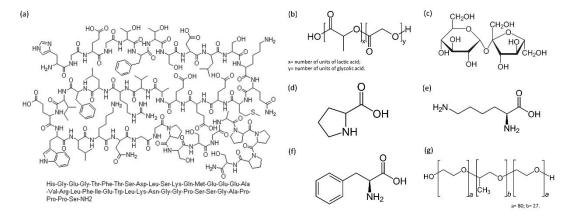


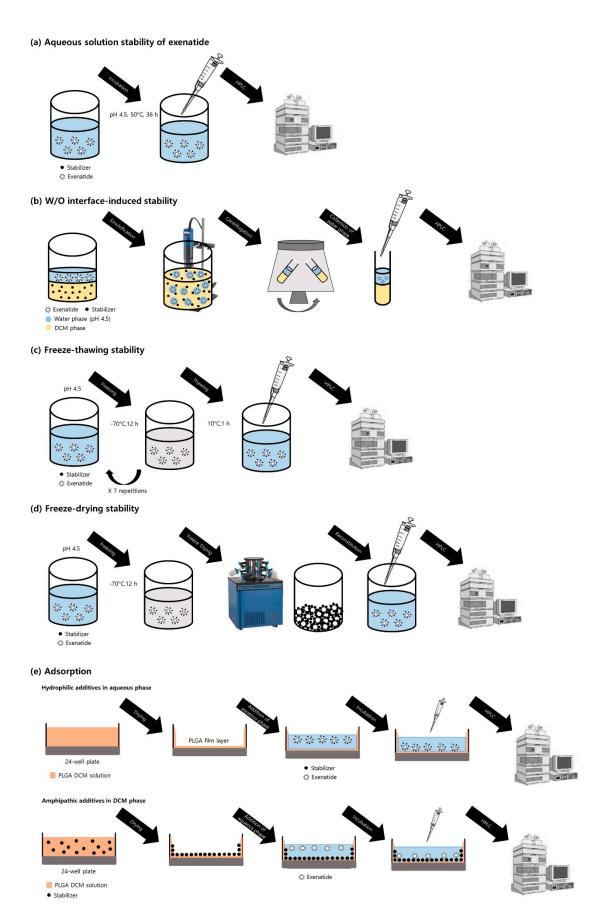


## Supplementary Materials: Effect of Stabilizers on Encapsulation Efficiency and Release Behavior of Exenatide loaded PLGA Microsphere Prepared by the W/O/W Solvent Evaporation Method

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**Figure S1.** Chemical structures: (a) exenatide; (b) PLGA; (c) sucrose; (d) proline; (e) lysine; (f) phenylalanine; (g) poloxamer 188.



**Figure S2.** Schematic representation of stability test methods: (a) aqueous solution stability; (b) W/O interface-induced stability; (c) freeze-thawing stability; (d) freeze-drying stability; (e) adsorption.