ASSOCIATED CONTENT

Supporting Information

Equations used for calculation of yield and productivity for single batch PC processes

$$Pr = \frac{(m_{pr}*Pu) - m_{seed}}{V_{cryst}*t_{exp}}$$

S1

$$Y = \frac{(m_{pr}*Pu) - m_{seed}}{m_{theo}*0.5}$$

S2

Equation used for calculation of yield and productivity for CPCD process

Crystallization tank

$$Pr = \frac{(m_{pr}*Pu) - m_{seed}}{V_{cryst}*t_{exp}}$$

S3

$$Y = \frac{(m_{pr}*Pu) - m_{seed}}{(m_{theo}*0.5) + (m_{solid\ excess}*0.5)}$$

S4

Dissolution tank

$$Pr = \frac{(m_{pr}*Pu)}{V_{cryst}*t_{exp}}$$

S5

$$Y = \frac{(m_{pr}*Pu)}{m_{solid\ excess}*0.5}$$

S6