Supplementary Information for

Synthesis of pyrazole derivatives in the presence of dioxomolybdenum complex supported on silica-coated magnetite nanoparticles as an efficient and easily recyclable catalyst

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Table 3. The three-component synthesis of 5-amino-pyrazole-4-carbonitrile derivatives in the presence of 0.02 g of nano catalyst.\textsuperscript{a}

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<th>Entry</th>
<th>Product</th>
<th>Time (min)</th>
<th>Yield\textsuperscript{b} (%)</th>
<th>M.p [\textdegree]C</th>
<th>Ref.</th>
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25  85  210-212 (Orange)45

25  88  158-160 (Brown)44
Fig S33. Reusability of Fe$_3$O$_4$@Si@MoO$_2$ as a heterogeneous catalyst in 20 minutes.