

Materials List for:

# Preparation of Stable Bicyclic Aziridinium Ions and Their Ring-Opening for the Synthesis of Azaheterocycles

Nagendra Nath Yadav<sup>1</sup>, Hyun-Joo Ha<sup>2</sup>

<sup>1</sup>Department of Chemistry, North Eastern Regional Institute of Science and Technology

<sup>2</sup>Department of Chemistry, Hankuk University of Foreign Studies

Correspondence to: Hyun-Joo Ha at [hjha@hufs.ac.kr](mailto:hjha@hufs.ac.kr)

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## Materials

Name	Company	Catalog Number	Comments
Thin Layer Chromatography (TLC)	Merck	100390	
UV light	Sigma-Aldrich	Z169625-1EA	
Bruker AVANCE III HD (400 MHz) spectrometer	Bruker	NA	
JASCO P-2000	JASCO	P-2000	For optical rotation
High resolution mass spectra/ MALDI-TOF/TOF Mass Spectrometry	AB SCIEX	4800 Plus	High resolution mass spectra
(2R)-1-[(1R)-1-Phenylethyl]-2-aziridinecarboxylic acid (-)-menthol ester, 98%	Sigma-Aldrich	57,054-0	
(2S)-1-[(1R)-1-Phenylethyl]-2-aziridinecarboxylic acid (-)-menthol ester	Sigma-Aldrich	57,051-6	
Triethylethylamine	DAEJUNG	8556-4400-1L	CAS No: 121-44-8
Dichloromethane	SAMCHUN	M0822-18L	CAS No: 75-09-2
p-Toluenesulfonic anhydride	Sigma-Aldrich	259764-25G	CAS No: 4124-41-8
n-Hexane	SAMCHUN	H0114-18L	CAS No: 110-54-3
Ethyl acetate	SAMCHUN	E0191-18L	CAS No: 141-78-6
Sodium sulfate	SAMCHUN	S1011-1kg	CAS No: 7757-82-6
Acetonitrile-d3	Cambridge Isotope Laboratories, Inc	15G-744-25g	CAS No: 2206-26-0
Acetonitrile	SAMCHUN	A0127-18L	CAS No: 75-05-8
1,4-Dioxane	SAMCHUN	D0654-1kg	CAS No: 123-91-1
Sodium hydroxide	DUKSAN	A31226-1kg	CAS No: 1310-73-2
Sodium acetate	Alfa Aesar	11554-250g	CAS No: 127-09-3
Lithium aluminum hydride	TCI	L0203-100g	CAS No: 16853-85-3
Tetrahydrofuran	SAMCHUN	T0148-18L	CAS No: 109-99-9
Sodium azide	D.S.P	703301-500g	CAS No: 26628-22-8
Cesium fluoride	aldrich	18951-0250-25g	CAS No: 13400-13-0
Tetrabutylammonium bromide	aldrich	426288-25g	CAS No: 1643-19-2
Sodium iodide	aldrich	383112-100g	CAS No: 7681-82-5
Sodium cyanide	Acros Organics	424301000-100g	CAS No: 143-33-9
Sodium thiocyanate	aldrich	467871-250g	CAS No: 540-72-7
Sodium methoxide	aldrich	156256-1L	CAS No: 124-41-4
Benzylamine	Alfa Aesar	A10997-1000g	CAS No: 100-46-9

Phenol	TCI	P1610-500g	CAS No: 108-95-2
Sodium benzoate	Alfa Aesar	A15946-250g	CAS No: 532-32-1
Chloroform-d	Cambridge Isotope Laboratories, Inc	DLM-7TB-100S/16H-239, 100g	CAS No: 865-49-6
Dimethyl sulfoxide-d6	Cambridge Isotope Laboratories, Inc	DLM-10-25, 25g	CAS No: 2206-27-1
Methanol	SAMCHUN	M0585-18L	CAS No: 67-56-1
Ninhydrin	Alfa Aesar	A10409-250g	CAS No: 485-47-2
Phosphomolybdic acid hydrate	TCI	P1910-100g	CAS No: 51429-74-4
p-Anisaldehyde	aldrich	A88107-5g	CAS No: 123-11-5