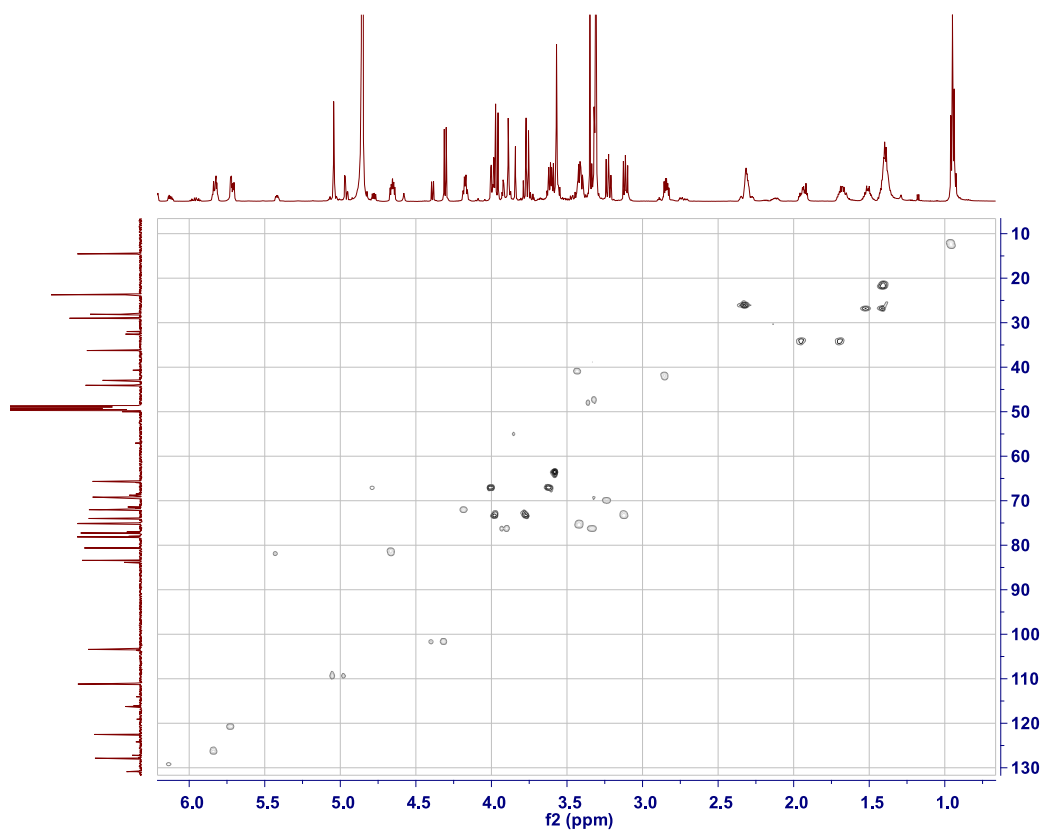
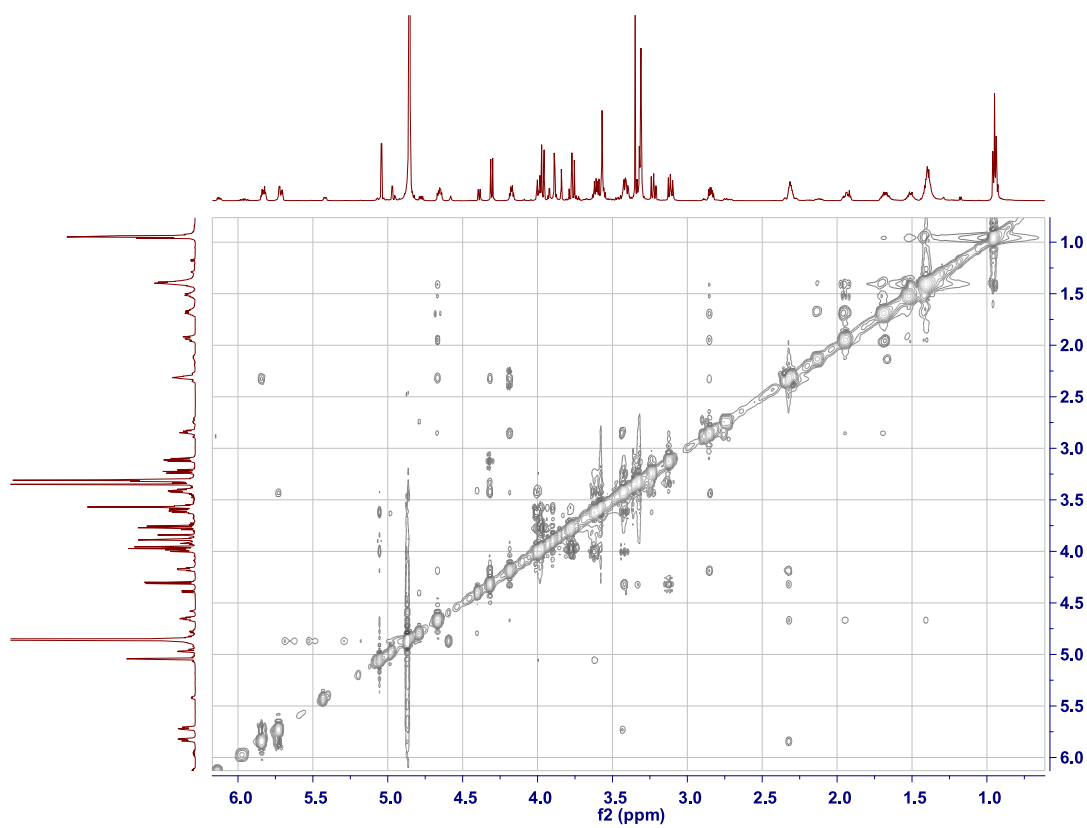


Figure S5. ^1H - ^1H COSY, HSQC, and HMBC spectra of ligusticoside D (600 MHz, CD_3OD).



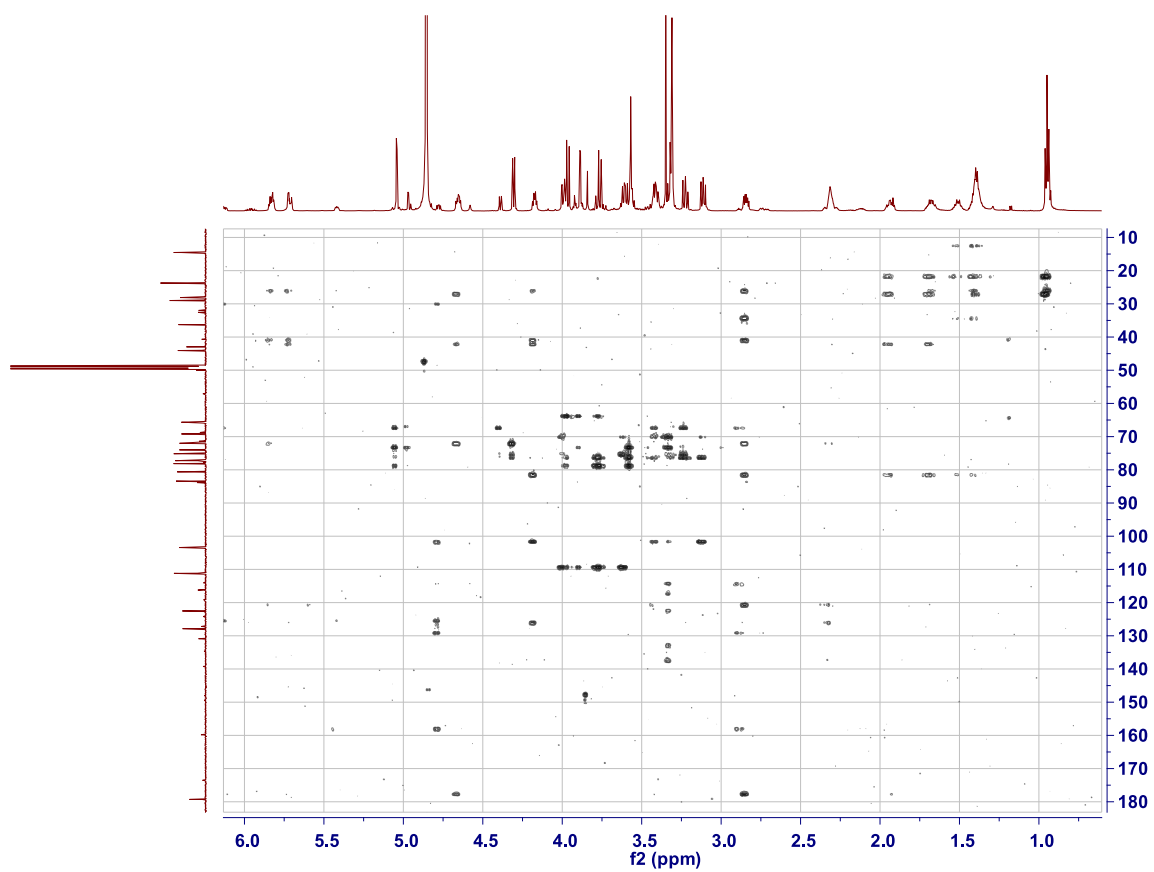


Figure S6. ^1H - ^1H COSY, HSQC, and HMBC spectra of ligusticoside D (600 MHz, CD_3OD).