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Complexes of \{\text{Mo}_6\text{I}_8\} with nitrophenolates: synthesis and luminescence

Maksim A. Mikhailov, Konstantin A. Brylev, Alexandr V. Virovets, Marsel R. Gallyamov, Igor Novozhilov, Maxim N. Sokolov

\(^a\) Nikolaev Institute of Inorganic Chemistry, Siberian Branch of the Russian Academy of Sciences, Novosibirsk 630090, Russia.
\(^b\) Novosibirsk State University, Novosibirsk 630090, Russia.

Supporting information

Figure 1S. \(^1\text{H} \) NMR spectra (C\(_3\)D\(_6\)O, 25\(^\circ\)C) of 1.
Figure 2S. $^1$H NMR spectra (CH$_3$CN, 25°C) of 2.
Fig S3. CV of (Bu₄N)₂[Mo₆I₈(OC₆H₄-p-(NO₂))₆] (I) at negative potentials. 2 mM solution in CH₃CN with 0.05 M Bu₄NBF₄ as supporting electrolyte. Reference electrode Ag/AgCl.
Fig S4. CV of (Bu$_4$N)$_2$[Mo$_6$I$_8$(OC$_3$H$_3$-2,4-(NO$_2$)$_2$)$_6$] (2) at negative potentials. 0.2 mM solution in CH$_3$CN with 0.05 M Bu$_4$NBF$_4$ as supporting electrolyte. Reference electrode Ag/AgCl.
Table S1. Bond distances and angles in 1·CH$_3$CN·H$_2$O

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Symmetry transformations used to generate equivalent atoms:

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Symmetry transformations used to generate equivalent atoms:

#1 –x+1/2, –y + 3/2, –z