

Materials List for:

# Ligand-Mediated Nucleation and Growth of Palladium Metal Nanoparticles

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## Materials

Name	Company	Catalog Number	Comments
palladium acetate (Pd(OAc) <sub>2</sub> )	ALDRICH	520764	
anhydrous acetic acid	SIAL	338826	
trioctylphosphine	ALDRICH	718165	
pyridine	MilliporeSigma	PX2012-7	
toluene	SIAL	244511	
1-hexanol	SIAL	471402	
N8 Horizon SAXS	Bruker	A32-X1	
glovebox	Vaccum Atmospheres Co.	109035	
MR HEI-TEC 115V Hotplate	Heidolph	5053000000	
hotplate Monoblock insert	Heidolph	5058000800	
heat-On 25-ml insert	Heidolph	5058006200	
7 mL vials	SUPELCO	27518	
micro stir bar PTFE	VWR	58948-353	
egg-Shaped Bars	Fisherbrand™	14-512-121	
25 mL round bottom flasks	ALDRICH	Z167495	
quartz capillary	Hampton Research	HR6-148	
MATLAB R2016b	MathWorks		
Bruker SAXS 1.0v	Bruker		
Diffraction Measurement Center 4.0v	Bruker		