

Materials List for:

Real-time Monitoring of Reactions Performed Using Continuous-flow Processing: The Preparation of 3-Acetylcoumarin as an Example

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Materials

Name	Company	Catalog Number	Comments
Salicylaldehyde	Sigma-Aldrich	S356	Reagent Grade, 98%
Ethyl acetoacetate	Acros Organics	117970010	99%
Piperidine	Sigma-Aldrich	104094	Reagent Plus, 99%
Hydrochloric acid	Sigma-Aldrich	320331	ACS Reagent, 37%
Ethyl acetate	Sigma-Aldrich	34858	CHROMASOLV, for HPLC, >99.7%
Acetone	Sigma-Aldrich	650501	CHROMASOLV, for HPLC, >99.9%
Flow cell	Starna Cells		583.65.65-Q-5/Z20
Flow unit	Vapourtec		E-series system
Raman spectrometer	Enwave Optronics Inc		Model EZRaman-L