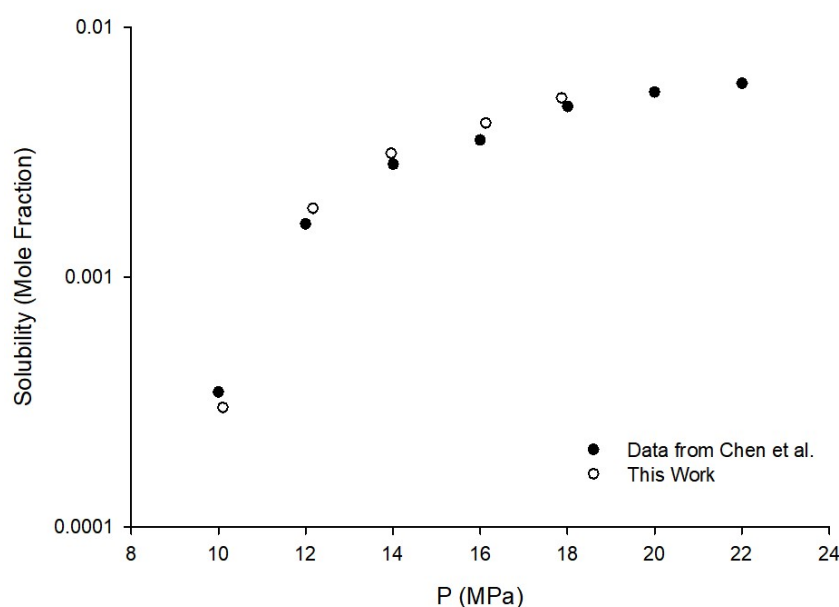
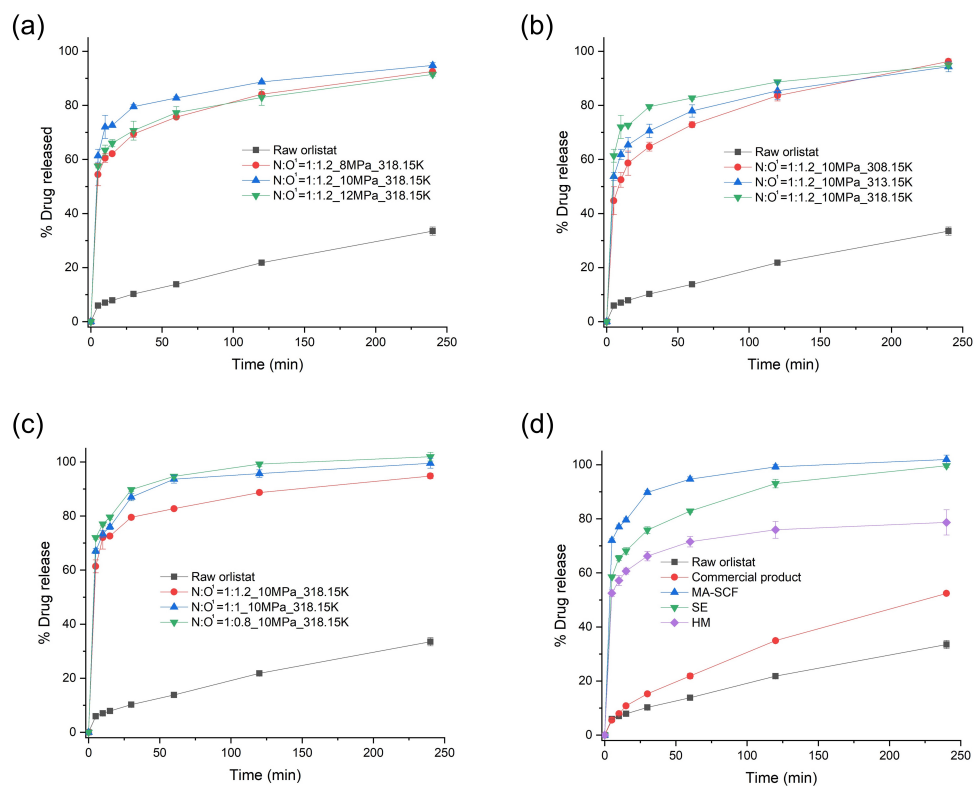


# Supplementary Materials: Melt Amorphisation of Orlistat with Mesoporous Silica using a Supercritical Carbon Dioxide: Effects of Pressure, Temperature, and Drug Loading Ratio and Comparison with other Conventional Amorphisation Methods

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**Figure S1.** Comparison of the solubility data for fenofibrate in SC-CO<sub>2</sub> at 318.15 K reported in the literature [40] and this work.



**Figure S2.** Dissolution profiles of orlistat-loaded Neusilin®UFL2: (a) effect of pressure; (b) effect of temperature; and (c) effect of orlistat mass ratio for MA-SCF process; and (d) effect of preparation method. <sup>1</sup>N:O is the mass ratio of Neusilin®UFL2:Orlistat.