Electronic Supplementary Information

Solvent Effect on Electron and Proton Transfer in the Excited State of Hydrogen Bonded Phenol-Imidazole Complex

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Fig S1. Initial structure of PH-IM in water box with cubic length of 22 Å for QM/MM calculation

Fig S2. Behaviors of R_{O-N} and \angle_{COH} both in vacuum and water.
**Fig S1.** Initial structure of PH-IM in water box with cubic length of 22 Å for QM/MM calculation

![Graph showing behaviors of R_{ON} and \angle_{COH} both in vacuum and water.](image)

**Fig S2.** Behaviors of R_{ON} and \angle_{COH} both in vacuum and water.