Materials List for:
Efficient Synthesis of Polyfunctionalized Benzenes in Water via Persulfate-promoted Benzannulation of α,β—Unsaturated Compounds and Alkynes

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Materials

<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
<th>Catalog Number</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium persulfate</td>
<td>Vetec</td>
<td>276</td>
<td></td>
</tr>
<tr>
<td>Chloroform-D, (D, 99.8%)</td>
<td>Sigma Aldrich</td>
<td>570699-50G</td>
<td></td>
</tr>
<tr>
<td>2-cyclohexen-1-one&gt;95%</td>
<td>Sigma Aldrich</td>
<td>C102814-25ML</td>
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</tr>
<tr>
<td>Ethyl Acetate, 99.9%</td>
<td>Synth</td>
<td>01A1010.01.BJ</td>
<td>ACS</td>
</tr>
<tr>
<td>Hexanes, 98.5%</td>
<td>Synth</td>
<td>01H1007.01.BJ</td>
<td>ACS</td>
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<tr>
<td>Phenylacetylene 98%</td>
<td>Sigma Aldrich</td>
<td>117706-25ML</td>
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</tr>
<tr>
<td>Silica Gel (SiO₂)</td>
<td>Fluka</td>
<td>60738-5KG</td>
<td>pore size 60 Å, 35-70 μm particle size</td>
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<tr>
<td>Thin-layer chromatography plates</td>
<td>Macherey-Nagel</td>
<td>818333</td>
<td>0.20 mm silica gel 60 with fluorescent indicator UV254</td>
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</tbody>
</table>