Electronic Supplementary Material (ESI) for Physical Chemistry Chemical Physics.

Supporting Information for

The effect of hydronium ions on the structure of phospholipid membranes

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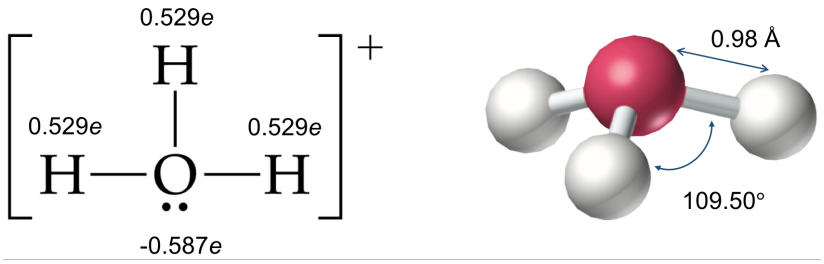

Figure S1. Partial charges and molecular geometry of the H3O+ ion used in this study. The structure and parameter files can be downloaded from the ATB (https://atb.uq.edu.au, molid 3859).

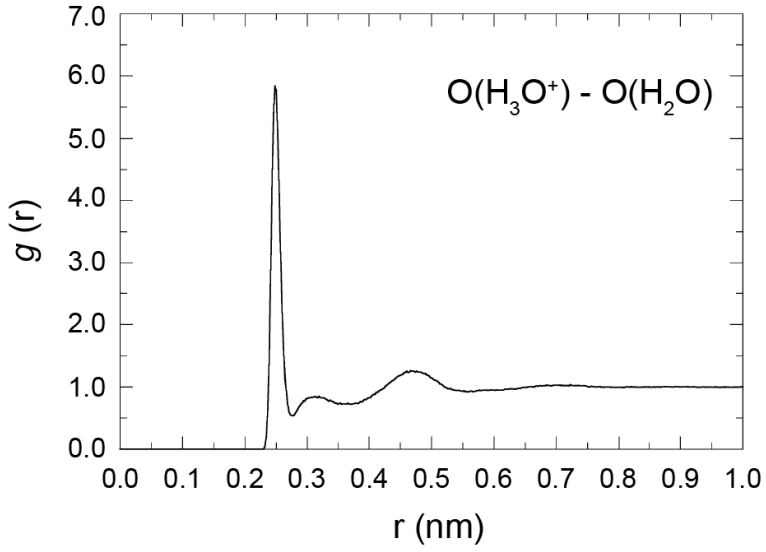

Figure S2. Radial distribution function $g(r)$ for H_3O^+ – H_2O. $g(r)$ was calculated using the positions of the oxygen atoms of the for H_3O^+ and H_2O molecules in a 40-ns simulation of a bulk solution of water with 0.04M [H_3O^+] and 0.15 M [NaCl].