

Electronic Supplementary Information

Influence of cholinium-based ionic liquids on the structural stability and activity of α -chymotrypsin

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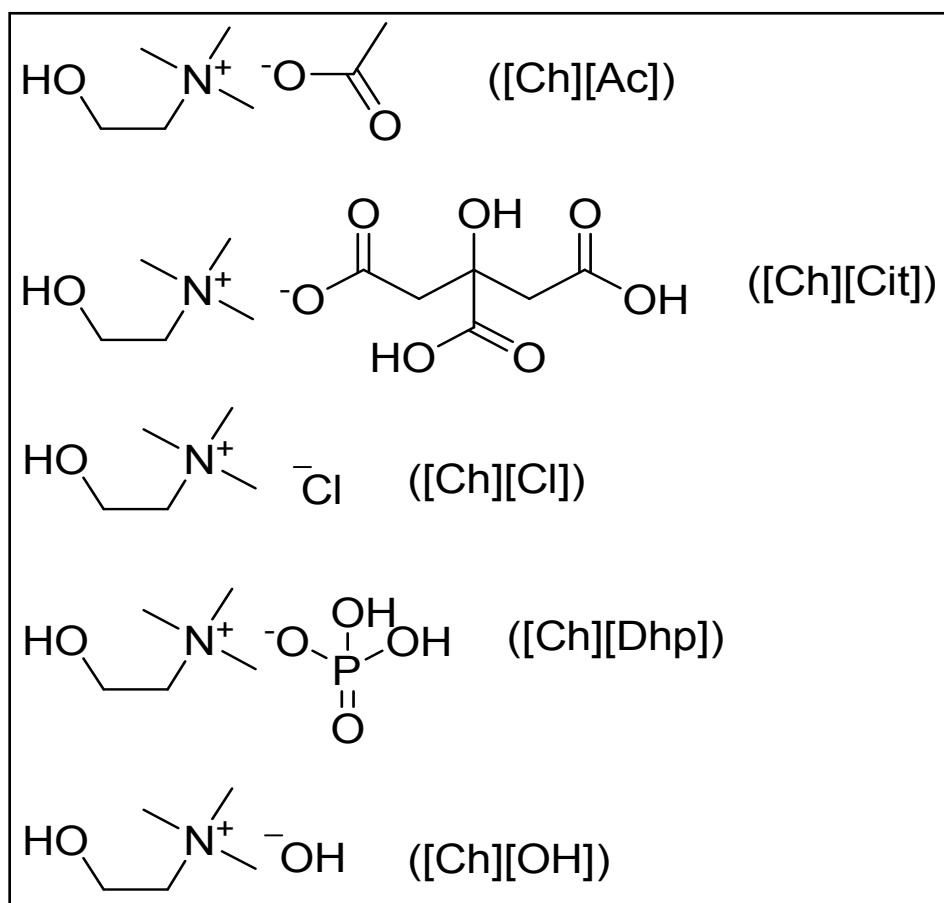


Figure S1. Chemical structures of choline (C₅H₁₄NO⁺) based ILs.

Table S1 Hydrodynamic diameter (d_H) of CT in the presence of various concentrations of ILs.

Concentration of ILs (M)	Hydrodynamic diameter (d_H)/(nm) of CT in ILs				
	[Ch][Ac]	[Ch][Cit]	[Ch][Cl]	[Ch][Dhp]	[Ch][OH]
0.0	4.50	4.50	4.50	4.50	4.50
0.05	4.16	4.65	4.22	4.40	5.22
0.1	4.06	5.00	4.03	4.51	5.91
0.2	3.89	5.44	4.49	4.80	6.12
0.5	4.15	5.89	4.52	5.19	168
1.0	4.58	6.89	4.71	5.70	183
1.5	6.20	9.41	5.05	6.20	213