

Supplementary information

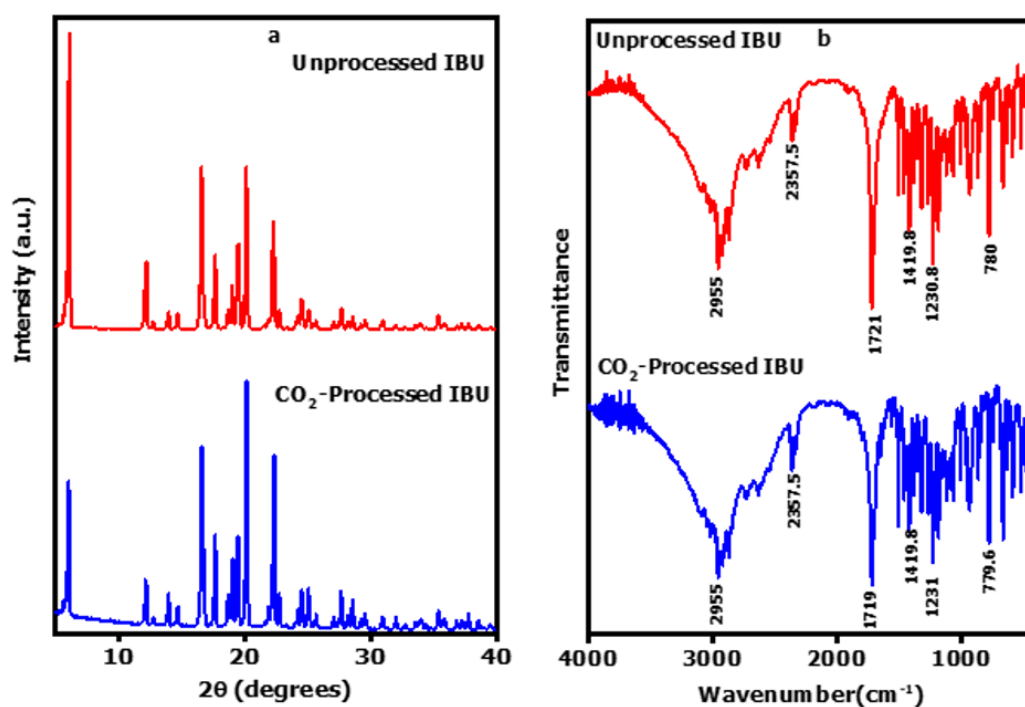


Fig S1. (a) XRD pattern of IBU before and after scCO₂ processing; (b) FT-IR spectrum of IBU before and after scCO₂ processing.

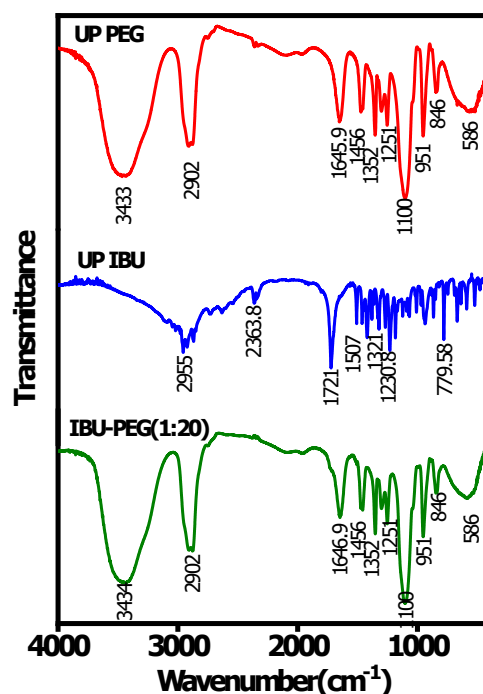


Fig S2. FT-IR spectrum of unprocessed IBU, unprocessed PEG, and scCO₂-processed IBU-PEG.

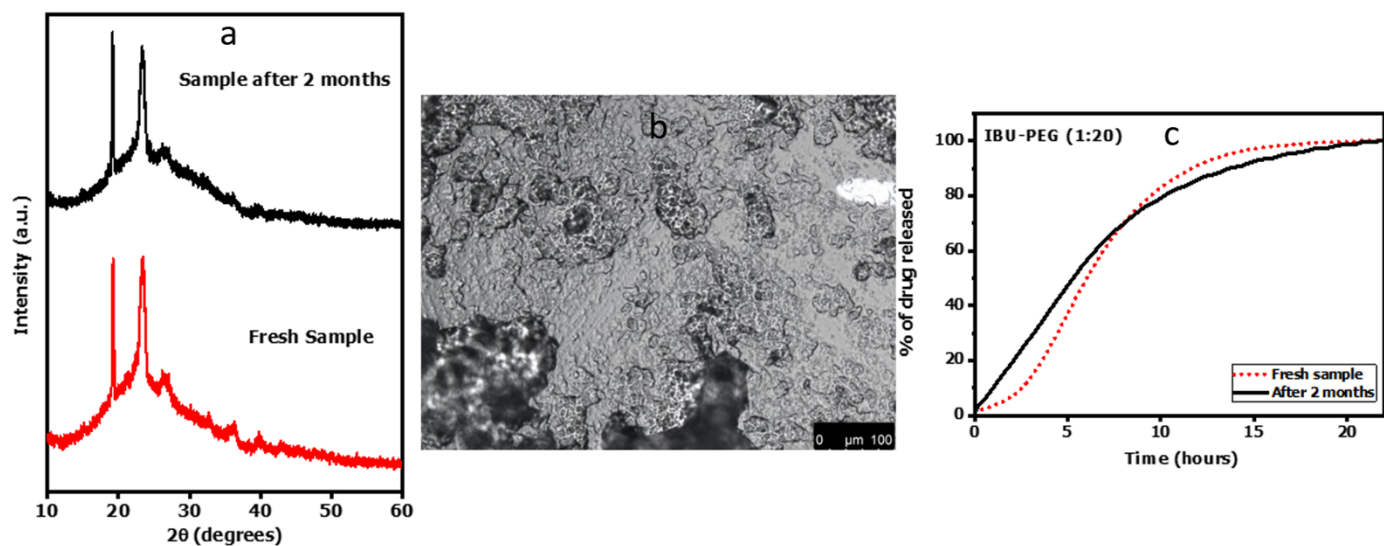


Fig S3. (a) XRD pattern of IBPEGCO₂ just after scCO₂-processing and after two months of storage; (b) optical microscopic image of IBPEGCO₂ after two months; and (c) drug-release curves of IBPEGCO₂ after two months with the reference curve of a fresh sample.

