

Materials List for:

## A Direct, Regioselective and Atom-Economical Synthesis of 3-Aroyl-N-hydroxy-5-nitroindoles by Cycloaddition of 4-Nitronitrosobenzene with Alkynones

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### Materials

Name	Company	Catalog Number	Comments
4-Nitroaniline	TCI Chemicals	N0119	
Acetone	TCI Chemicals	A0054	
1-Phenyl-2-propyne-1-ol	TCI Chemicals	P0220	
Celite 535	Fluorochem	44931	
Dichloromethane	TCI Chemicals	D3478	
Sodium hydrogen carbonate	Sigma Aldrich	S5761	
Sodium chloride	Sigma Aldrich	746398	
Sodium sulfate anhydrous	Sigma Aldrich	239313	
Oxone	TCI Chemicals	O0310	
Methanol	TCI Chemicals	M0628	
Toluene	TCI Chemicals	T0260	
Chromium Trioxide	Sigma Aldrich	236470	
Dichloromethane anhydrous	TCI Chemicals	D3478	
Hexane anhydrous	TCI Chemicals	H1197	