

Procedure Checklist for Authors

The **Procedure Checklist**, along with the **Characterization Checklist** on the following page, is designed to assist authors in providing procedures that meet the criteria for consideration by *Organic Syntheses*. A checked box should be used to indicate that your procedure conforms to the criteria detailed in the accompanying document "Instructions to Authors." Completed Checklists should be forwarded along with the procedure at the time of submission.

Scale of Procedure		Pur	Purification	
	The scale of the procedure conforms to criteria established by <i>Organic Syntheses</i> .		A detailed description of the distillation apparatus and procedure is provided.	
	Please identify the most expensive reagent or starting material and estimate its cost per procedure.		The chromatographic purification procedure is described, including stationary phase, column size, solvent systems, volumes of eluents, volume of fractions, and the method by which the mixture is loaded onto the stationary phase.	
Apparatus Description			A detailed description of the recrystallization procedure is	
	Detailed description of glassware assembly is provided.	_	provided, including solvent volumes and temperatures.	
	Information that describes the reaction's atmosphere and environment is provided.	Cha	Characterization	
	Photographs illustrating key features of the reaction set-up or operation are included.		A description of the product's physical appearance and stability is included.	
Rea	gents		Melting points or boiling points are provided for all products.	
	A statement regarding the purity for all starting materials		Spectroscopic data is provided that establishes a product's identify (¹ H, ¹³ C, IR required).	
	and reagents is provided. The source of starting materials, reagents and solvents is		Copies of ¹ H and ¹³ C NMR for all compounds should be provided with integration of all resonances.	
	provided. Justification for the use of a reagent in significant excess is provided in a Note.		The product's purity is established by either satisfactory elemental analysis (preferred) or quantitative NMR, GC, or HPLC analysis of the material on which yield is based. Copies of these spectra or chromatographs are to be provided.	
Procedure		П	Enantiomeric purity determination is described for all non-	
	Temperatures are provided for all stages of the reactions,		racemic products.	
	along with a description of heating or cooling sources.		Characterization data and copies of NMR spectra are provided for all non-purified synthetic intermediates.	
	The order, time, and method of addition of all reagents are clearly described.	-	•	
	The amounts of all reagents are clearly displayed, including	Dis	Discussion	
_	mass and/or volumes, mmol, and equivalents.		The background discussion provided in the text conforms to Organic Syntheses requirements.	
	Descriptions of the reactions' appearance (i.e., color, consistency, gas evolution, exothermicity) are provided.		Titles are provided for all Tables, Schemes, and Figures.	
	A description on how the reaction is monitored is provided. (i.e., TLC, GC, HPLC, NMR)		The references conform to <i>Organic Syntheses</i> requirements, including titles and all authors. DOIs are recommended.	
	Potentially hazardous materials and procedures are clearly identified and are referenced in Note 1.		A current mailing address and email address for the lead author, along with a cknowledgment of financial support, should be	
Reaction Work-up			provided in Endnote 1.	
	Quenching the reaction is described, including rate of		Electronic photographs and 100-word biographies are provided for each coauthor.	
	addition, temperature, and volumes.		ChemDraw files are provided for all Figures, Tables, and	
	The extraction procedure is described, including solvent, volumes, and the number of extractions performed.	Each	Schemes.	
	Concentration procedures and filtration procedures are clearly described, including temperature and pressures.	repor	Each step of the procedure has been performed at least twice on the scale reported in the procedure. The reported yields and characterization data are from those efforts.	
	The use of drying agents are described, including amounts, times, and the method of removal.	Corre	Corresponding Author	