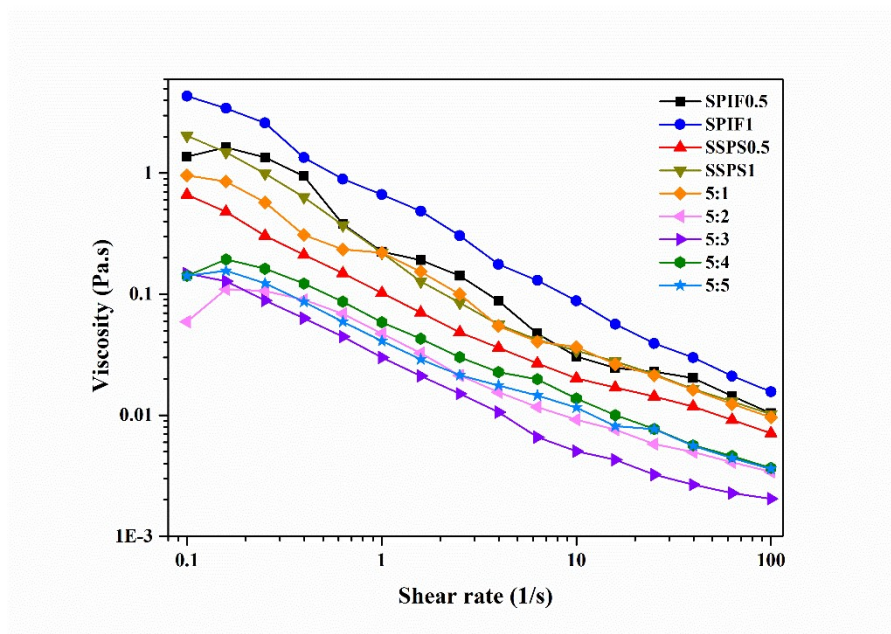


## Supplements

**Table S1.** Quantification estimation of the secondary structure of SPIF and SPIF/SSPS complex with different SPIF and SSPS ratio.

Samples	$\alpha$ -helix/%	$\beta$ -sheet/%	$\beta$ -turn/%	random coil/%
SPIF	0	66.72	31.59	1.69
5:1	5.33	66.65	25.38	2.64
5:2	7.04	64.11	26.06	2.79
5:3	8.46	64.13	26.40	1.01
5:4	8.35	63.81	26.07	1.77
5:5	9.82	60.41	26.80	2.97

Secondary structure was deconvolved from amide bands I (1700-1600  $\text{cm}^{-1}$ ).  $\alpha$ -helix (1648-1664  $\text{cm}^{-1}$ ),  $\beta$ -sheet (1615-1637  $\text{cm}^{-1}$ , 1682-1770  $\text{cm}^{-1}$ ),  $\beta$ -turn (1664-1681  $\text{cm}^{-1}$ ) and random coil (1637-1648  $\text{cm}^{-1}$ ).



**Figure S1.** Apparent viscosity of emulsions stabilized by SPIF, SSPS and SPIF/SSPS complexes.