

New polyoxomolybdate compounds synthesized in situ using ionic liquid 1-butyl-3-methyl-imidazolium tetrafluoroborate as green solvent

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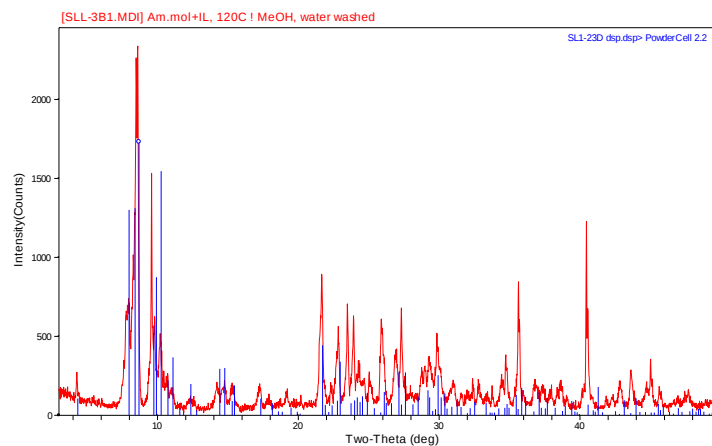
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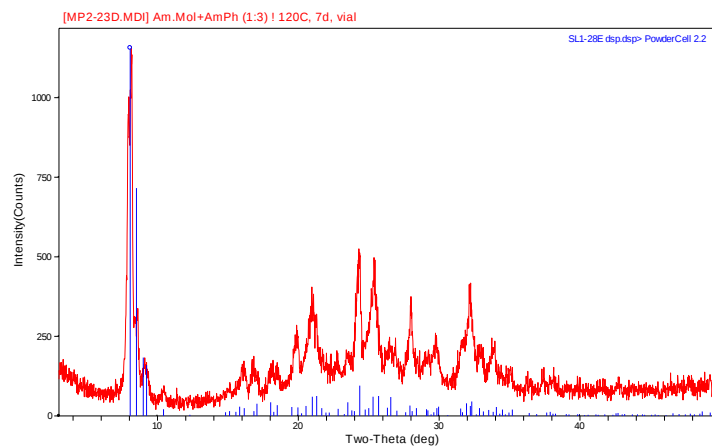
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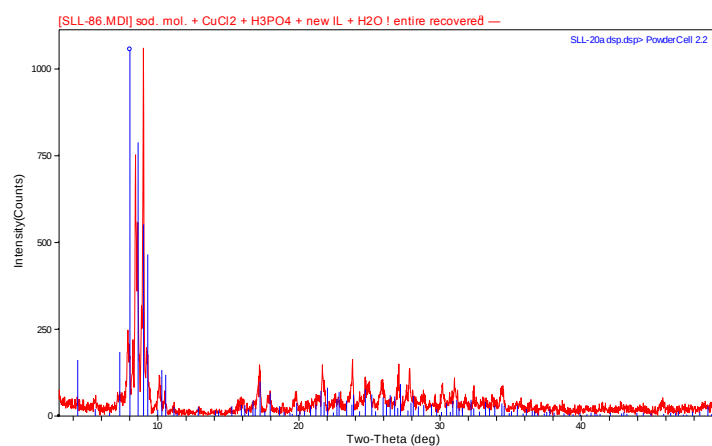
Supporting Information



(a)

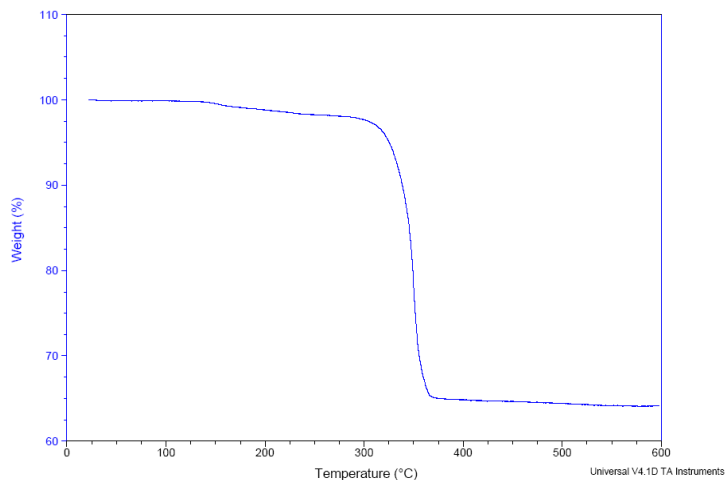


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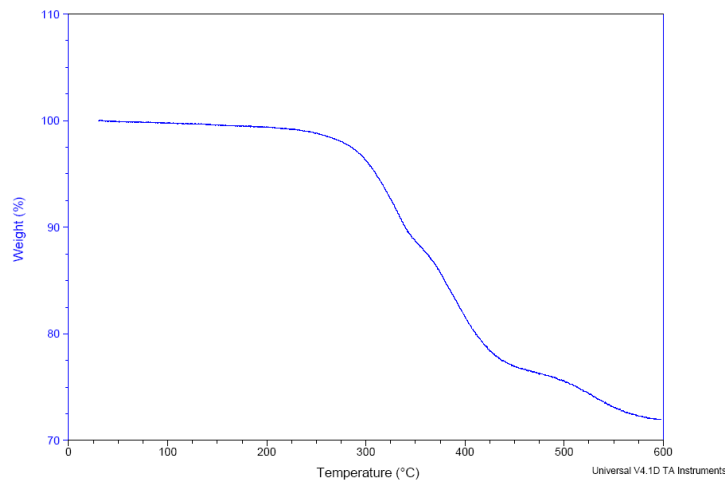


(c)

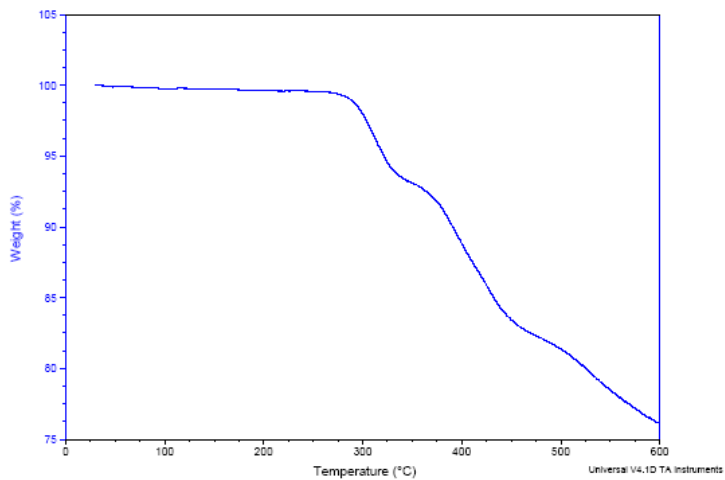
Fig. S1. PXRD pattern of **1** (a), **2** (b), **3** (c). Blue lines represent the simulated PXRD pattern for each compound.



(a)



(b)



(c)

Fig. S2. Thermogravimetric profile of **1** (a), **2** (b), and **3** (c) at the heating rate of 5 °C/min under N₂.

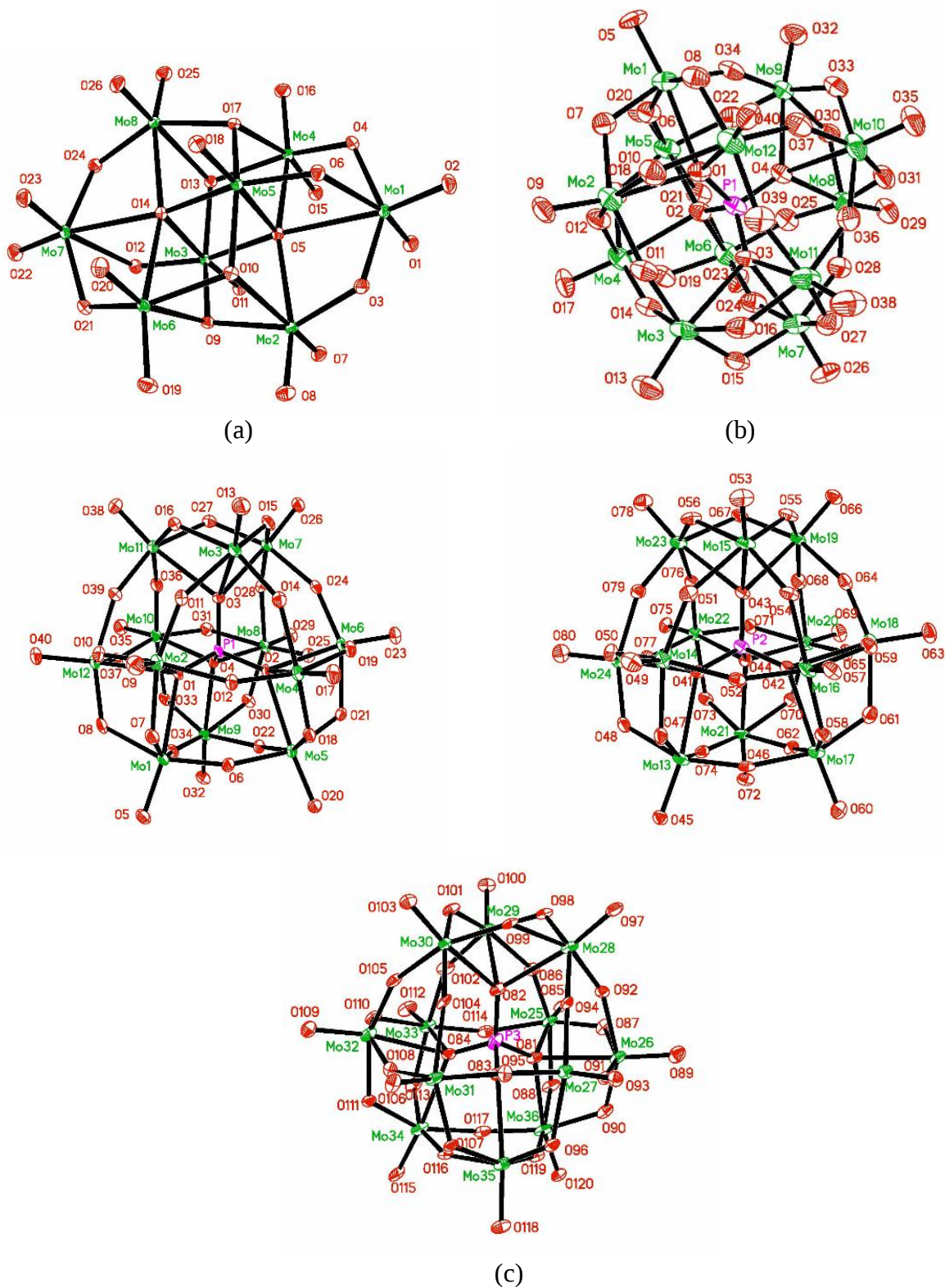


Fig. S3. ORTEP plots for the anion(s) of **1** (a), **2** (b), and **3** (c). Color explanation: Green, Mo; Pink, P; Red, O.

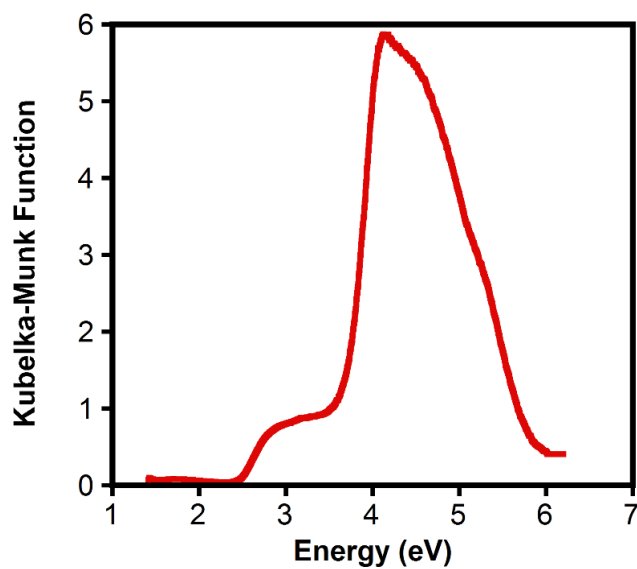


Fig. S4. UV/VIS diffuse reflectance spectrum for compound **3**.