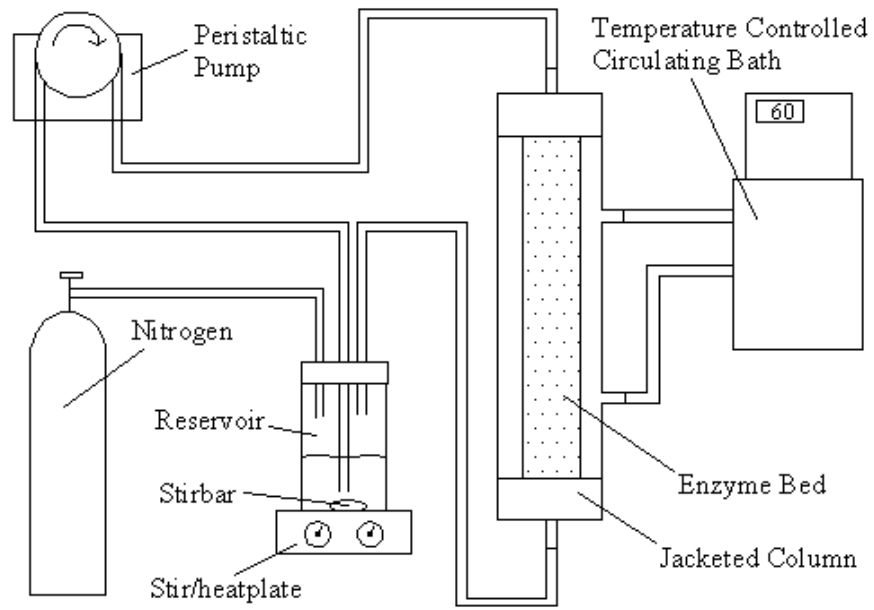
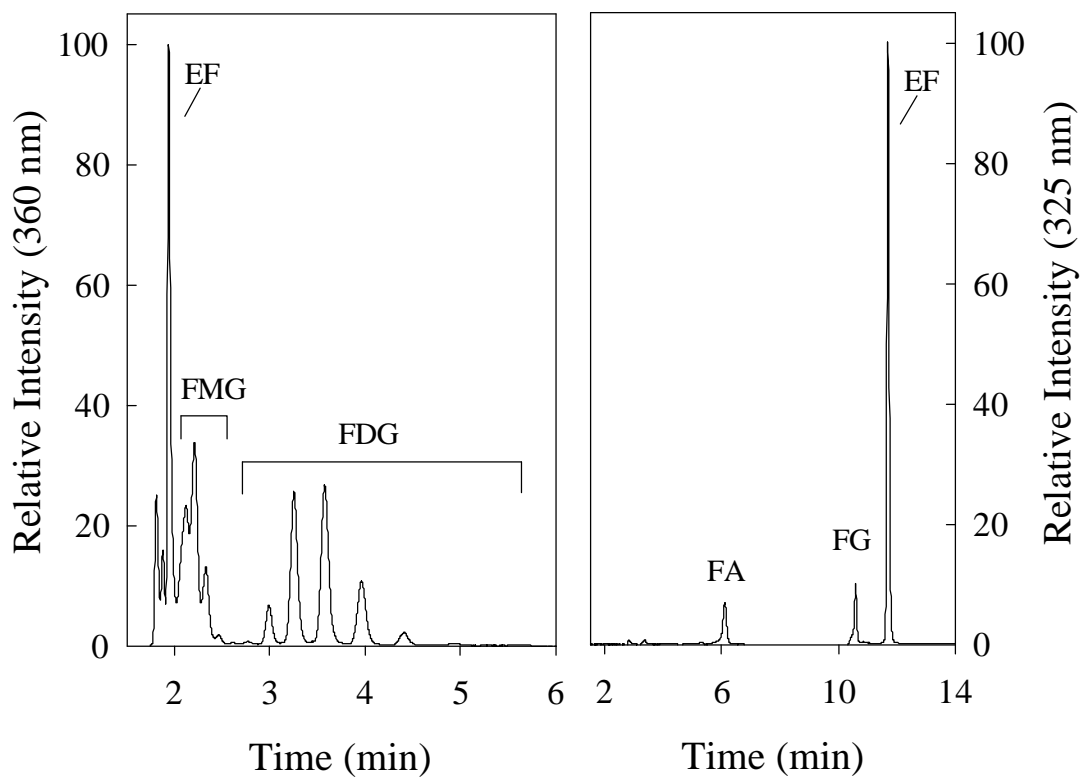


Supplemental Figure 1. Bioreactor schematic.



Supplemental Figure 2. HPLC chromatographic analysis of SoyScreen™ after 144 h of reaction with a drying column present. Left panel: isocratic elution profile of ethyl ferulate (EF), feruloyl monoacylglycerols (FMG), and feruloyl diacylglycerols (FDG). Ferulic acid (FA) and feruloyl glycerol (FG) elute ahead of EF. Right panel: gradient elution profile of FA, FG and EF.



Supplemental Figure 3. Schematic of liquid CO₂ fractionation apparatus. Key: RD, rupture disk; PG, pressure gauge; MMV, micrometering valve; DTM, dry test meter; F, filter; R, rotometer.

