



Supporting Materials

Crystal Structures of Antiarrhythmic drug Disopyramide and its Salt with Phthalic acid

Majid Ismail Tamboli^{1, †}, Yushi Okamoto¹, Yohei Utusmi¹, Takayuki Furuishi^{1, †}, Siran Wang¹, Daiki Umeda¹, Okky Dwichandra Putra^{1, *}, Kaori Fukuzawa¹, Hidehiro Uekusa² and Etsuo Yonemochi^{1,*}

- ¹ Department of Physical Chemistry, School of Pharmacy and Pharmaceutical Sciences, Hoshi University, 2-4-41 Ebara, Shinagawa-ku, Tokyo, 142-8501, Japan
- ² Department of Chemistry, School of Science, Tokyo Institute of Technology, Tokyo 152-8551, Japan
- * Correspondence: dwichandraputra@yahoo.com; Tel.: +81-3-5498-5148 (O.P.); e-yonemochi@hoshi.ac.jp; Tel.: +81-3-5498-5048 (Y.E.)
- **†** Co-first author, these authors contributed equally to this work.

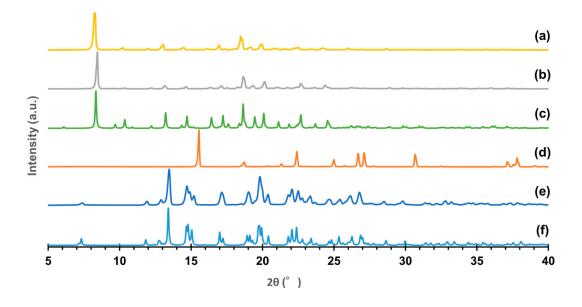


Figure 1. PXRD patterns of (**a**) commercial DPA; (**b**) DPA crystal, (**c**) simulated DPA, (**d**) PA, (**e**) DPA_PA salt and (**f**) simulated DPA_PA salt.

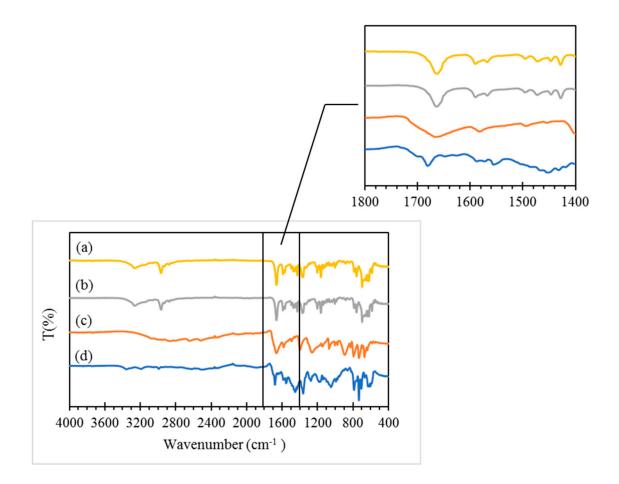


Figure S2. FT-IR spectra of (a) commercial DPA; (b) DPA crystal, (c) PA, (d) DPA_PA salt.

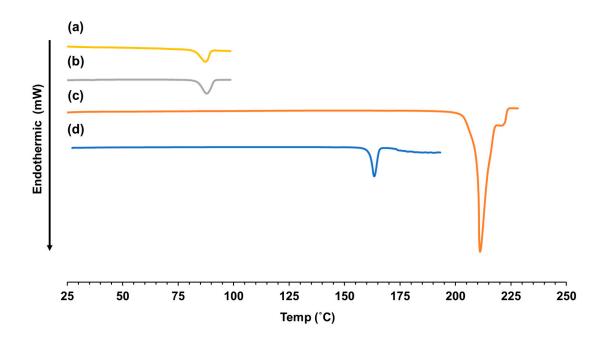


Figure S3. DSC profiles of (a) commercial DPA, (b) DPA crystal, (c) PA, (d) DPA_PA

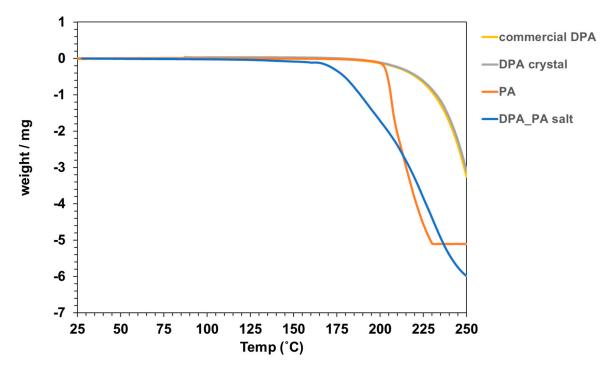


Figure S4. TG curves of commercial DPA (yellow), DPA crystal (gray), PA (orange), DPA_PA salt (blue)