Electronic Supplementary Information (ESI)

Design, synthesis and evaluation of a myricetin and nobiletin hybrid compound for alleviating hyperuricemia based on metabolomics and gut microbiota

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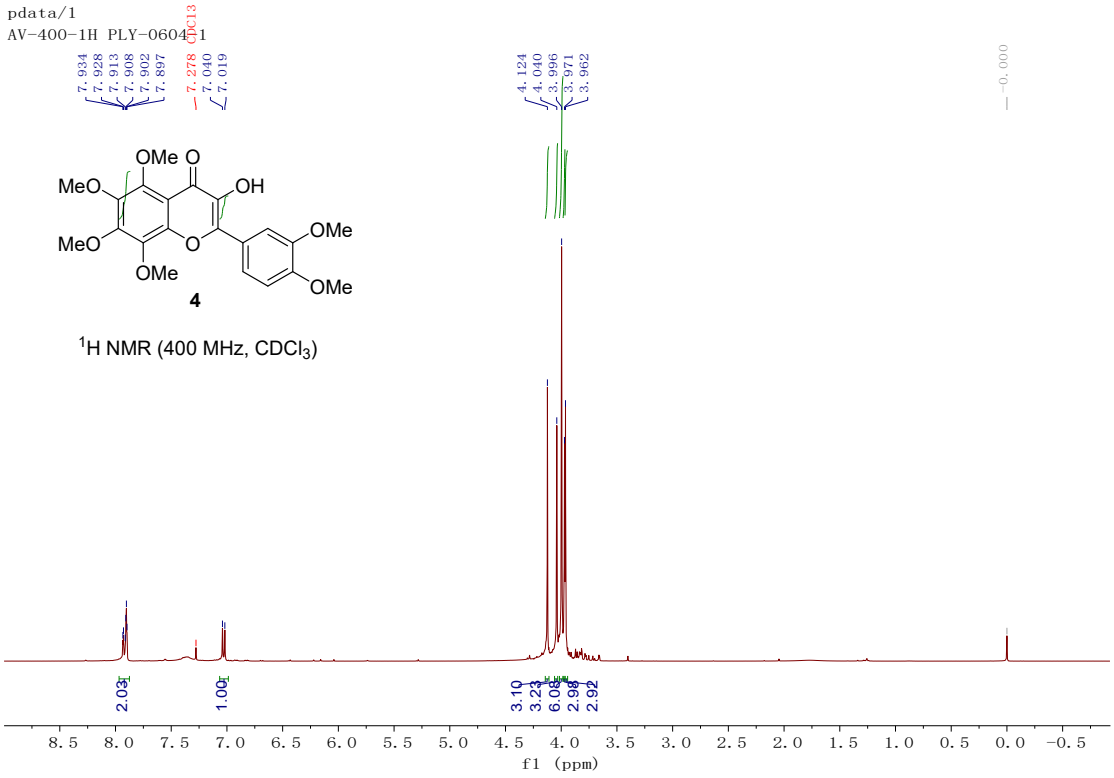
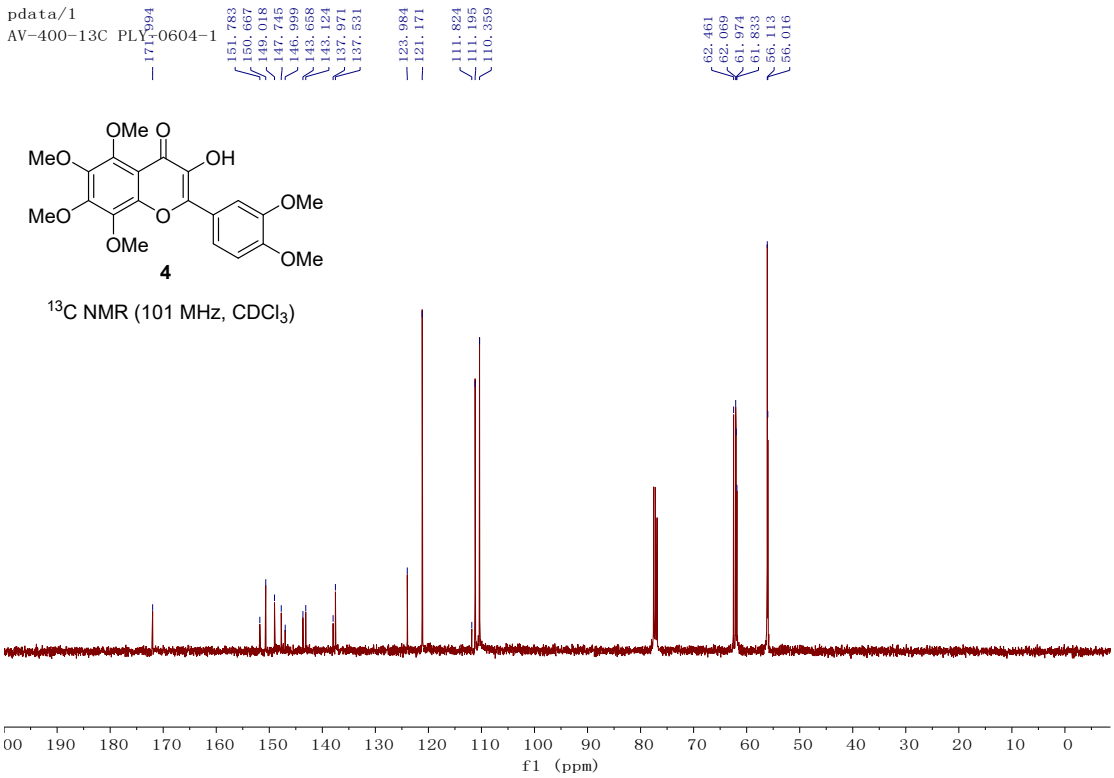
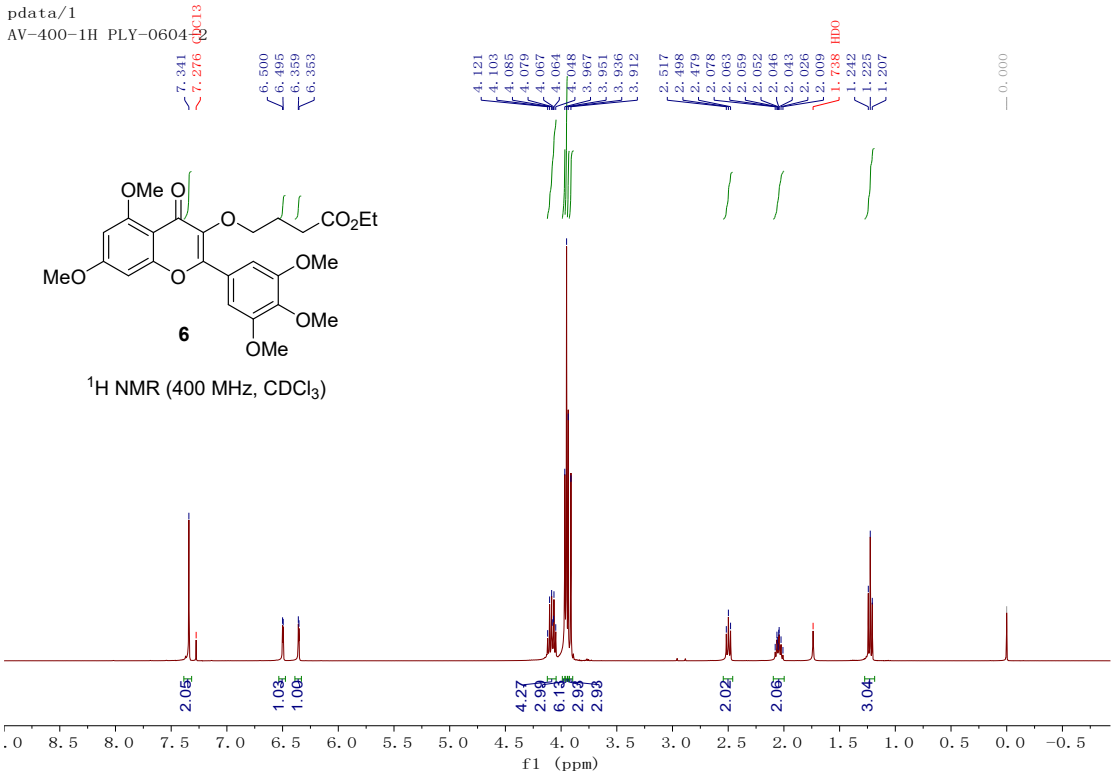
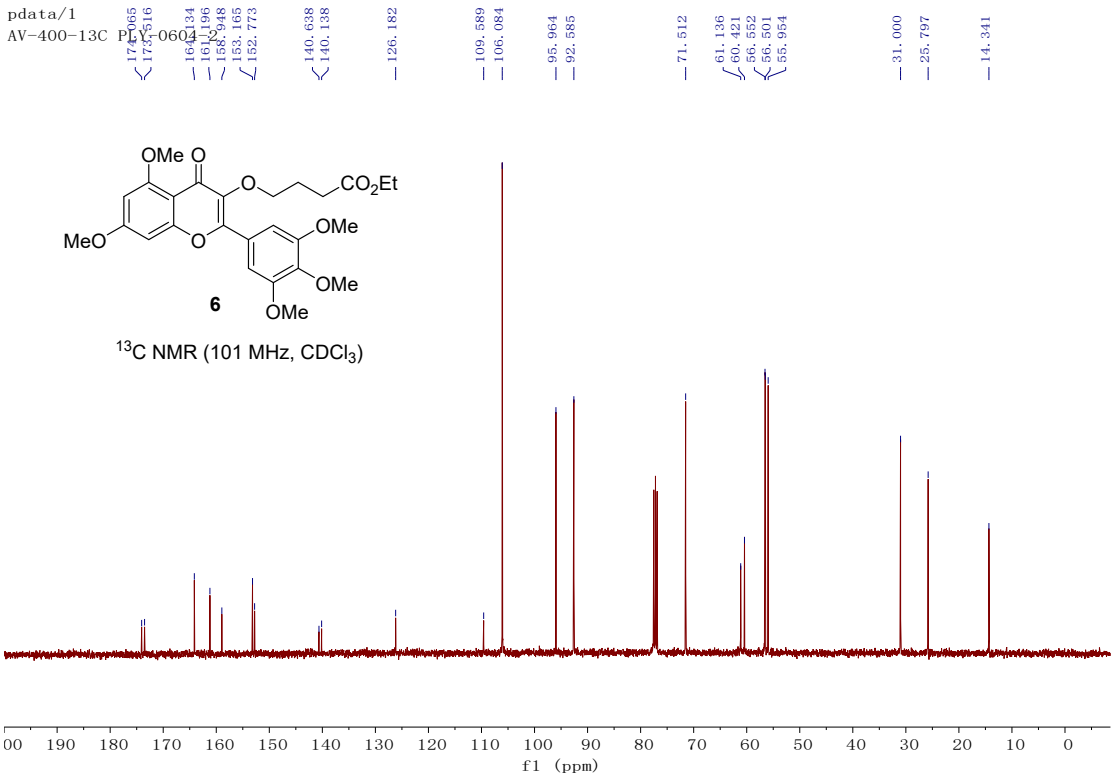
^{1}H NMR and ^{13}C NMR spectra for compound 4



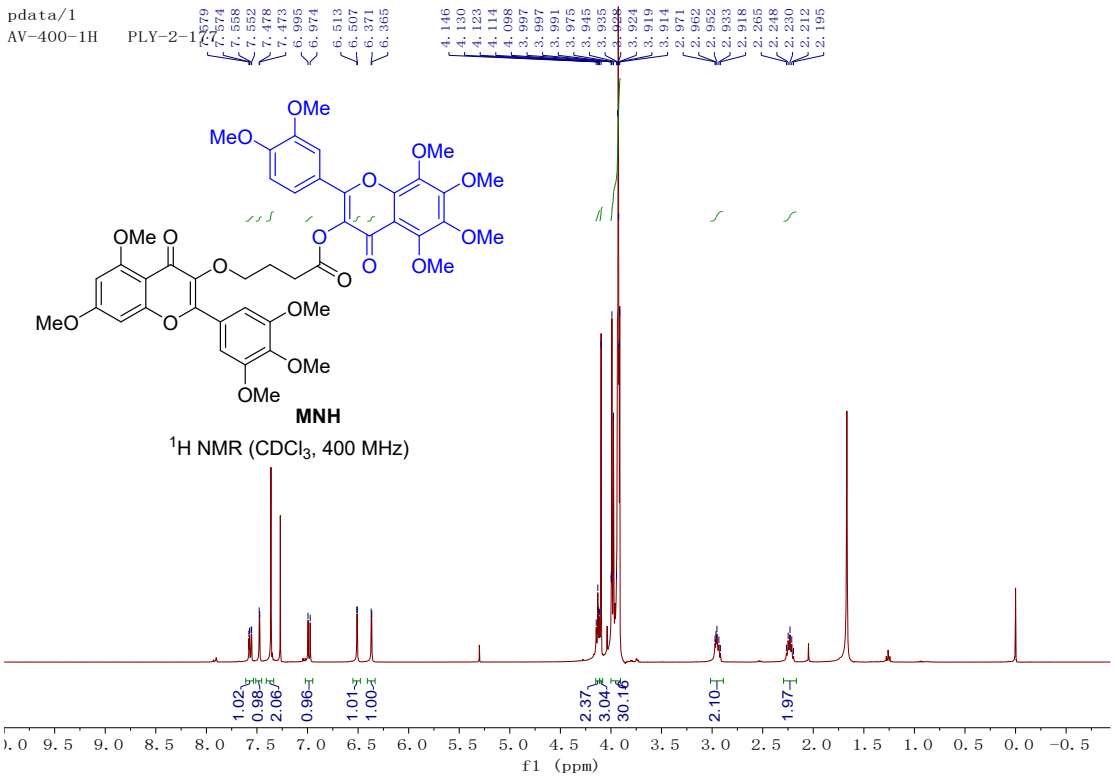


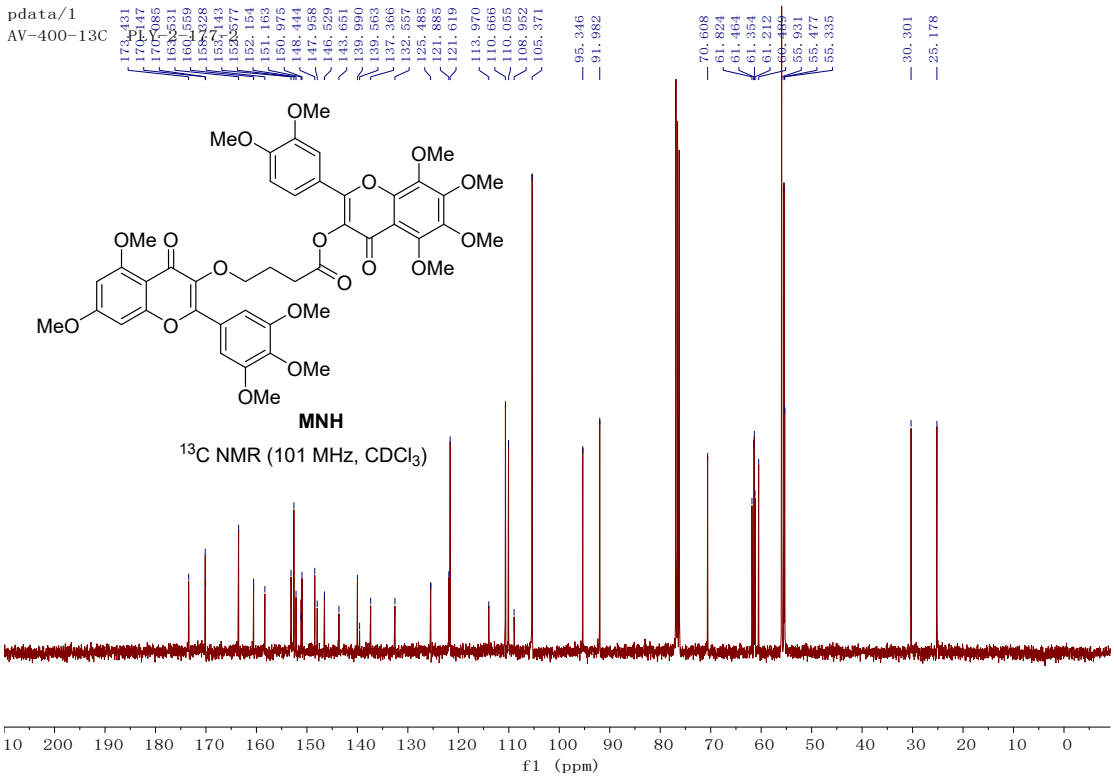
^{1}H NMR and ^{13}C NMR spectra for compound 6





^{1}H NMR and ^{13}C NMR spectra for myricetin-nobiletin hybrid (MNH)





Venn diagram and clustering heatmap

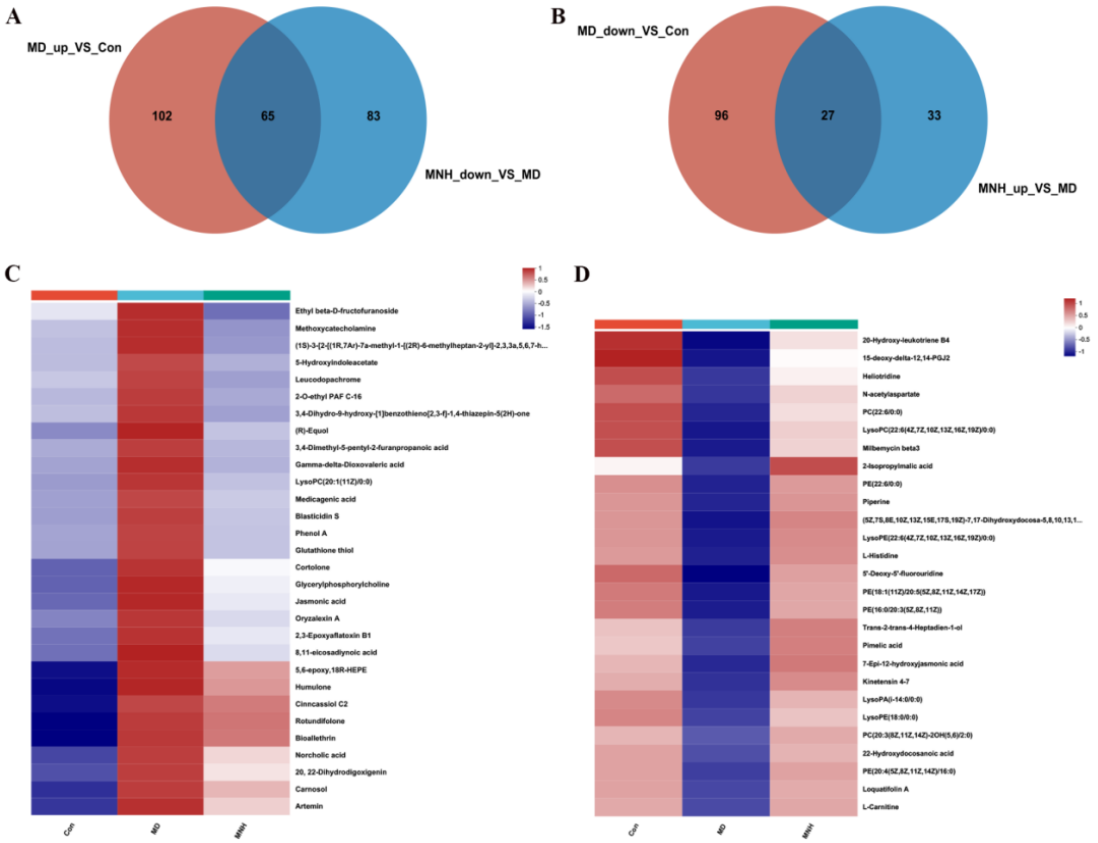


Fig. S1 Effects of MNH on serum metabonomic profiling. (A-B) Venn diagram of the three groups; (C-D) clustering heatmap analysis of the three groups.