

Table S8. Thermodynamic parameters of the interaction of ARPPE, aRPPE with sodium taurocholate (NaTC) and sodium glycylocholate (NaGC) at different temperatures.

Samples	T (K)	Ka 10^3 M^{-1}	n	R ²	ΔG (kJ/mol)	ΔH (kJ/mol)	ΔST (kJ/mol)
ARPPE-CH	298.15	0.9361	0.4141	0.9275	-16.9594		
	303.15	0.6440	0.9913	0.9346	-16.3011	-47.8650	0.1038
	310.15	0.4406	0.5143	0.9304	-15.6988		
aRPPE-CH	298.15	0.6273	0.5760	0.8508	-15.9671		
	303.15	0.4793	0.2686	0.8588	-15.5567	-35.1180	0.0643
	310.15	0.3611	0.2748	0.8856	-15.1857		
ARPPE-NaTC	298.15	0.2826	0.3212	0.9947	-13.9905		
	303.15	0.4276	0.2547	0.9625	-15.2690	37.6990	0.1739
	310.15	0.5118	0.4953	0.9327	-16.1201		
aRPPE-NaTC	298.15	0.2194	0.6795	0.9645	-13.3631		
	303.15	0.3492	0.6793	0.9724	-14.7368	34.4660	0.1611
	310.15	0.3858	0.3151	0.9027	-15.3563		
ARPPE-NaGC	298.15	0.1102	0.3663	0.9657	-11.6561		
	303.15	0.1556	0.2395	0.9538	-12.7211	61.0170	0.2436
	310.15	0.2836	0.5139	0.9244	-14.5627		
aRPPE-NaGC	298.15	0.0794	0.5136	0.9603	-10.8436		
	303.15	0.1056	0.5255	0.9389	-11.7442	52.2220	0.2113
	310.15	0.1781	0.5058	0.9699	-13.3631		