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### Synthesis and Characterization of Mesoporous Molybdenum Oxide

The objective of this project was to synthesize mesoporous molybdenum oxide using an inverted micelle approach. In this work, a “one-pot” synthetic approach was developed for the synthesis of mesoporous molybdenum oxide ( $\text{MoO}_3$ ). Two different  $\text{MoO}_3$  precursor