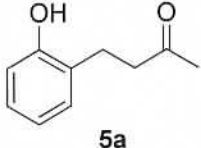


U of M**University of Minnesota Department of Chemistry****Mass Spectrometry Service Laboratory**

email: chmmslab@umn.edu

Submit Sample To: Mass Spectrometry Facility
207 Pleasant St. SE
Minneapolis, MN 55455
Phone: (612)-625-8099
FAX: (612)-626-7541

Name: Zhongda Pan		Phone: 612 481 7665		Date: 03/04/13																			
Email: panxx160@umn.edu		Email Results? Yes		FAX: FAX Results? Y / N																			
P.I./Advisor: Chris Douglas		U of M Budget # 5190022																					
Company/University:		P.O.# (For non-U of M Clients)																					
Shipping Address:		Billing Address:																					
Sample Label: 5a		Molecular Weight: 164.2011																					
 5a		Molecular Formula: C ₁₀ H ₁₂ O ₂																					
		Melting/Boiling Point: N/A																					
		Solubility: DCM, CH ₃ CN, MeOH, EA																					
		Thermal Stability: Yes																					
		Toxicity: NO																					
Chromatography Conditions:		Analysis Requested																					
		<table border="1"><thead><tr><th></th><th>EI</th><th>CI</th><th>MALDI</th><th>ESI</th></tr></thead><tbody><tr><td>Low Resolution Nominal Mass</td><td></td><td></td><td></td><td></td></tr><tr><td>High Resolution Accurate Mass</td><td></td><td></td><td></td><td>✓</td></tr></tbody></table>					EI	CI	MALDI	ESI	Low Resolution Nominal Mass					High Resolution Accurate Mass				✓			
			EI	CI	MALDI	ESI																	
		Low Resolution Nominal Mass																					
		High Resolution Accurate Mass				✓																	
Special Sample Considerations:																							
<table border="1"><tbody><tr><td>+Ve</td><td></td><td></td><td></td><td></td></tr><tr><td>-Ve</td><td></td><td></td><td></td><td></td></tr><tr><td>GCMS</td><td></td><td></td><td></td><td></td></tr><tr><td>LCMS</td><td></td><td></td><td></td><td></td></tr></tbody></table>				+Ve					-Ve					GCMS					LCMS				
+Ve																							
-Ve																							
GCMS																							
LCMS																							
Instrument Used		Conditions Used		Operator Comments																			
Finnigan MAT 95		Source Temp:		[M+Na] ⁺ : 187.0731																			
Bruker Reflex III		Acc. Voltage:																					
Bruker BioTOF II		Resolution:																					
Waters Triple Quad		Scan Range:																					
Waters Synapt G2		Gas Used:																					
Log #:		Analyst:		Analysis Date:																			
				Analyses Run:																			
				Total Cost:																			

100629

5a

chresi

Kyle Kalstabakken

3/11/2013 5:15:36 PM

Display Report

Analysis Info

Analysis Name Z:\mslab\100629\2hi_res
Method pos_lowmass_40912.tofpar
Sample Name 100629
Comment

Acquisition Date 3/12/2013 1:12:43 PM

Operator operator name
Instrument BioTOF II

Acquisition Parameter

n/a	n/a	n/a	n/a	detbias	1750 V
EndP	-4000 V	n/a	n/a	n/a	n/a

