Structural Characterization of Mono-Ruthenium Substituted Keggin-type Silicotungstates[¶]

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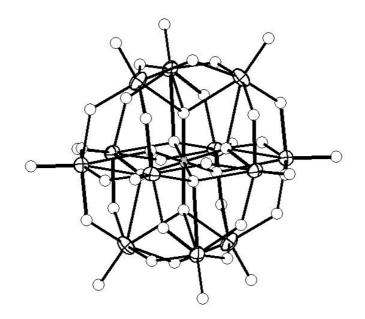


Figure S1.Disordered Keggin structure found in crystal of 1.

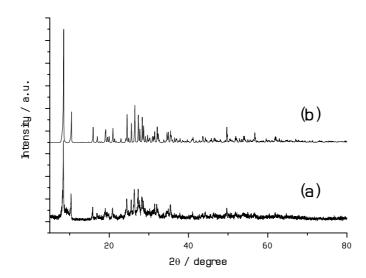


Figure S2. Experimental powder XRD pattern of prepared **1** (a) and simulated pattern using the single crystal structural data (b).

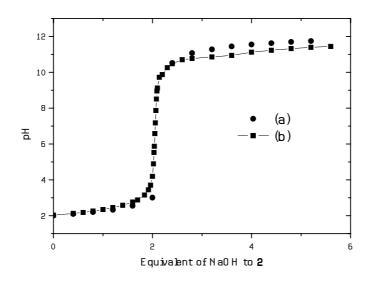


Figure S3. Titration of **2** with NaOH (a) without **2** and (b) 1 mM of 2 in 0.1 M NaClO₄ + 0.01 M HClO₄

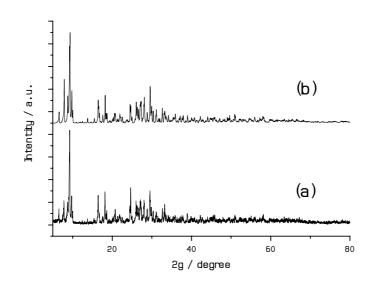


Figure S4. Experimental powder XRD pattern of prepared **2** (a) and simulated pattern using the single crystal structural data (b).