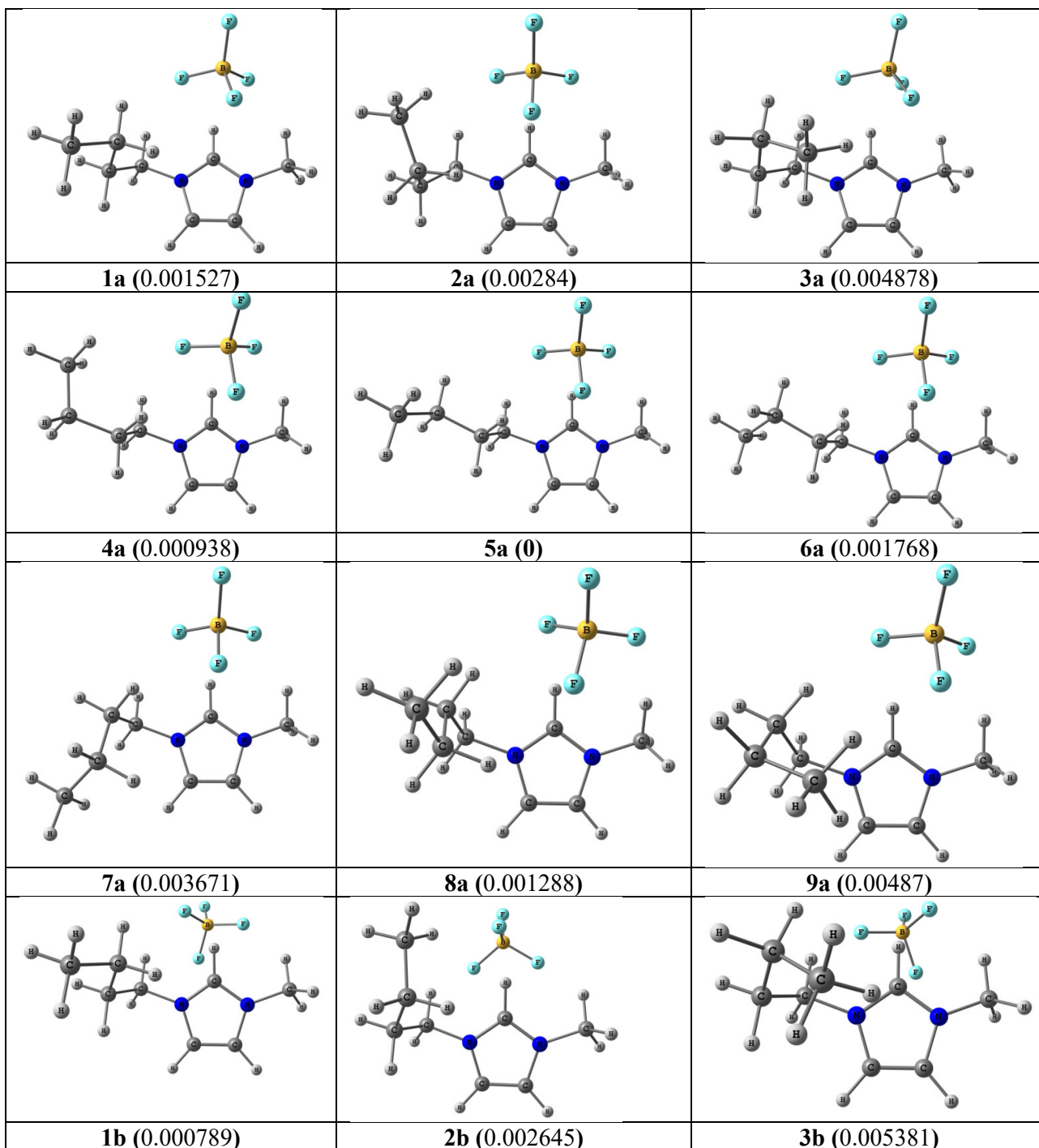


Supplementary materials to

To the question of the composition of saturated vapor over 1-butyl-3-methylimidazolium tetrafluoroborate ionic liquid: a multi-technique study of the vaporization process

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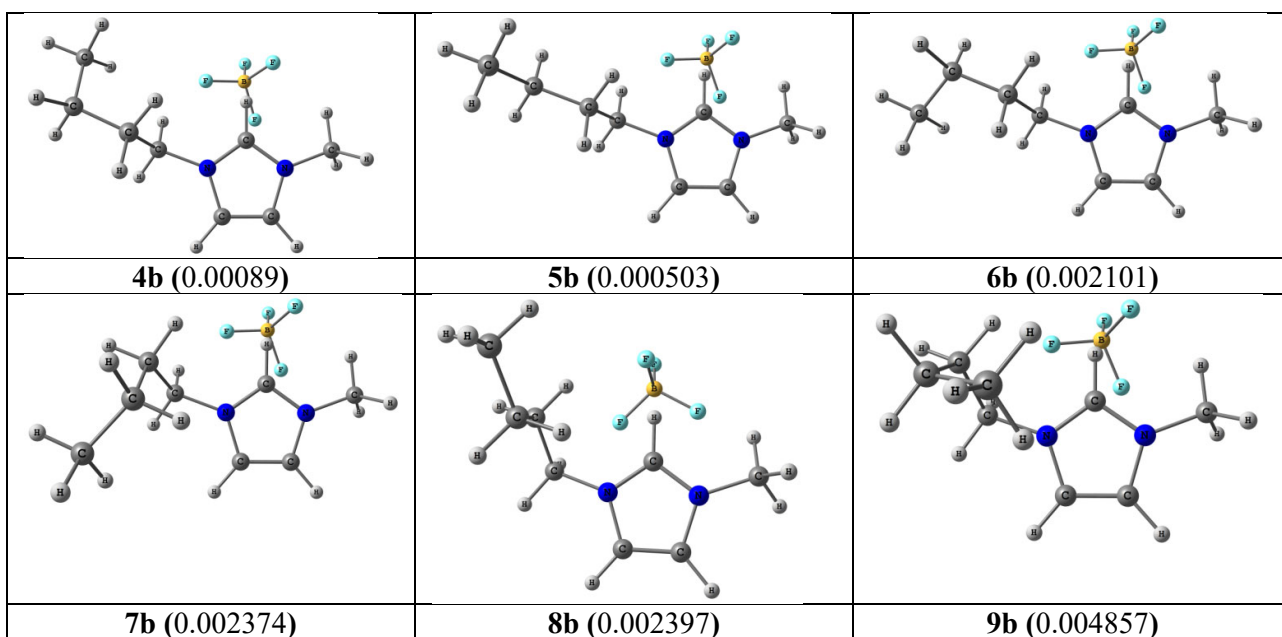


Figure S1. Structures of BMImBF<sub>4</sub> conformers. Relative energies (hartree) are given in parentheses

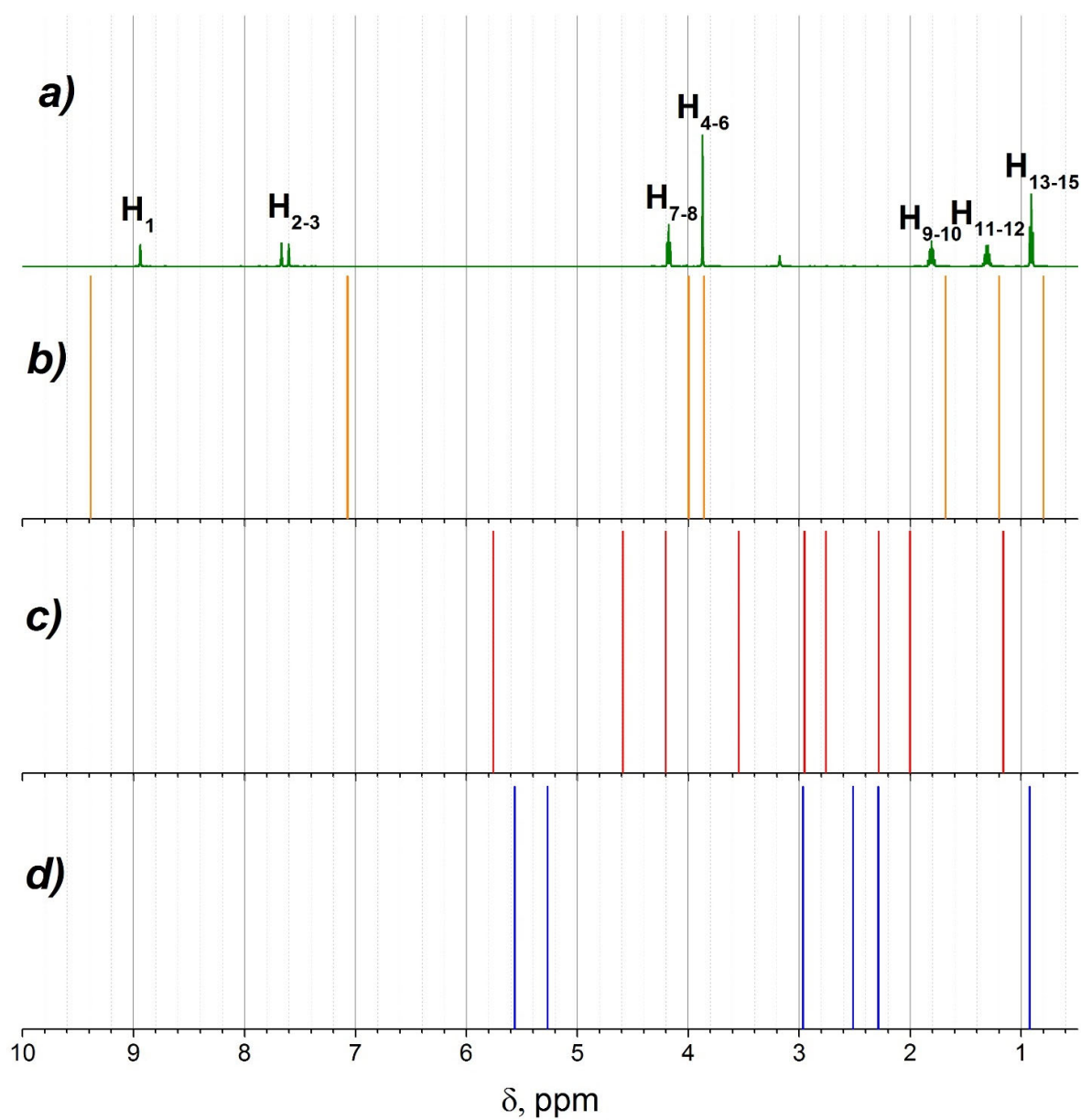


Fig. S2. Experimental (*a*, line) and theoretically predicted (*b-d*, bar) NMR spectra:  
*a*, *b* – BMImBF<sub>4</sub>; *c* – imidazole-2-ylidene; *d* – bicyclic IL (see text)