The structure-property relationship of four crystal forms of rifaximin

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Comparison between calculated patterns for the structures described in the present work and the patterns published in ref. 1 (CrystEngComm 2008) for patented $\alpha$, $\beta$, $\delta$ and $\epsilon$ forms.

Rifaximin $\alpha_0$ (single crystal data) / Rifaximin form $\alpha$ (ref. 1)
Rifaximin $\alpha_{0.5}$ (single crystal data, RT) / Rifaximin form $\alpha$ (ref. 1)
Rifaximin $\alpha_{1.5}$ (single crystal data) / Rifaximin form $\alpha$ (ref. 1)
Rifaximin $\beta_3$ (single crystal data) / Rifaximin form $\beta$ (ref. 1)
Rifaximin β₄ (single crystal data, from ref. 5, Bacchi et al. 2008) / Rifaximin form β (ref. 1)
Rifaximin $\beta_{4.5}$ (single crystal data) / Rifaximin form $\beta$ (ref. 1)
Rifaximin $\delta_2$ (powder data) / Rifaximin form $\delta$ (ref. 1)
Rifaximin $\varepsilon_{0.5}$ (powder data) / Rifaximin form $\varepsilon$ (ref. 1)