

## Materials List for:

**Synthesis and Purification of Iodoaziridines Involving Quantitative Selection of the Optimal Stationary Phase for Chromatography**Tom Boulton<sup>1</sup>, Dominic P. Affron<sup>1</sup>, James A. Bull<sup>1</sup><sup>1</sup>Department of Chemistry, Imperial College LondonCorrespondence to: James A. Bull at [j.bull@imperial.ac.uk](mailto:j.bull@imperial.ac.uk)URL: <https://www.jove.com/video/51633>DOI: [doi:10.3791/51633](https://doi.org/10.3791/51633)**Materials**

Name	Company	Catalog Number	Comments
Hexamethyldisilazane	999-97-3	Alfa Aesar	Distill from KOH under argon prior to use.
n-Butyllithium	109-72-8	Sigma Aldrich	2.5 M in hexanes, titrate prior to use.
Diiodomethane	75-11-6	Alfa Aesar	Contains copper as a stabilizer.
1,3,5-Trimethoxybenzene	621-23-8	Sigma Aldrich	
Silica	112945-52-5	Merck	
Basic alumina	1344-28-1	Sigma Aldrich	
Neutral alumina	1344-28-1	Merck	
Florisil	1343-88-0	Sigma Aldrich	
THF	All anhydrous solvents were dried through activated alumina purification columns.		
Et <sub>2</sub> O			
CH <sub>2</sub> Cl <sub>2</sub>			
NMR spectrometer	Bruker AV 400	n/a	
NMR processing software	MestReNova	7.0.2-8636	