

Evaluating the influence of polymers on nucleation and growth in supersaturated solutions of acetaminophen

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ABSTRACT: The nucleation behavior of supersaturated acetaminophen was studied in the presence and absence of pharmaceutical polymers. Two different techniques involving turbidimetry and particle count analysis were used. Poly(vinylpyrrolidone) and the cellulosic polymers were found to be the most effective at nucleation inhibition at the supersaturation studied.

