

Supporting Information

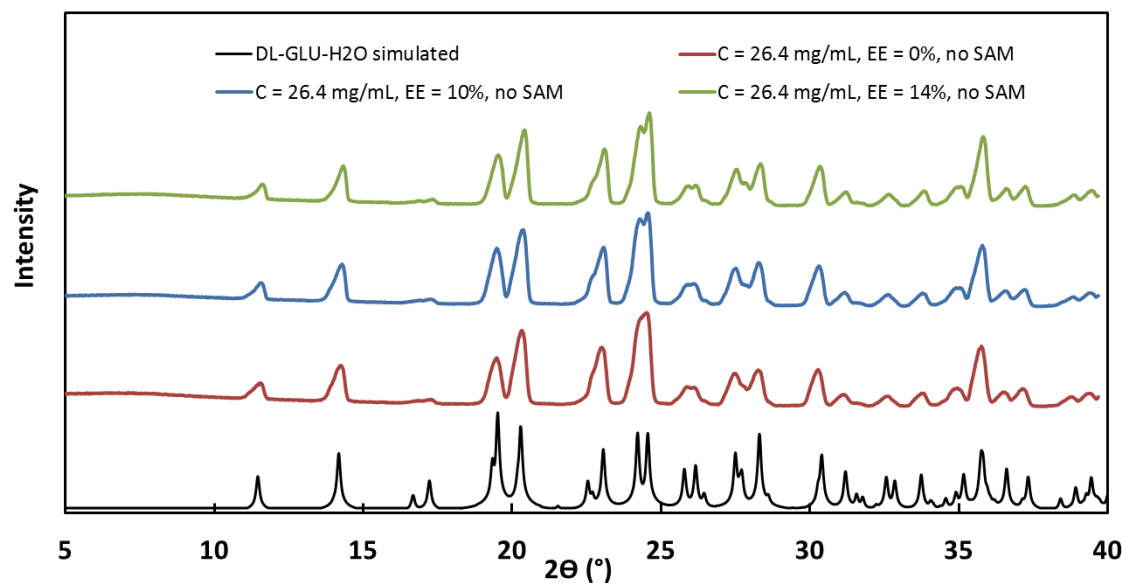


Figure S1. The XRPD pattern of glutamic acid crystals collected in the control experiments without using any SAM surface.

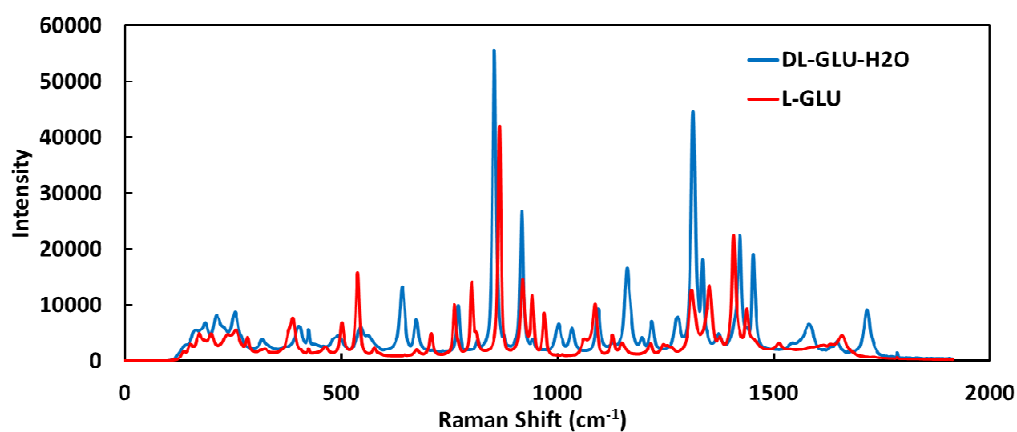


Figure S2. Raman spectra of DL-glutamic acid monohydrate and L-glutamic acid (the β polymorph).

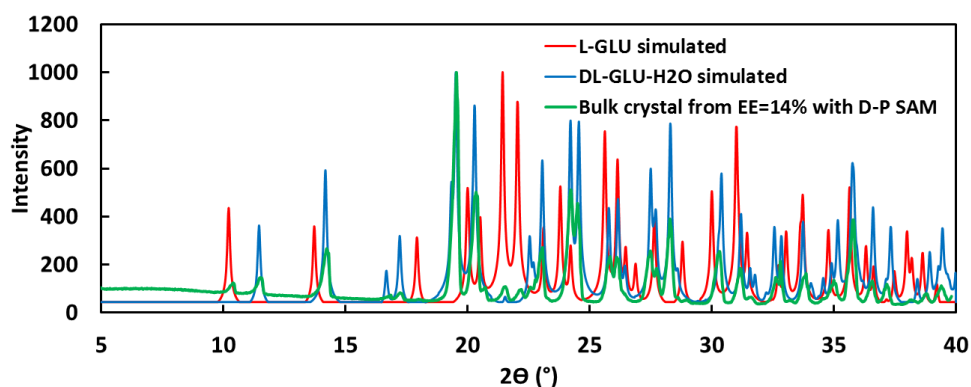


Figure S3. The XRPD pattern of crystals collected at the bottom of the crystallization vial ($C=26.4$ mg/mL, EE (L) = 14%, SAM=D-P) and the simulated patterns of DL-glutamic acid monohydrate and L-glutamic acid (the β polymorph).

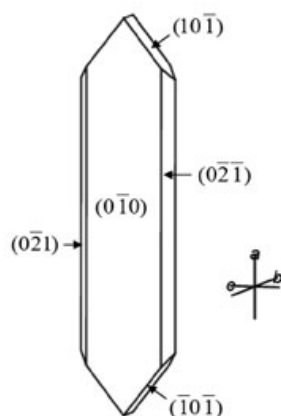


Figure S4. The morphology of L-glutamic acid crystal from bulk crystallization from aqueous solutions, obtained from reference 30.