Supporting Information

Biochemometrics to Identify Synergists and Additives from Botanical Medicines: A Case Study with *Hydrastis canadensis*

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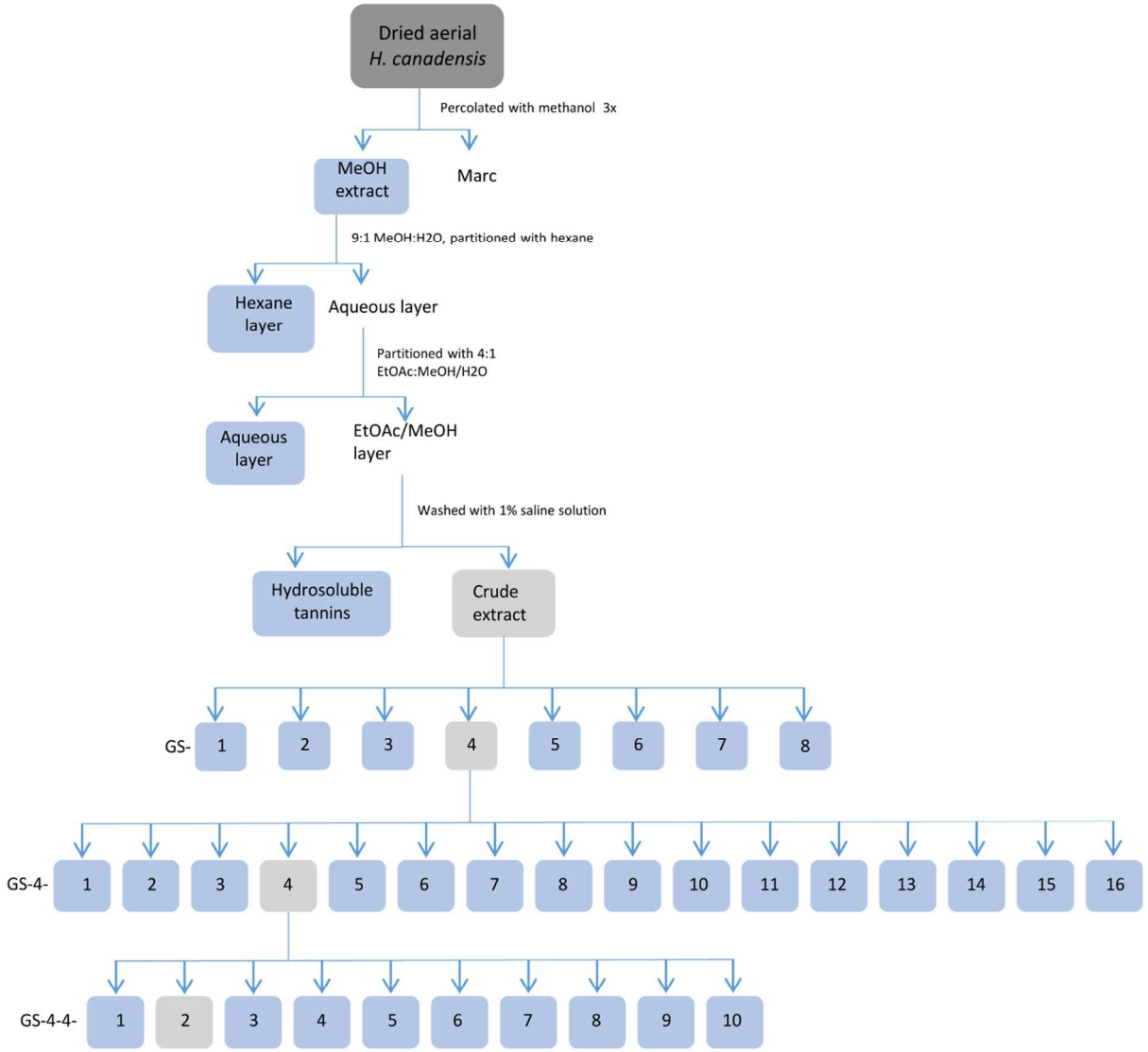

Figure S1. Fractionation scheme.

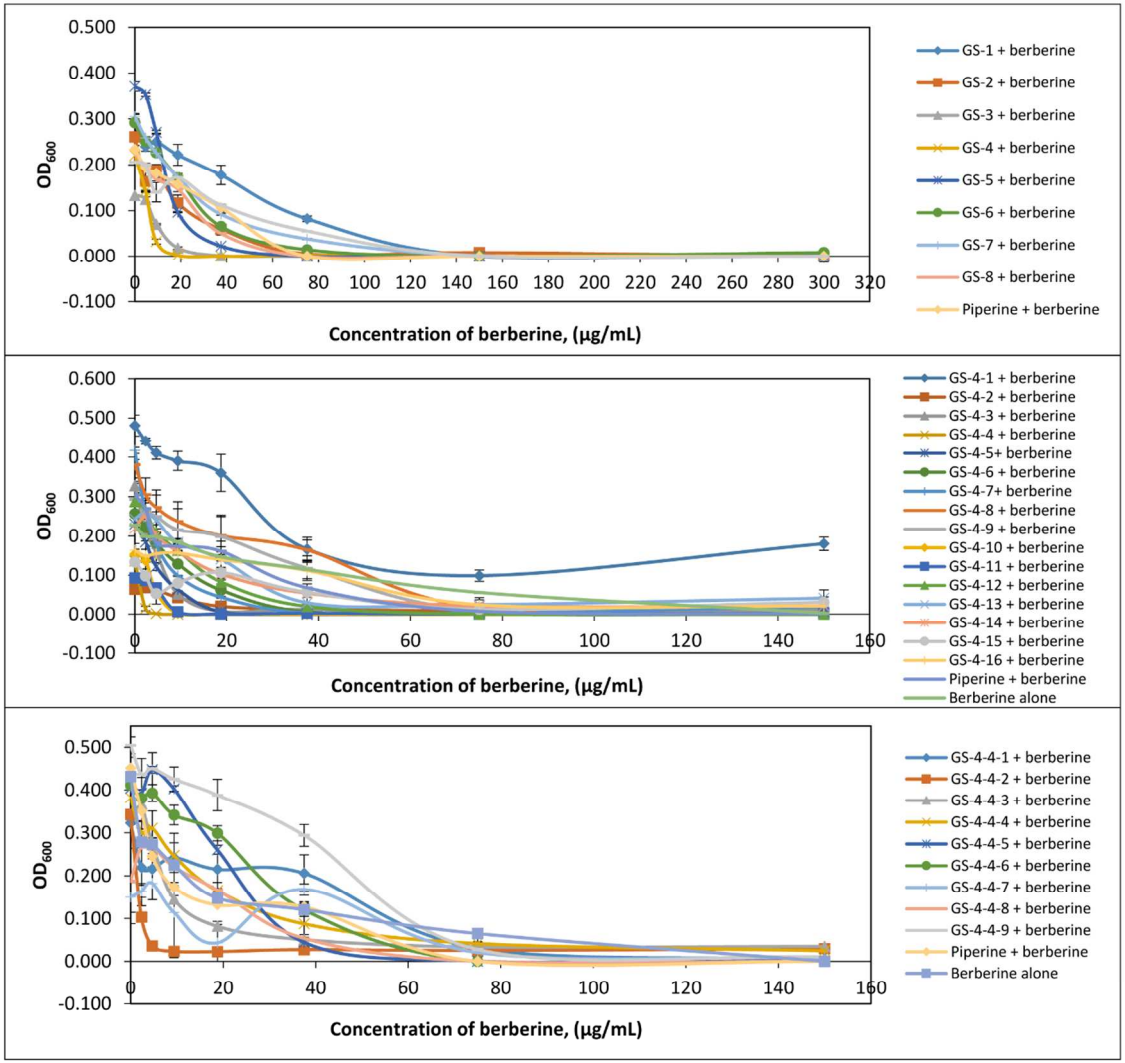

Figure S2. Minimum inhibitory concentration (MIC) curves for berberine in combination with a constant concentration of fraction (75 µg/mL). Each point represents the average OD_{600} of three wells with identical treatments, and error bars represent standard error of those measurements.

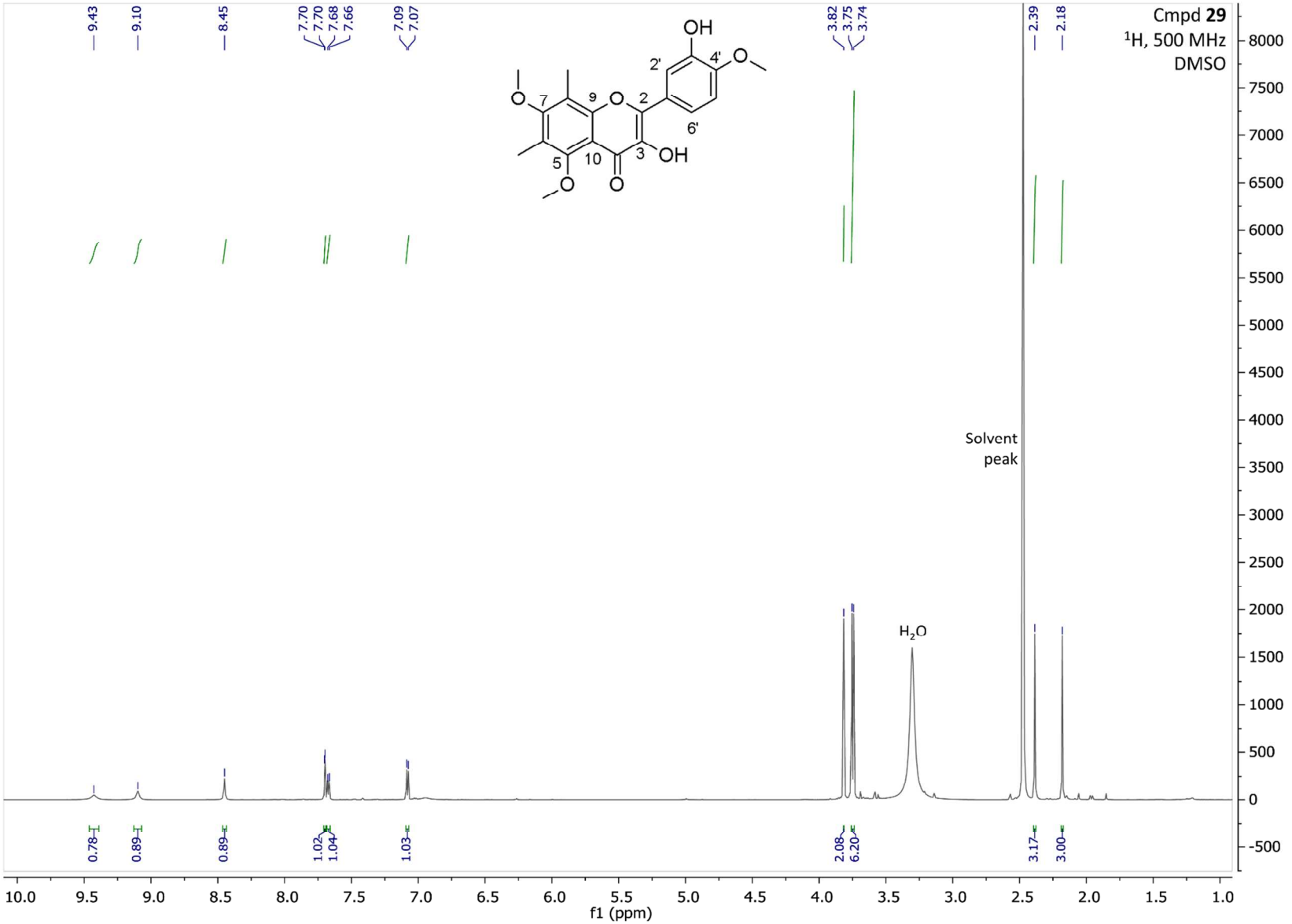

Figure S3. [1]H NMR (DMSO, 500 MHz) spectrum of 3,3´-dihydroxy- 5,7,4´ trimethoxy- 6,8-C-dimethyl-flavone (**29**).

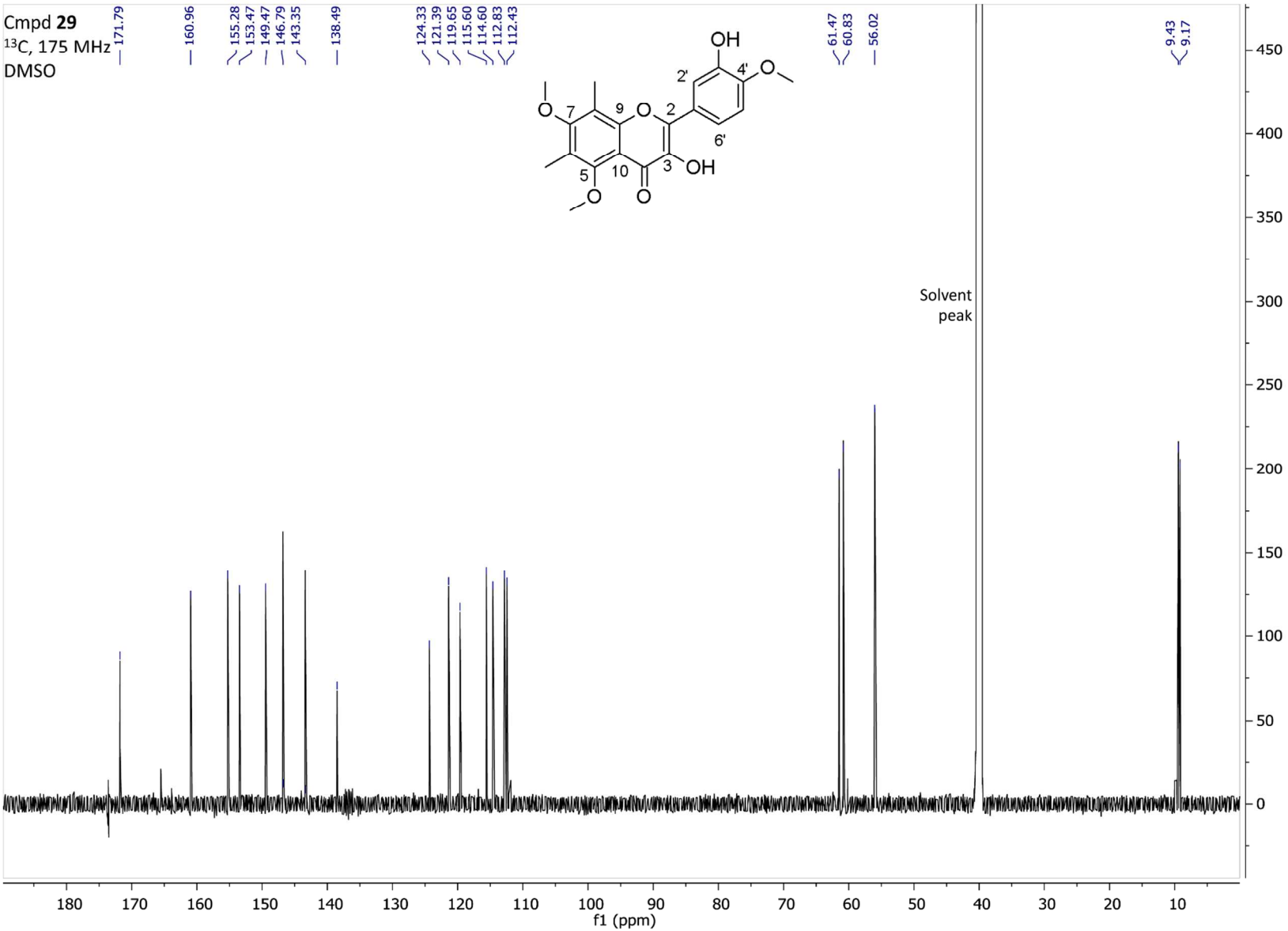

Figure S4. ^{13}C NMR spectrum (DMSO 175 MHz) of **29**.

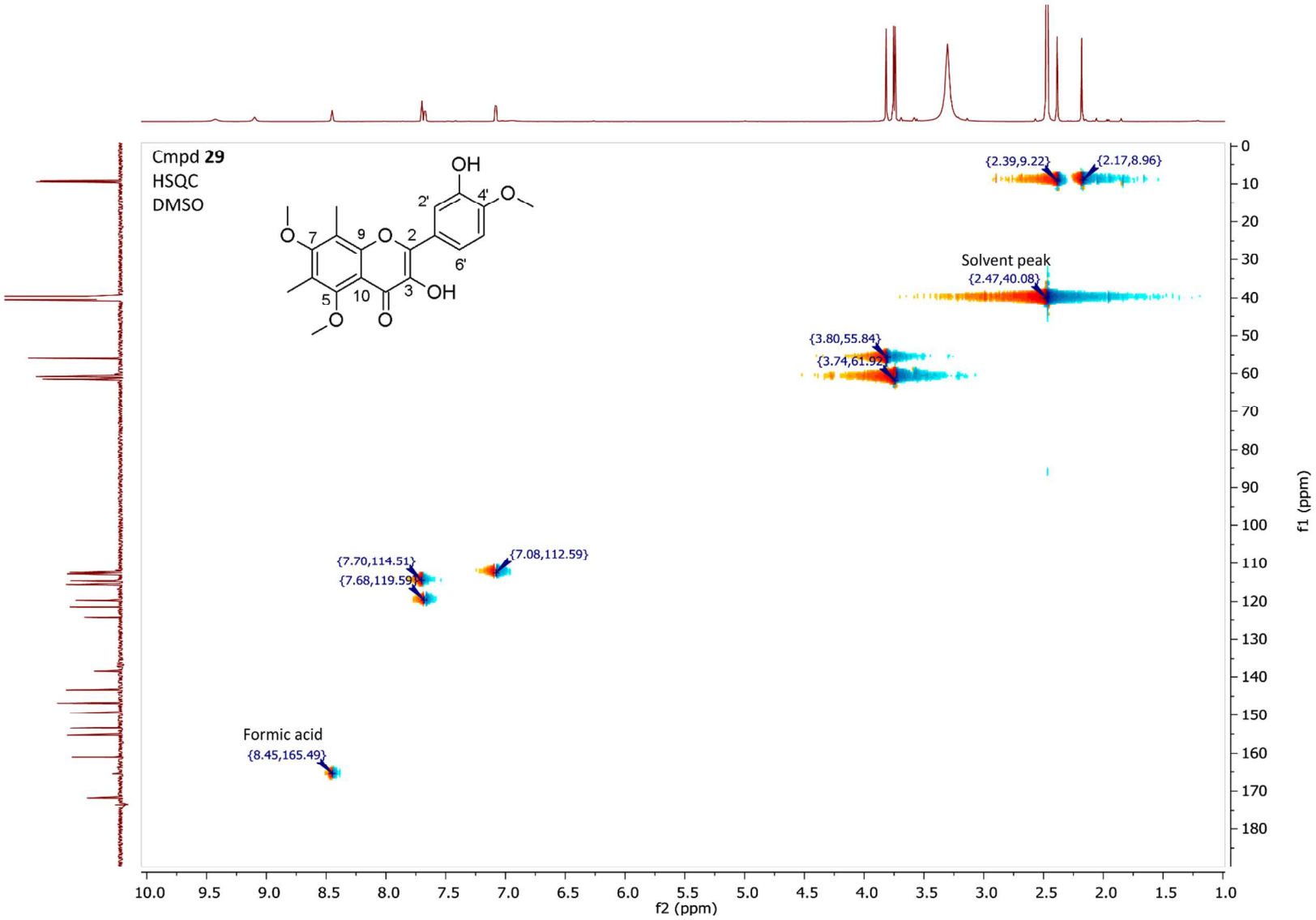

Figure S5. HSQC NMR spectrum of **29**.

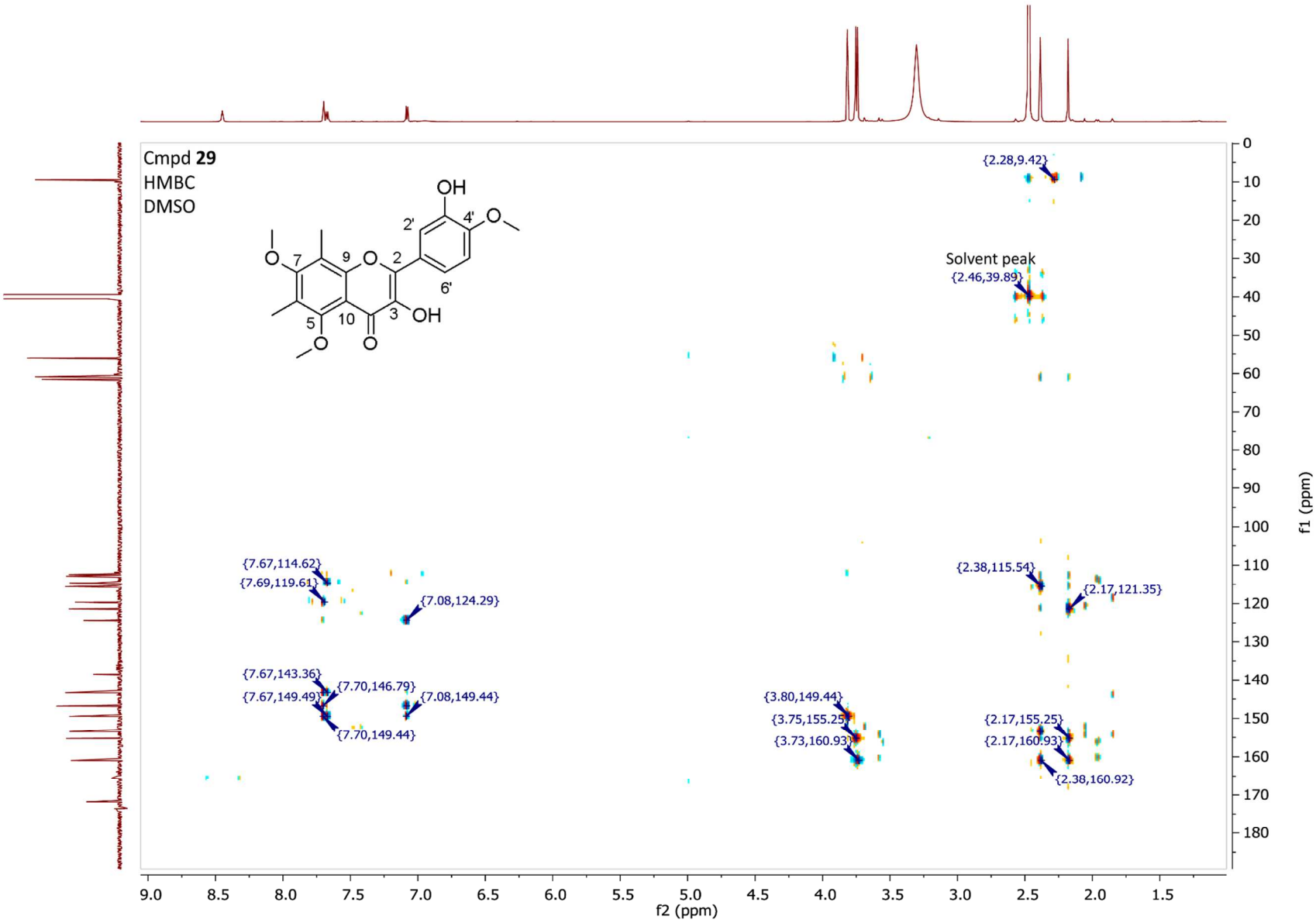

Figure S6. HMBC NMR spectrum of **29**.

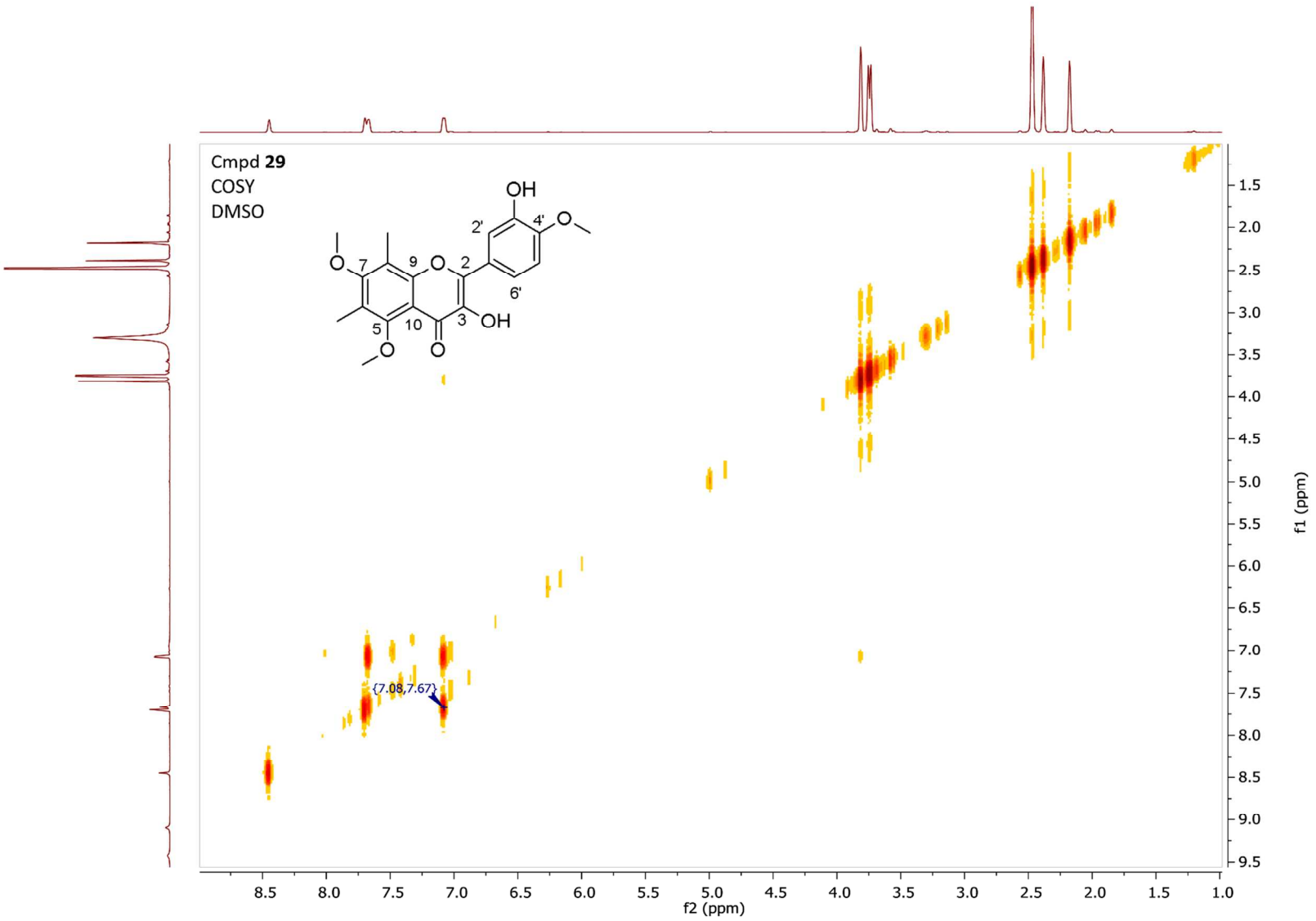

Figure S7. COSY NMR spectrum of **29**.