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**Article:**

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## Supporting information

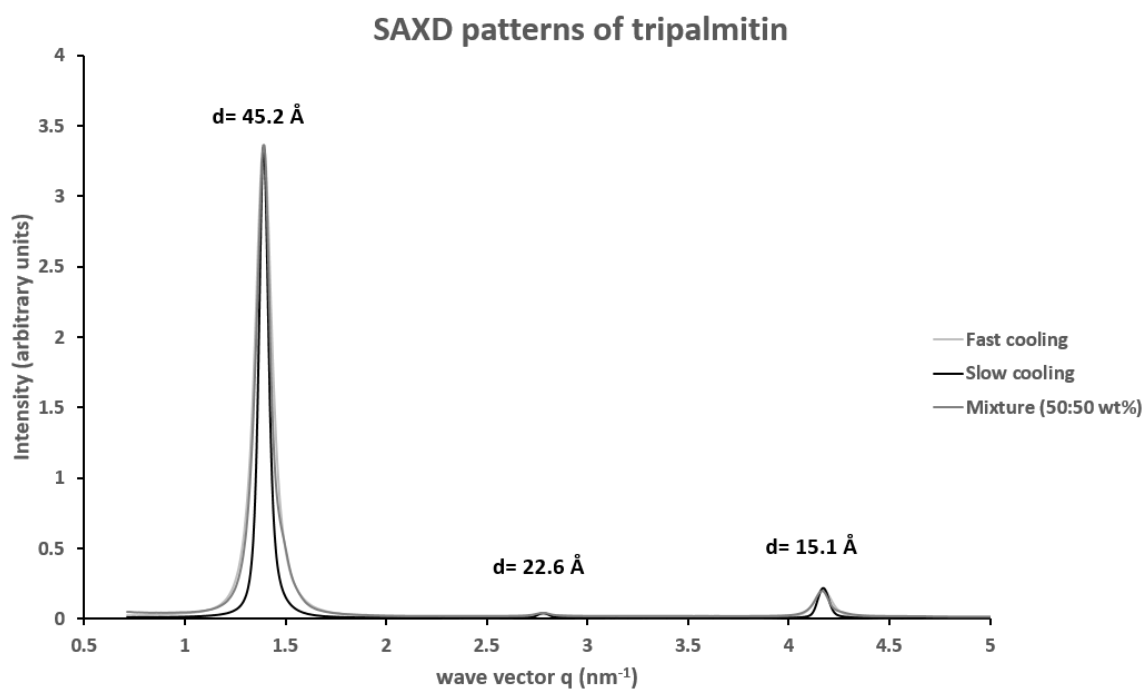


Figure S1. Synchrotron SAXD patterns of tripalmitin crystallized at different thermal conditions.

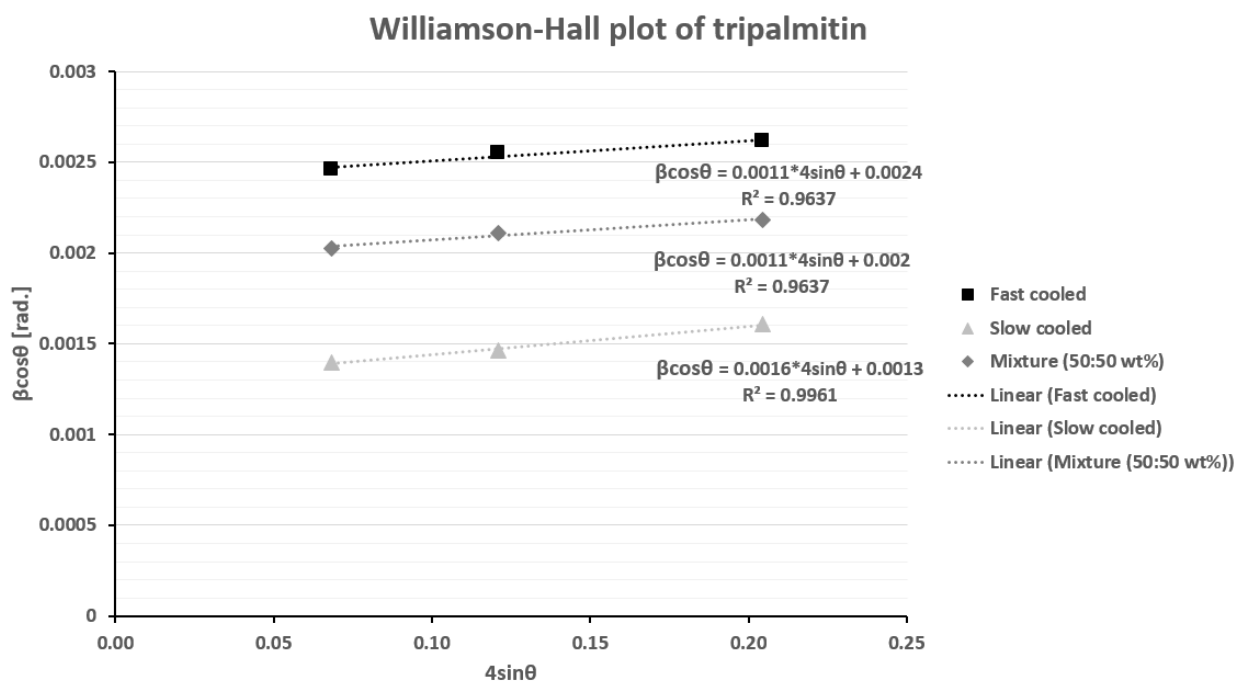


Figure S2. Williamson-Hall plot of long spacing peak broadening of tripalmitin obtained from synchrotron SAXD patterns (Figure S1).