Methoxide of An Anderson-Type Polyoxometalate And Its Conversion to A New Type of Species, $[\text{IMo}_9\text{O}_{32}(\text{OH})(\text{OH}_2)_3]^{4-}$

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Supporting Information

Figure S1. IR spectra of **1** (top) and $\text{TBA}_4[\text{IMo}_9\text{O}_{32}(\text{OH})(\text{OH}_2)_3]\cdot\text{H}_2\text{O}$ (bottom).

Figure S2. IR spectra of $\text{TBA}_3[\text{IMo}_6\text{O}_{22}(\text{OMe})_2]$ in Nujol mull (top) and in MeCN (bottom).

Figure S3. IR spectra of $\text{TBA}_3[\text{IMo}_6\text{O}_{22}(\text{OMe})_2]$ in wet MeCN.

Figure S4. IR spectra of $\text{TBA}_4[\text{IMo}_9\text{O}_{32}(\text{OH})(\text{OH}_2)_3]\cdot\text{H}_2\text{O}$ in MeCN.

Figure S5. IR spectra of $\text{TBA}_4[\text{IMo}_9\text{O}_{32}(\text{OH})(\text{OH}_2)_3]\cdot\text{H}_2\text{O}$ in wet MeCN.

Figure S6. IR spectra of $\text{TBA}_6[(\text{IMo}_7\text{O}_{26})_2]$ in Nujol mull (top) and in MeCN (bottom).

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