

Supplementary Information

Reversible colour changes of mixed films composed of 4,4'-bis[bis(4-methylphenyl)amino]azobenzene and organic acids in response to exhaled breath

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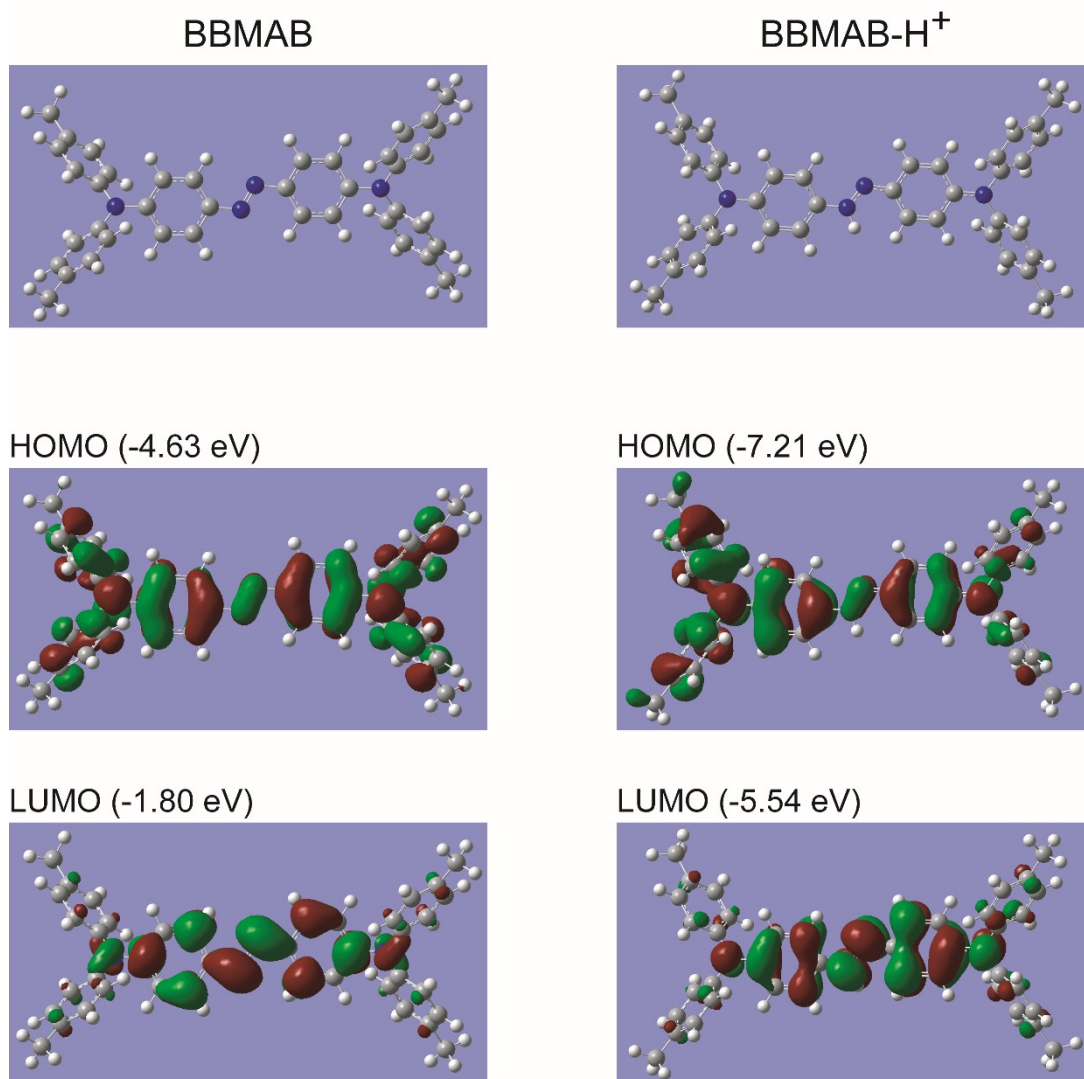


Fig. S1 Optimized molecular structures together with their HOMO and LUMO surfaces of BBMAB and BBMAB-H⁺ obtained by DFT calculation (B3LYP/6-31G(d,p))