

Supplementary Information

Liquid-Assisted Grinding to Prepare a Cocrystal of Adefovir Dipivoxil Thermodynamically Less Stable than Its Neat Phase

Sungyup Jung, Insil Choi and Il Won Kim *

Department of Chemical Engineering, Soongsil University, Seoul 06978, Korea;

E-Mails: yubjjung@soongsil.ac.kr (S.J.); cisq@nate.com (I.C.)

* Author to whom correspondence should be addressed; E-Mail: iwkim@ssu.ac.kr;
Tel.: +82-2-820-0614; Fax: +82-2-812-5378.

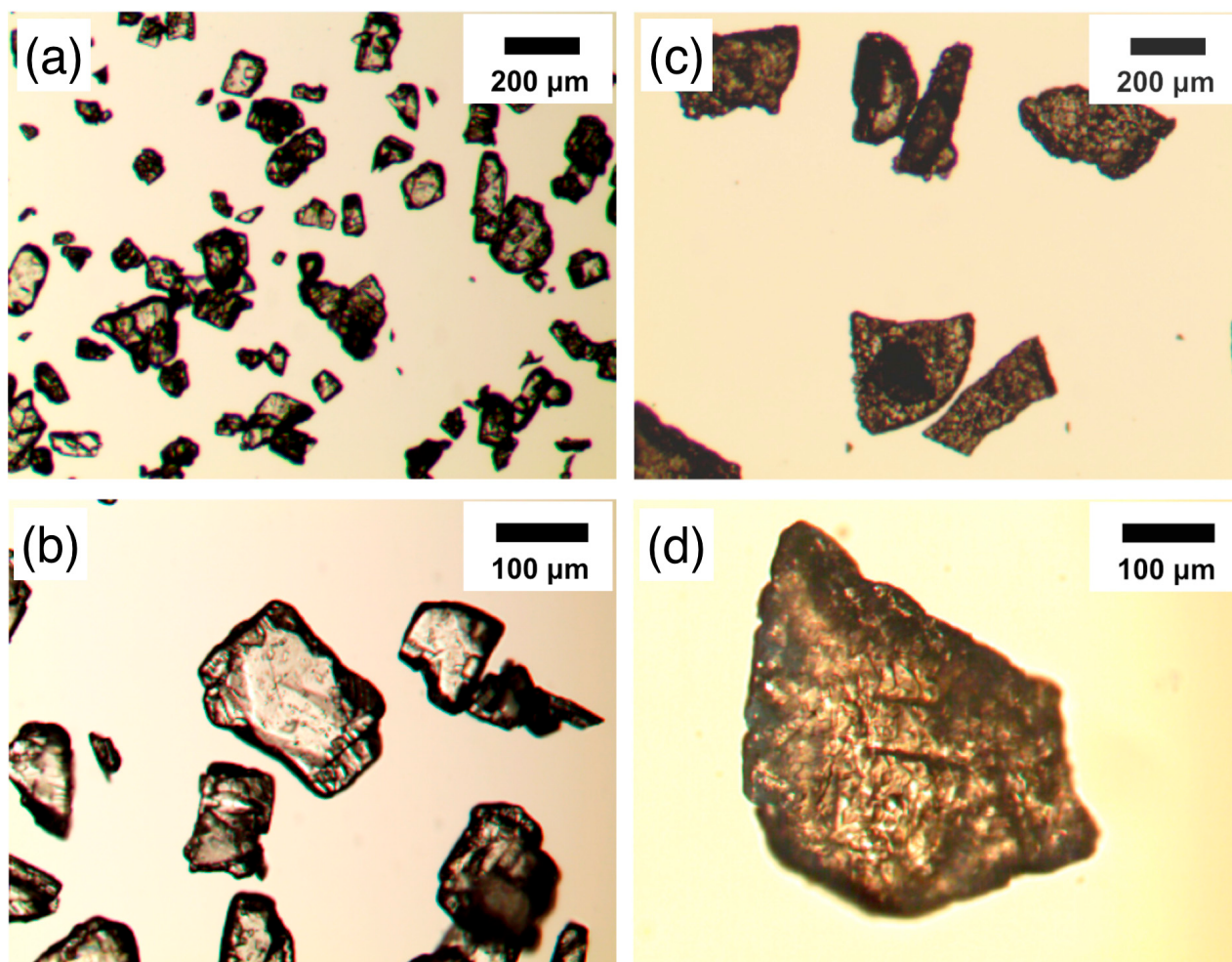


Figure S1. Optical micrographs of suberic acid (SUB) (a,b); glutaric acid (GLU) (c,d).

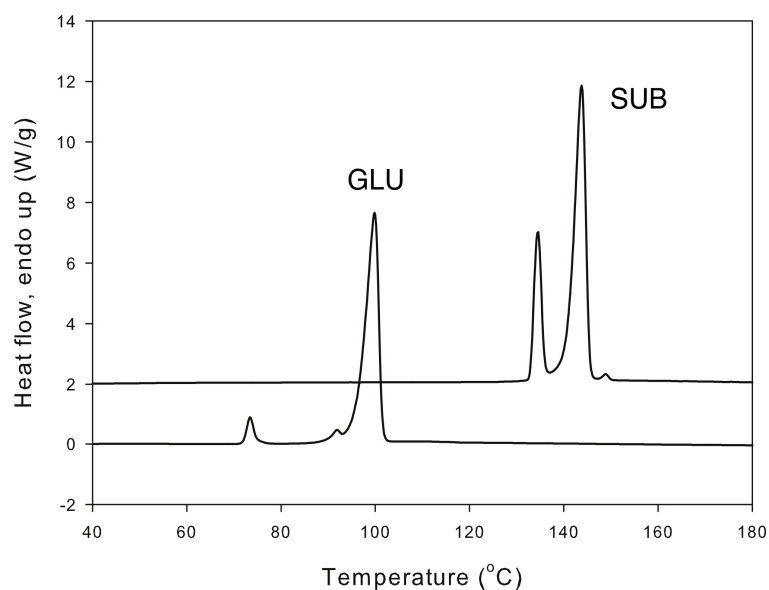


Figure S2. Differential scanning calorimetry thermograms of GLU and SUB observed with a Pyris Diamond TG/DTA (PerkinElmer, Billerica, MA, USA). Both GLU and SUB showed endotherms related to the solid-state phase transition before final melting in agreement with the previous observation [1].

Reference

1. Ha, J.-M.; Hamilton, B.D.; Hillmyer, M.A.; Ward, M.D. Phase behavior and polymorphism of organic crystals confined within nanoscale chambers. *Cryst. Growth Des.* **2009**, *9*, 4766–4777.