

Figure S1. UV-vis absorption spectra of benzaldehyde at various concentrations of HP-β-CD (1×10^{-3} ~5 M) by the phase-solubility method.

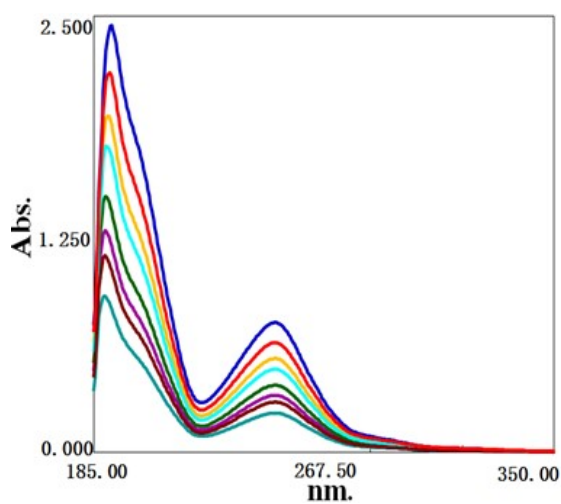


Figure S2. UV-vis absorption spectra of benzoin at various concentrations of HP-β-CD (1×10^{-3} ~5 M) by the phase-solubility method.

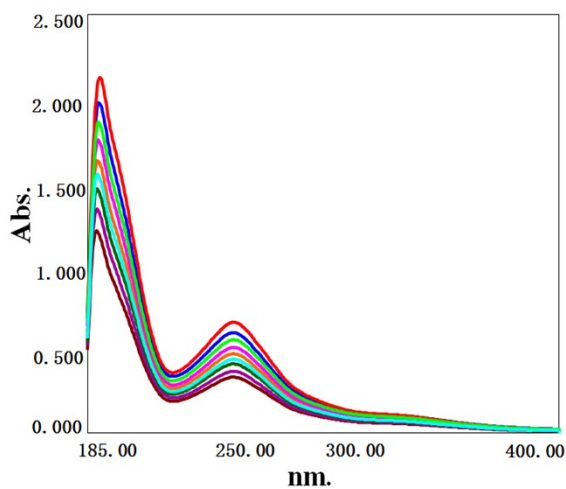


Figure S3. UV-vis absorption spectra of 1,2-diphenylethanedione at various concentrations of HP-β-CD (1×10^{-3} ~5 M) by the phase-solubility method.

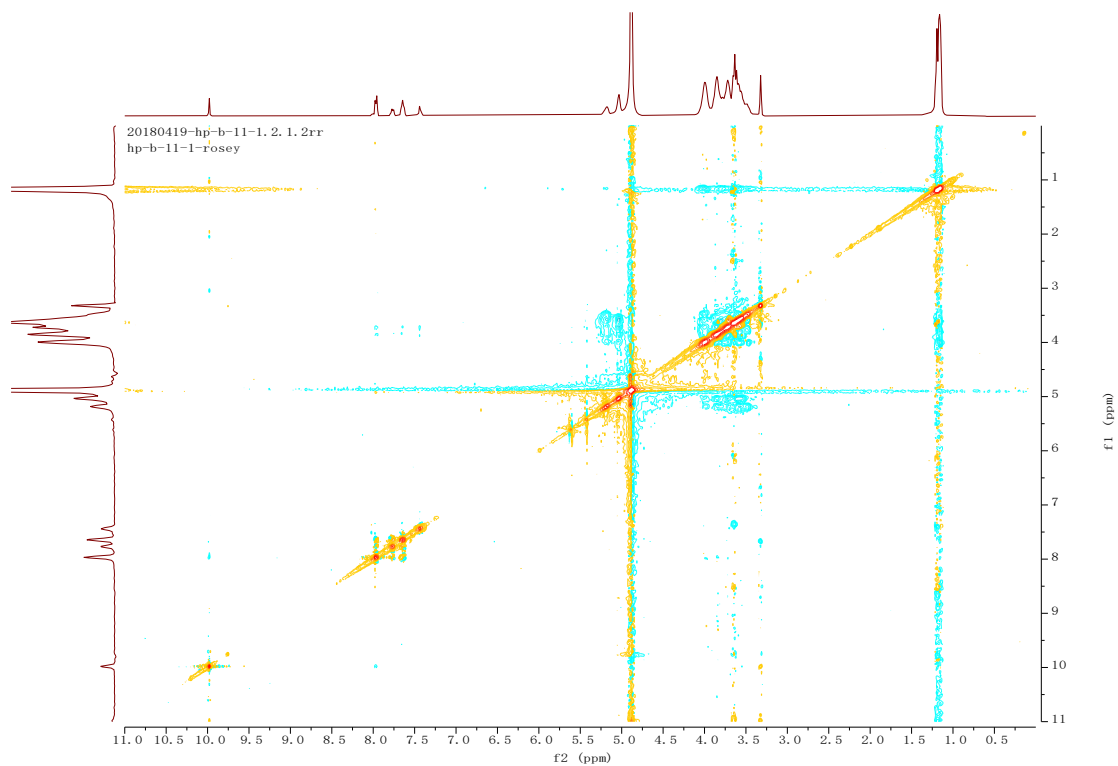


Figure S4. The raw 2D-ROESY map of the inclusion complexes of HP- β -CD with benzaldehyde.

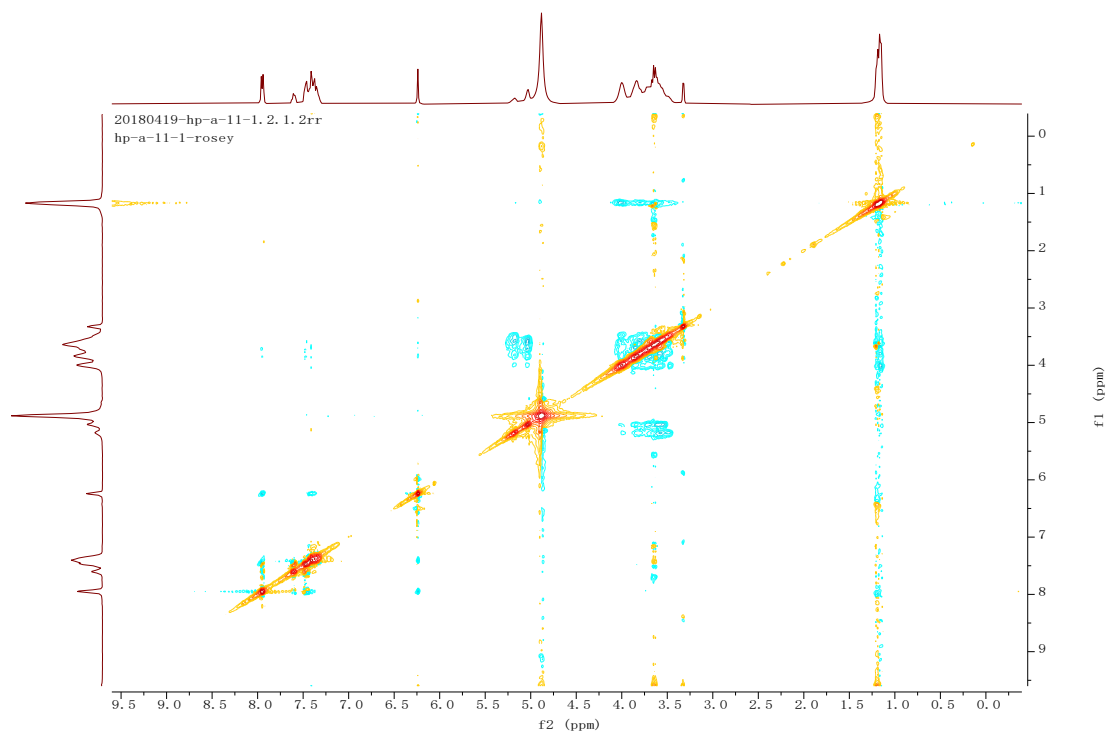


Figure S5. The raw 2D-ROESY map of the inclusion complexes of HP- β -CD with benzoin.

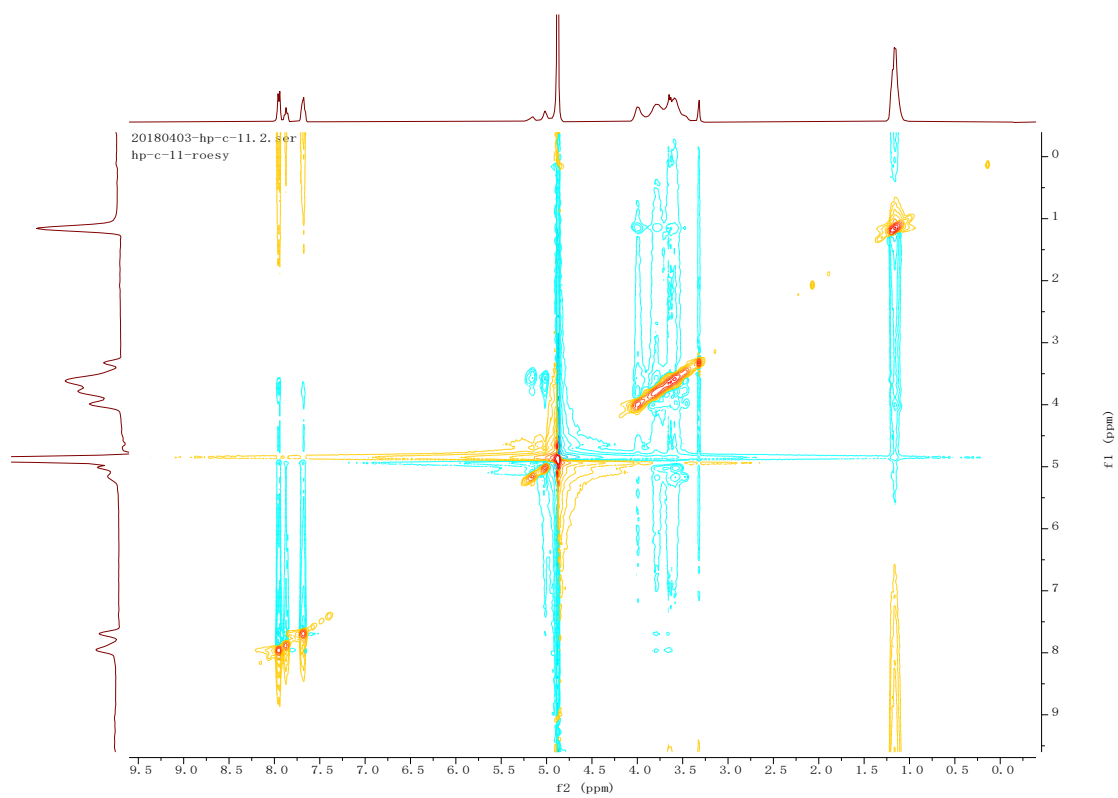


Figure S6. The raw 2D-ROESY map of the inclusion complexes of HP- β -CD with 1,2-diphenylethanedione.

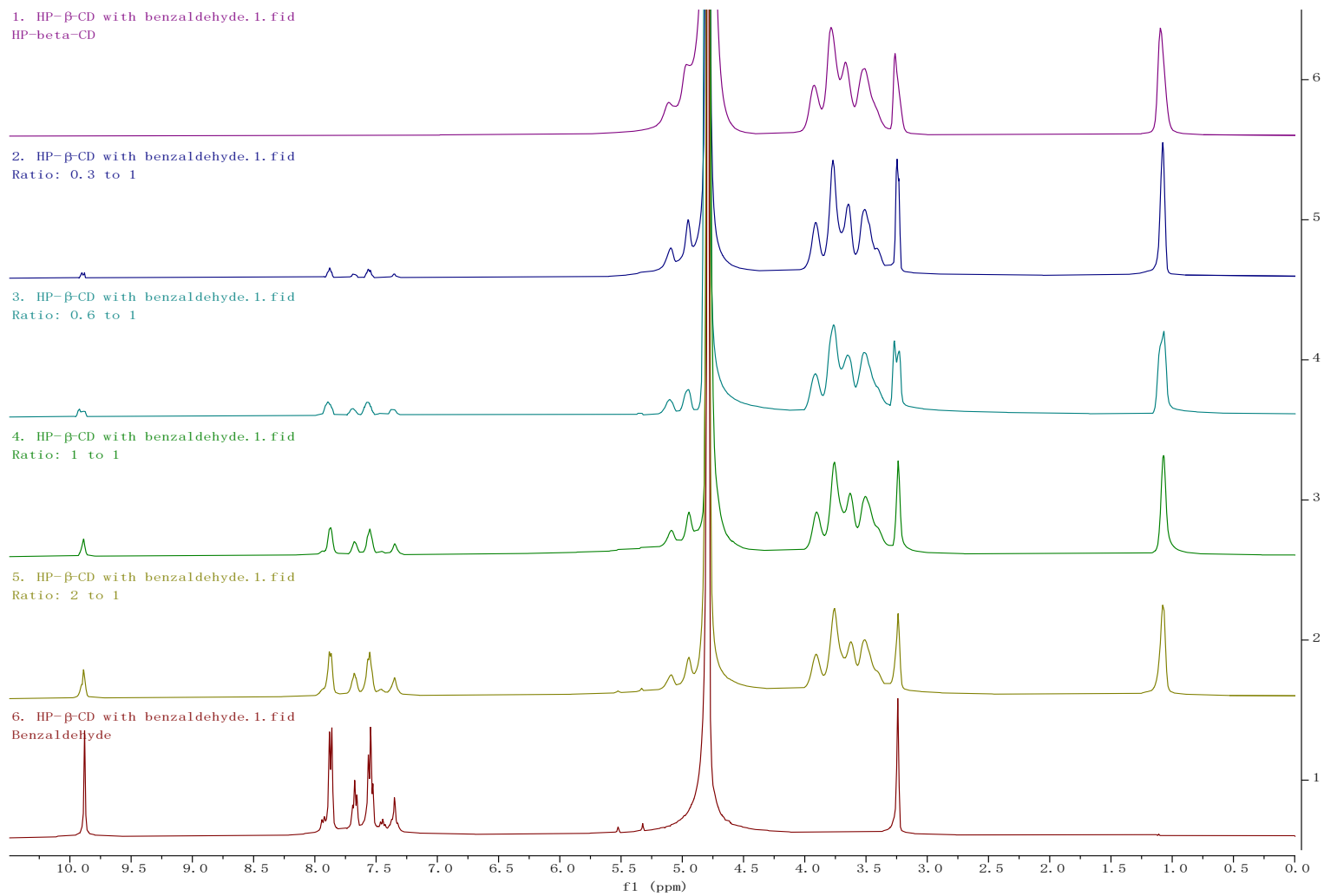


Figure S7. The ¹H NMR titration of the inclusion complexes of HP-β-CD with benzaldehyde.

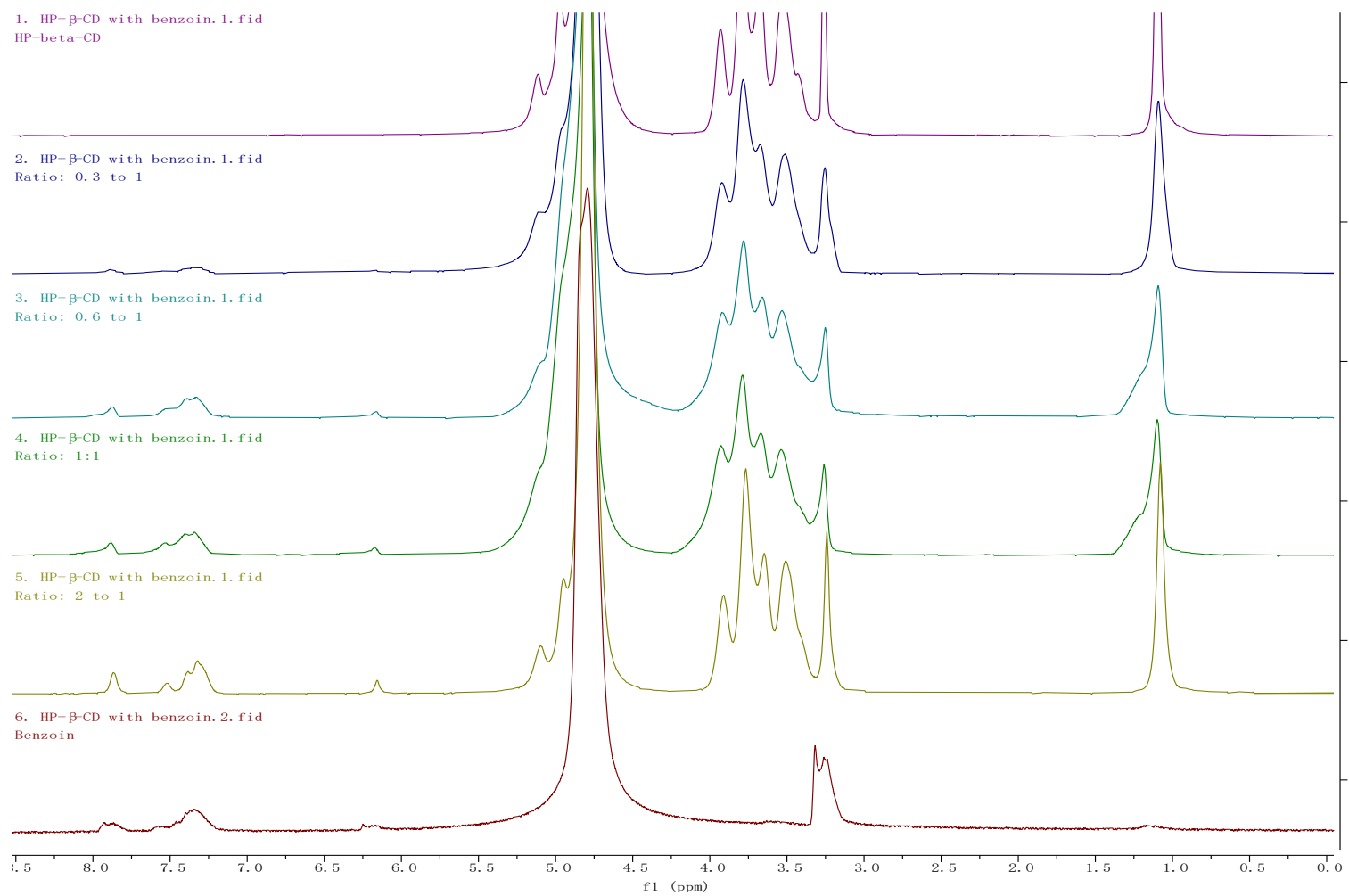


Figure S8. The ¹H NMR titration of the inclusion complexes of HP-β-CD with benzoin.

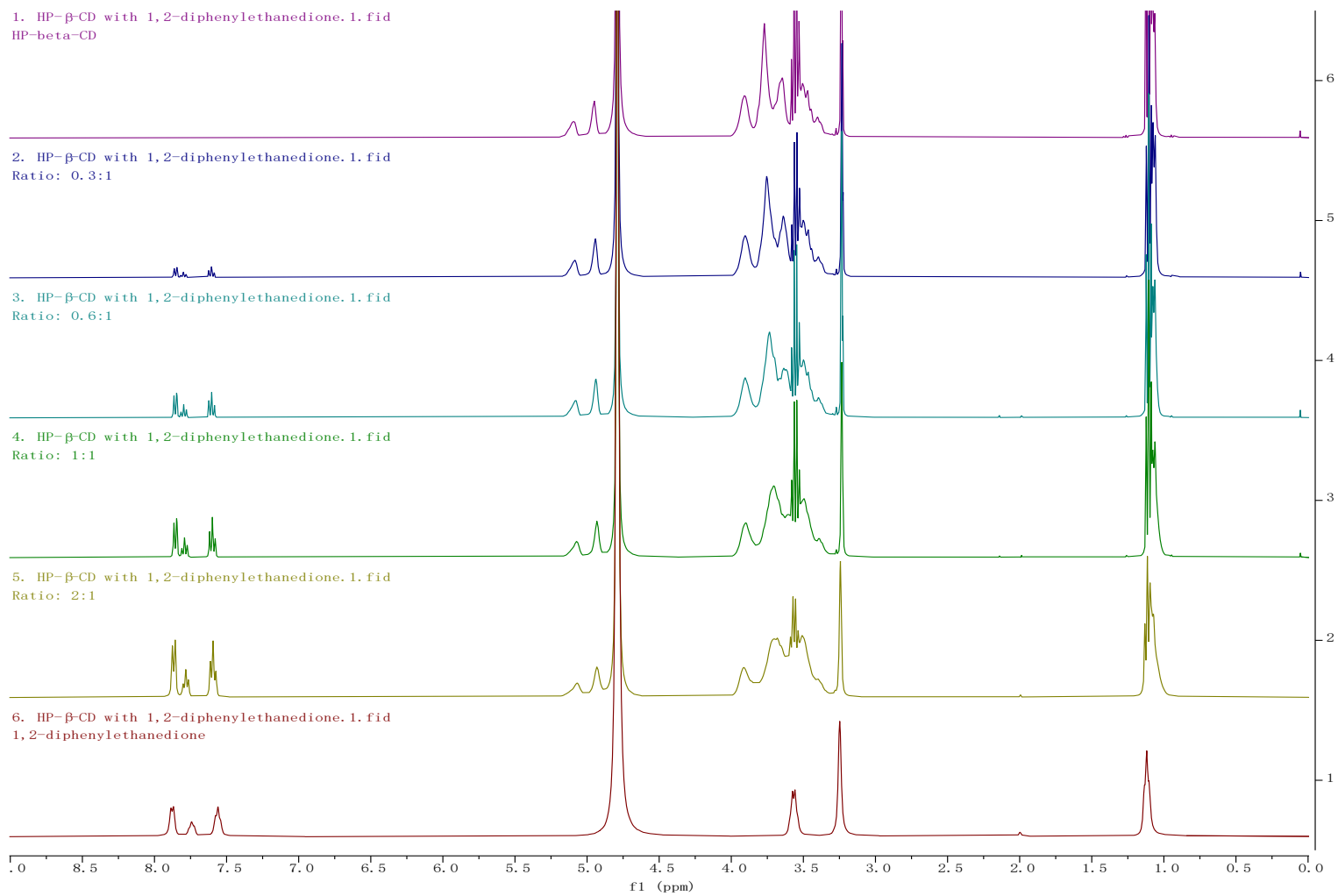


Figure S9. The ¹H NMR titration of the inclusion complexes of HP-β-CD with 1,2-diphenylethanedione.