

Electronic Supporting Information for

Polymorphism in secondary squaramides: on the importance of π -interactions involving the four membered ring

Rafel Prohens,^{,a} Anna Portell,^a Oriol Vallcorba,^b Mercè Font-Bardia,^c Antonio Bauzá,^d and Antonio Frontera^{*,d}*

^aUnitat de Polimorfisme i Calorimetria, Centres Científics i Tecnològics, Universitat de Barcelona, Baldiri Reixac 10, 08028 Barcelona, Spain. E-mail: rafel@ccit.ub.edu.

^bALBA Synchrotron Light Source, Cerdanyola del Vallès, Barcelona 08920, Spain

^cUnitat de Difracció de Raigs X, Centres Científics i Tecnològics, Universitat de Barcelona.

^dDepartament de Química, Universitat de les Illes Balears, Crta. de Valldemossa km 7.5, 07122 Palma (Balears), Spain. E-mail: toni.frontera@uib.es.

Table of contents:

1. PXRD pattern of form 1a after long time showing transformation into 1d (+ α) at room temperature. Red (PXRD pattern of form 1a simulated from SXRD), blue (PXRD pattern of form 1a after long time) and green (PXRD pattern of form 1d (+ α)).

