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Support materials

Figure Legends

Fig. S1 SEM images and surface nitrogen content of pretreated bamboo residues (a),

DAP-BR (b), DAP-BR preabsorbed by milk protein.

Fig. S2 The 2D HSOC side chain region spectra of (a), DAP-SL (b), DAP-MWL and

aromatic ring region spectra of (c), DAP-SL (d), DAP-MWL from DAP-BR.

Fig. S3 The Inferred structure of DAP-SL

Fig. S4 Simulated protein-small molecule complex interactions by Ligplot + (a), 0 ns

(b), 50 ns



Fig. S1



Fig. S2



Fig. S3



Fig. S4