

Supplementary Data

Studies on the inclusion complexes of daidzein with β -cyclodextrin and derivatives

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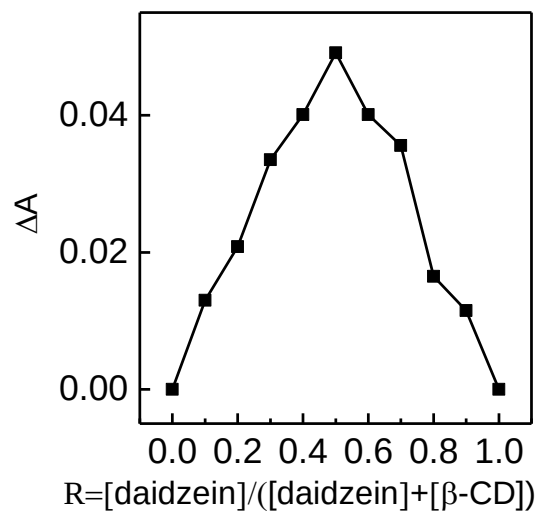


Figure S1 Job's continuous variation plot of the daidzein-β-CD complex

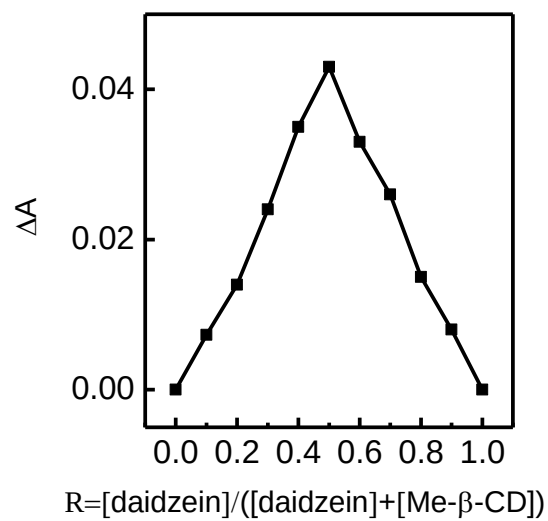


Figure S2 Job's continuous variation plot of the daidzein-Me-β-CD complex

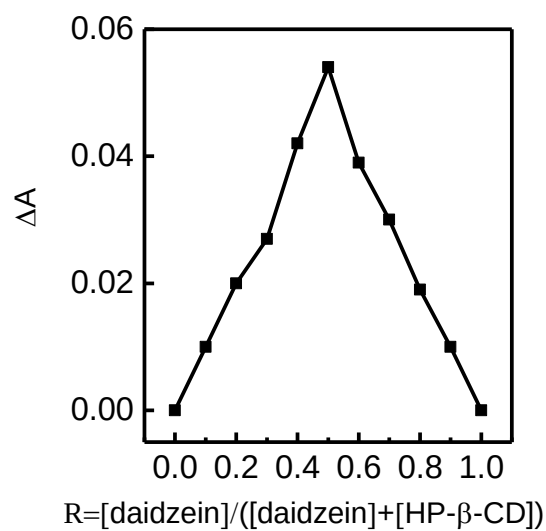


Figure S3 Job's continuous variation plot of the daidzein-HP-β-CD complex

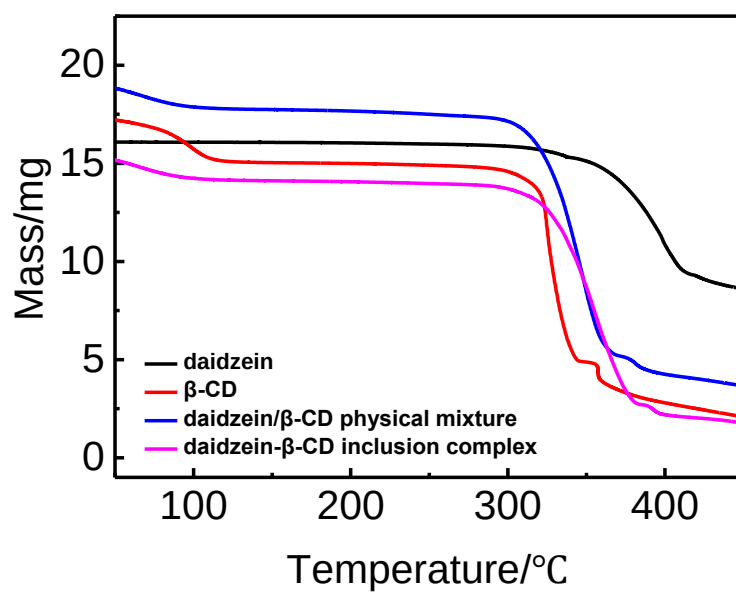


Figure S4 TG curve of daidzein, β-CD, daidzein/β-CD physical mixture, and daidzein-β-CD inclusion complex.

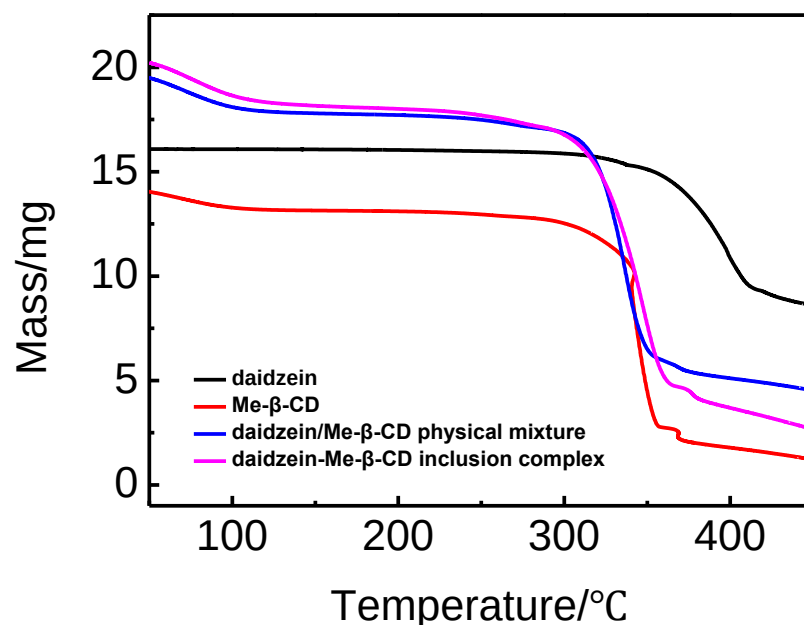


Figure S5 TG curve of daidzein, Me-β-CD, daidzein/Me-β-CD physical mixture, and daidzein-Me-β-CD inclusion complex.

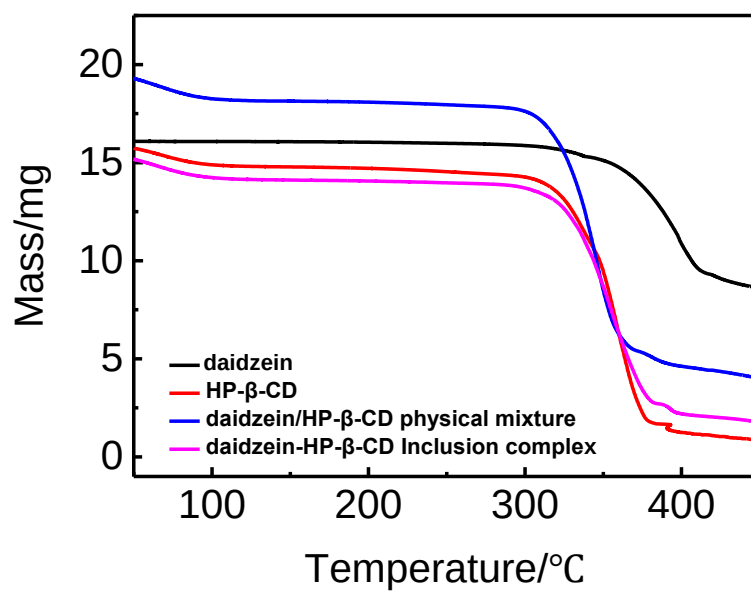


Figure S6 TG curve of daidzein, HP-β-CD, daidzein/HP-β-CD physical mixture, daidzein-HP-β-CD inclusion complex.

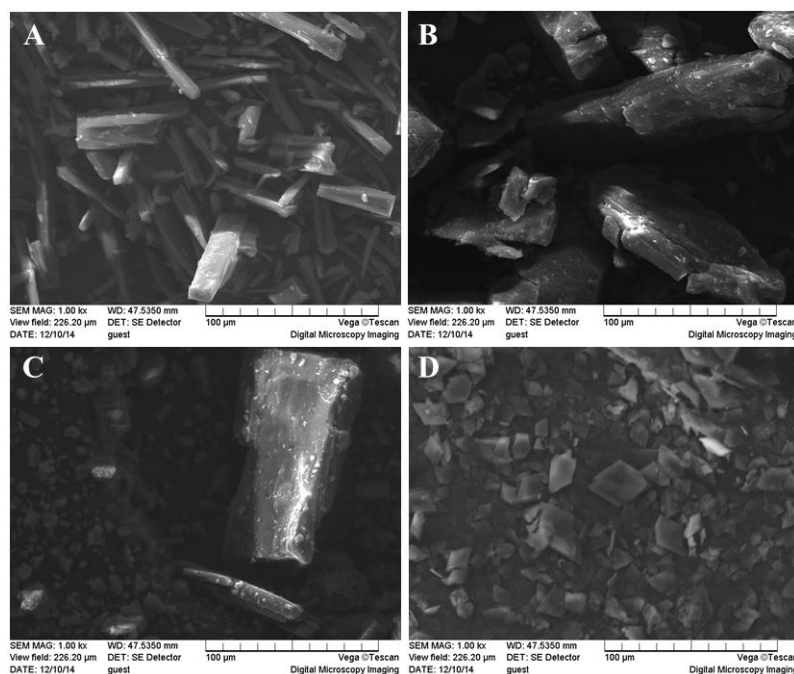


Figure S7 Scanning electron microphotographs: (A) daidzein, (B) β -CD, (C) daidzein/ β -CD physical mixture, (D) daidzein- β -CD inclusion complex.

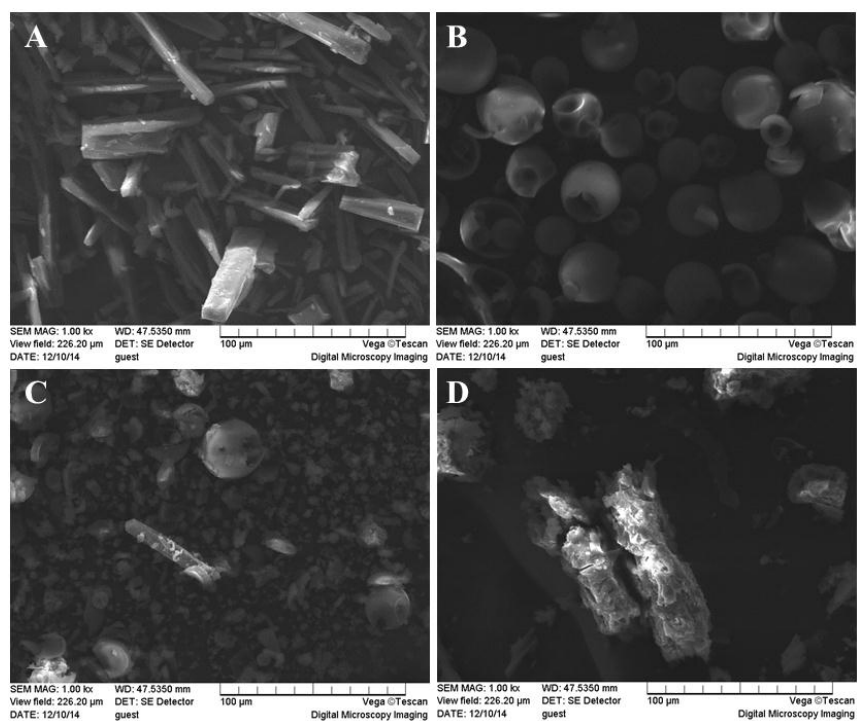


Figure S8 Scanning electron microphotographs: (A) daidzein, (B) Me- β -CD, (C) daidzein/Me- β -CD physical mixture, (D) daidzein-Me- β -CD inclusion complex.

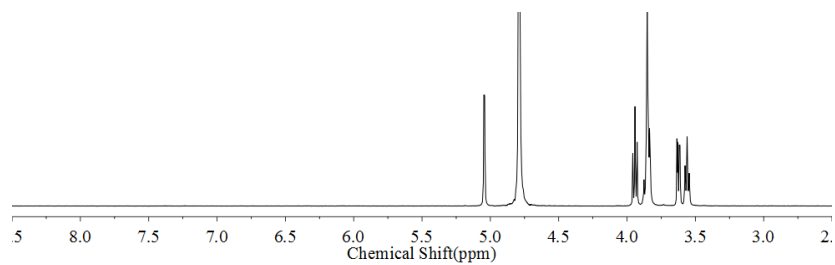


Figure S9 ^1H NMR spectra of β -CD in D_2O at $25\text{ }^\circ\text{C}$

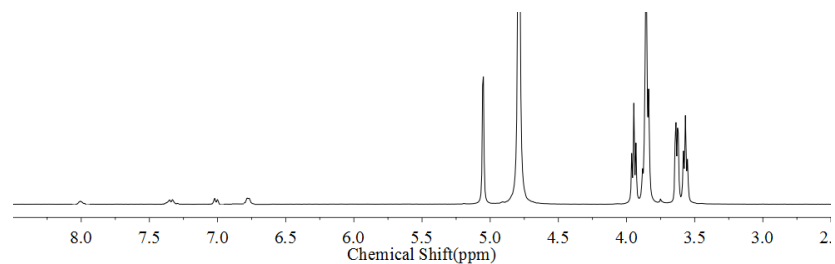


Figure S10 ^1H NMR spectra of daidzein- β -CD inclusion complex in D_2O at $25\text{ }^\circ\text{C}$

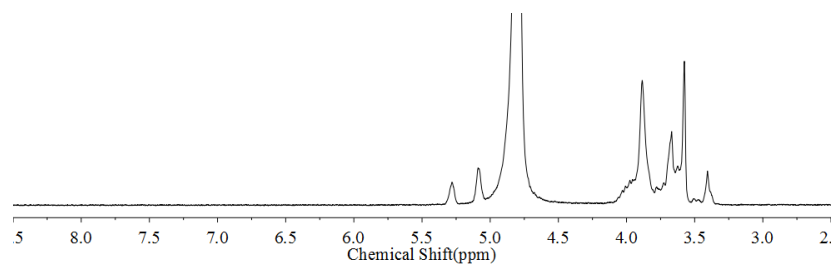


Figure S11 ^1H NMR spectra of Me- β -CD in D_2O at $25\text{ }^\circ\text{C}$

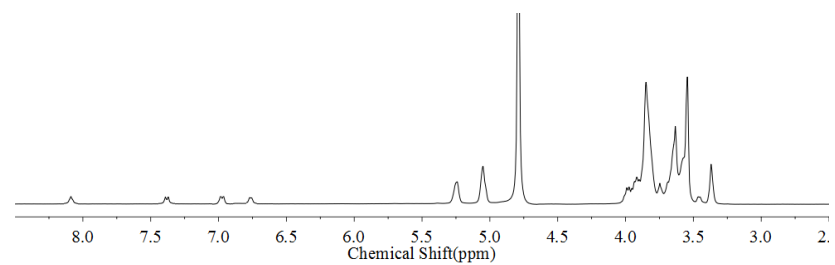


Figure S12 ^1H NMR spectra of daidzein-Me- β -CD inclusion complex in D_2O at $25\text{ }^\circ\text{C}$

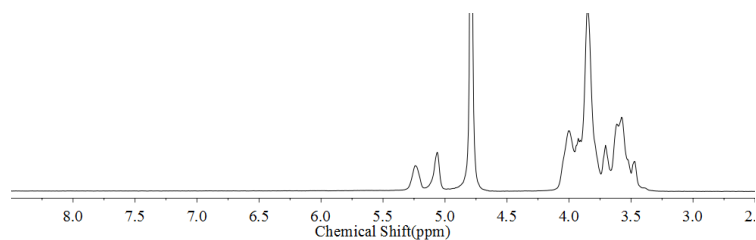


Figure S13 ^1H NMR spectra of HP- β -CD in D_2O at $25\text{ }^\circ\text{C}$

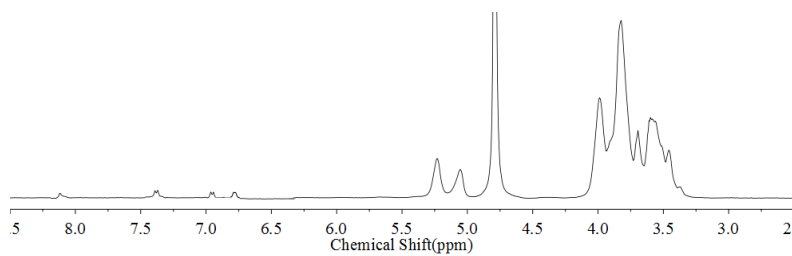


Figure S14 ^1H NMR spectra of daidzein-HP- β -CD inclusion complex in D_2O at $25\text{ }^\circ\text{C}$

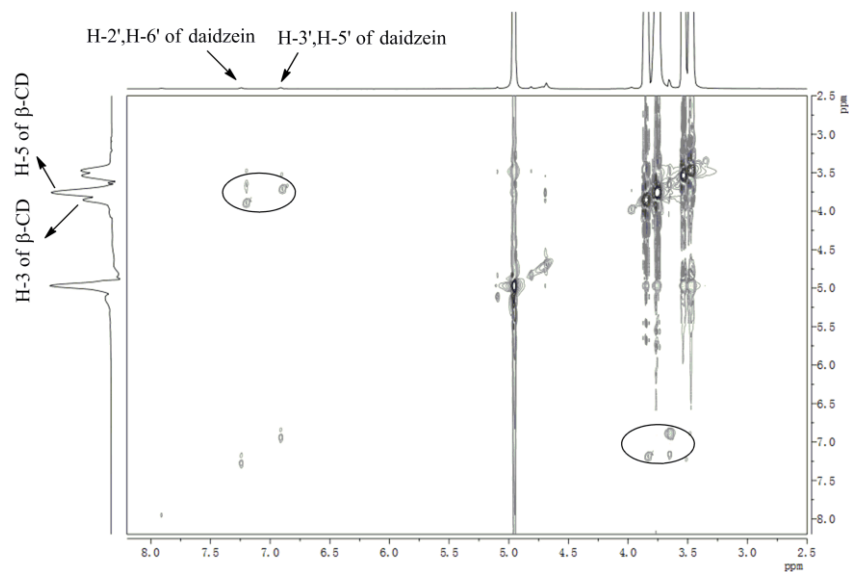


Figure S15 ROESY spectrum of daidzein- β -CD inclusion complex in D_2O at $25\text{ }^\circ\text{C}$

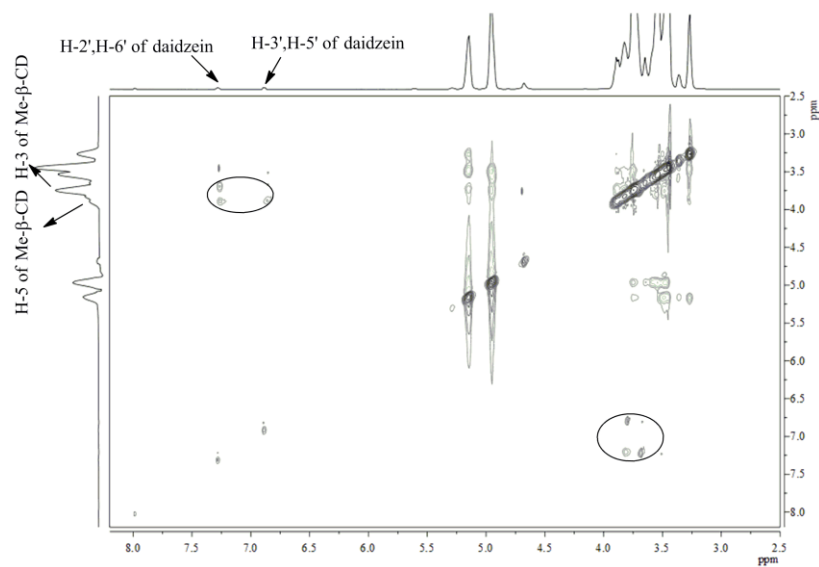


Figure S16 ROESY spectrum of daidzein-Me- β -CD inclusion complex in D_2O at $25\text{ }^\circ\text{C}$