

Materials List for:

# One-pot Microwave-assisted Conversion of Anomeric Nitrate-esters to Trichloroacetimidates

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URL: <https://www.jove.com/video/56610>

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## Materials

Name	Company	Catalog Number	Comments
230 400 mesh silica gel	SiliCycle Inc	R10030B	
TLC plates	SiliCycle Inc	TLG-R10014B-527	
Ceric ammonium molybdate	Sigma-Aldrich	A1343	
Solvent Still	Mbraun	MB-SPS-800	
Infrared spectrometer	Thermo	Thermo Electron IR100	
Nuclear Magnetic Resonance	Bruker		400, 600 MHz
LC/MS	Thermo/Dionex		Single quad, ESI
HRMS	Agilent	Synapt G2 S HDMS	
Microwave reactor	Anton Parr	Anton Parr G10 Monowave 200	
DBU	Sigma-Aldrich	139009	
CCl <sub>3</sub> CN	Sigma-Aldrich	T53805	
Pyridine	Sigma-Aldrich	270970	
Acetone	Fisher Scientific	A18-20	Tech. grade
Phase separator	Biotage	120-1901-A	
Rotary evaporator	Buchi	R-100	