Supporting information


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1. HPLC graph of Figure S₁

Fig. S₁ HPLC chromatogram of (A) Pure curcumin, (B) p-SC₄R and (C) Inclusion complex.
2. *In vitro* dissolution study of Figure S₂

![Dissolution Study of curcumin](image)

Fig. S₂ *In vitro* dissolution profiles of pure curcumin, physical mixture and curcumin / p-SC[4]R inclusion complex.

3. Phase solubility study of Figure S₃

![Phase Solubility Diagram at 25, 35 & 45°C](image)

Fig. S₃ The phase solubility diagrams of curcumin with p-SC[4]R at 25, 35 and 45 °C.
4. Stability study of Figure S₄ & S₅

Fig. S₄ Degradation pattern of substances during storage by dark, light, heat and UV radiation; (A) curcumin and (B) curcumin with p-SC[4]R inclusion complex.
Fig. S5 The stability of curcumin and curcumin / p-SC[4]R complex in the different pH.