Supplementary Material (ESI) for *PCCP*

SUPPLEMENTARY MATERIAL

Theoretical Study on Conformational Preferences of Ribose in 2-Thiouridine – the Role of the 2'OH Group

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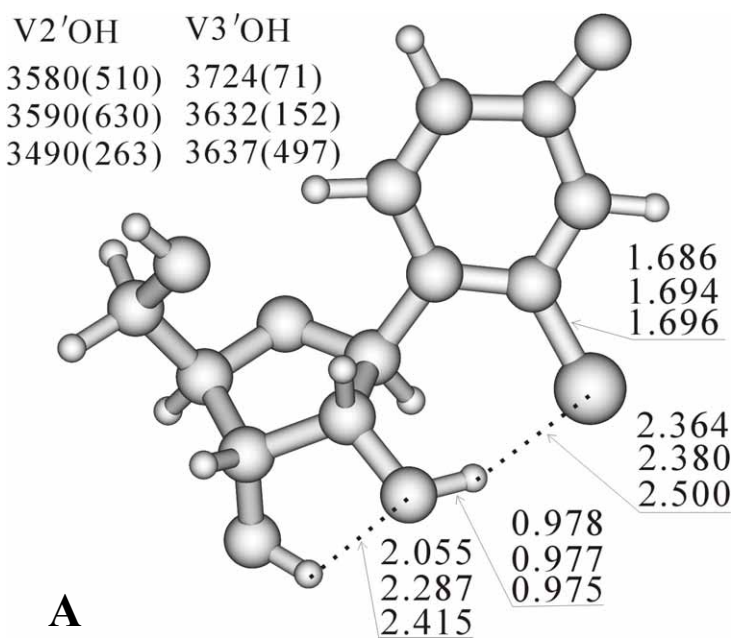

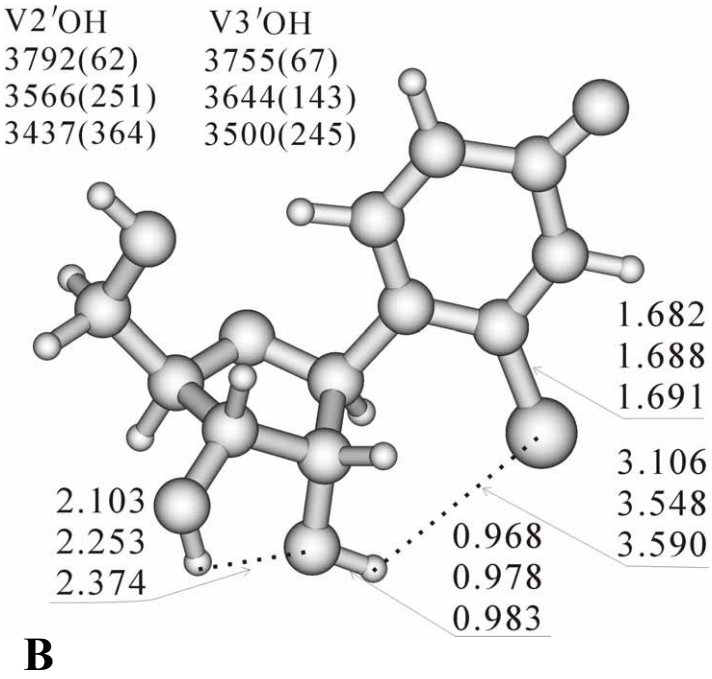

Figure S1. Optimized confomers a (A) and b (B), with key geometric parameters and vibrational frequencies in gas phase (top), non-polar medium (middle) and polar medium (bottom).