

Supporting Information:

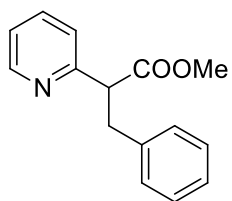
2-(1-Methoxycarbonyl-2-Phenyleth-1-yl)-1-Benzylpyridin-1-ium Bromide

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Summary

Methyl 3-phenyl-2-(pyridin-2-yl)propanoate (I)	2
¹ H-NMR (CDCl ₃):	2
2-(1-methoxycarbonyl-2-phenyleth-1-yl)-1-benzylpyridin-1-ium bromide (IV)	3
¹ H-NMR (CDCl ₃):	3
¹³ C-NMR (CDCl ₃):	3
HIGH-RESOLUTION MASS ANALYSIS:	4

Methyl 3-phenyl-2-(pyridin-2-yl)propanoate (I)



$^1\text{H-NMR}$ (CDCl_3):

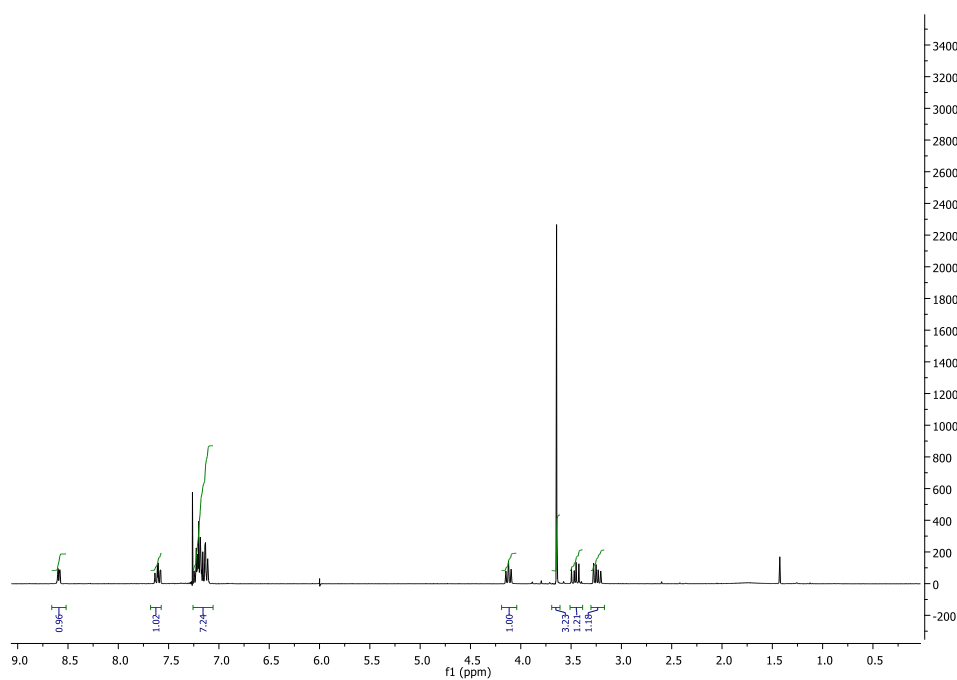
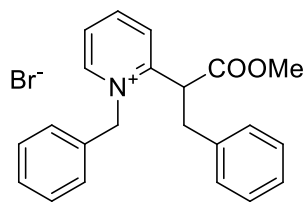


Figure S1: $^1\text{H-NMR}$ spectrum of I.

2-(1-methoxycarbonyl-2-phenyleth-1-yl)-1-benzylpyridin-1-ium bromide (IV)



$^1\text{H-NMR}$ (CDCl_3):

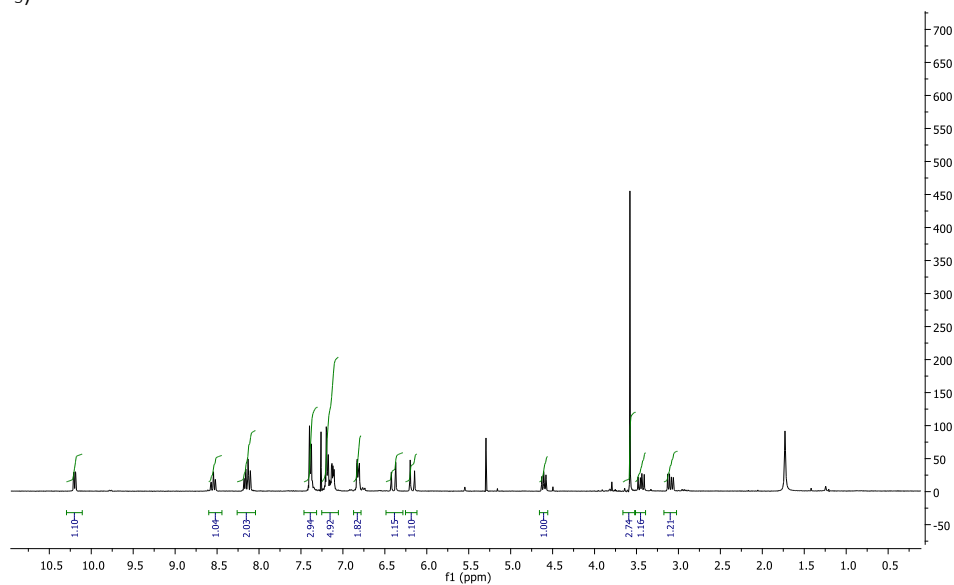


Figure S2: $^1\text{H-NMR}$ spectrum of IV.

$^{13}\text{C-NMR}$ (CDCl_3):

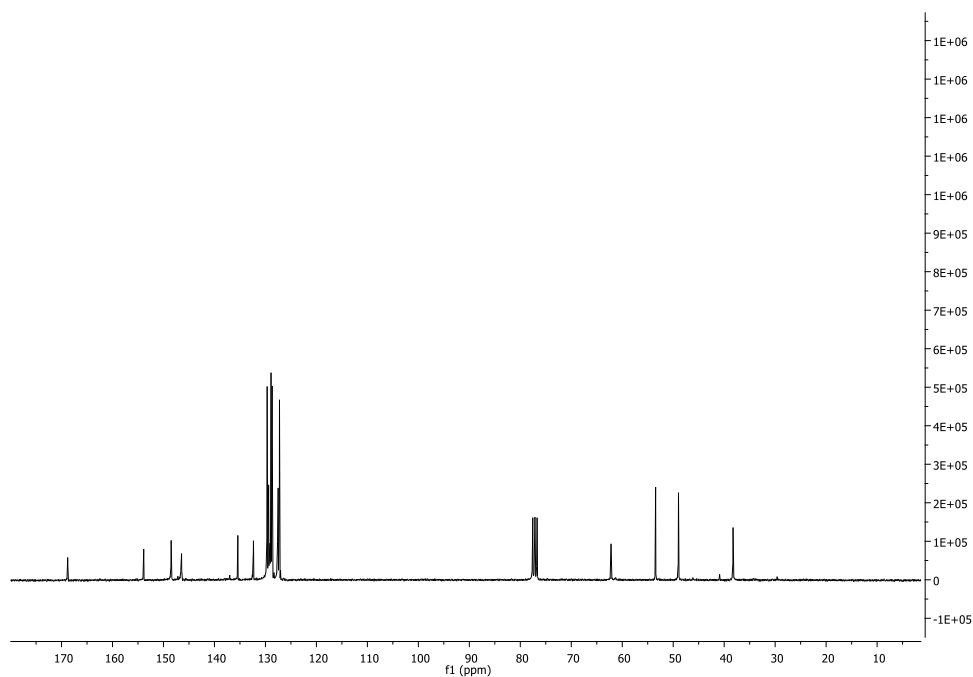
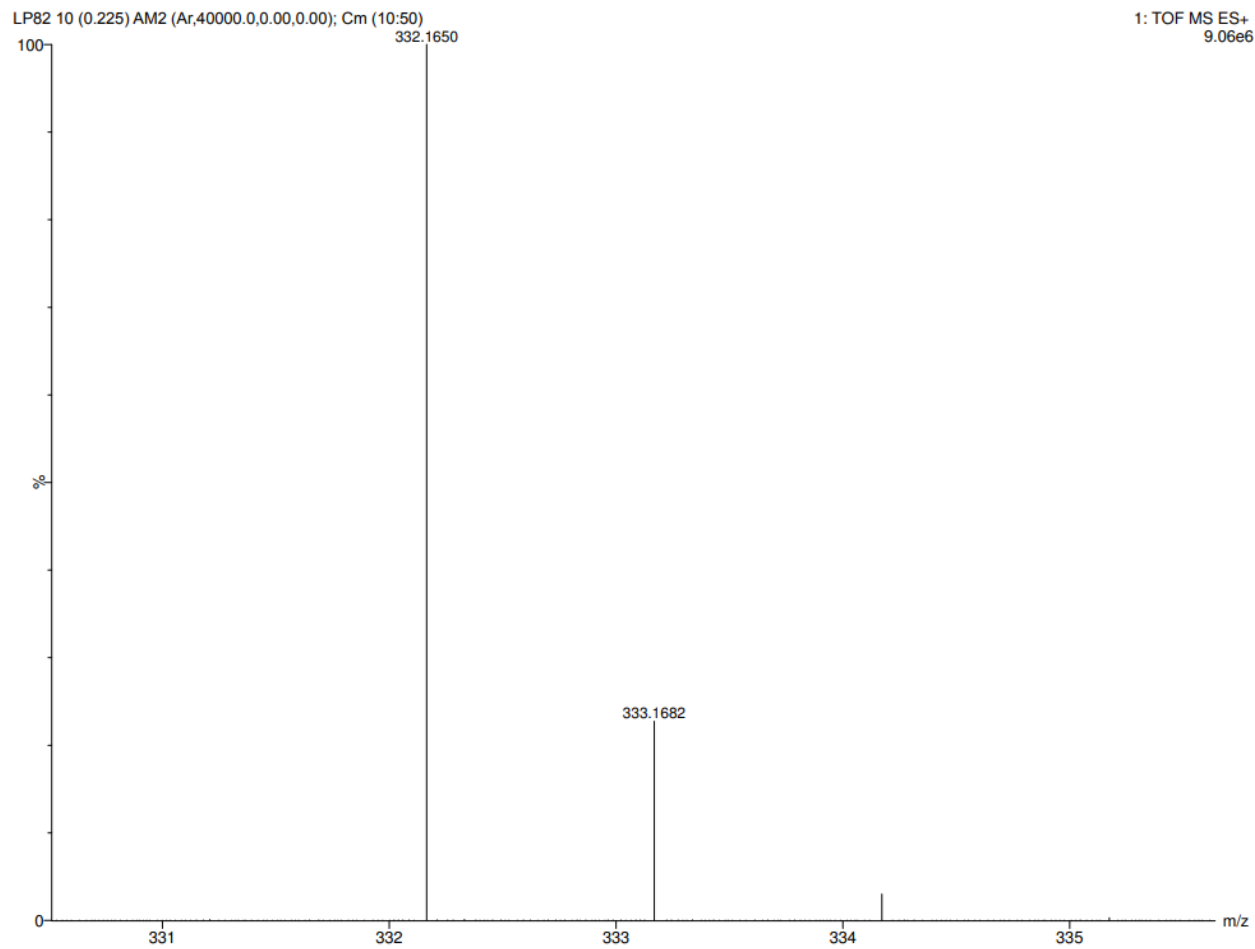


Figure S3: $^{13}\text{C-NMR}$ spectrum of IV.

HIGH-RESOLUTION MASS ANALYSIS:



Elemental Composition Report

Page 1

Single Mass Analysis

Tolerance = 5.0 PPM / DBE: min = -5.0, max = 300.0

Element prediction: Off

Number of isotope peaks used for i-FIT = 7

Monoisotopic Mass, Even Electron Ions

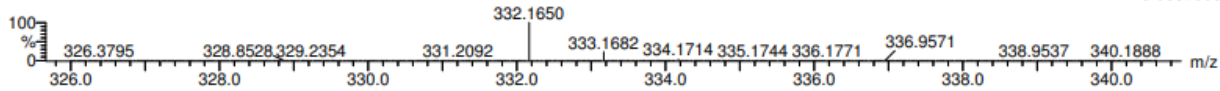
4 formula(e) evaluated with 1 results within limits (all results (up to 1000) for each mass)

Elements Used:

C: 22-22 H: 22-22 N: 1-1 O: 2-2 Na: 0-4

LP82 10 (0.225) AM2 (Ar,40000.0,0.00,0.00); Cm (10:50)

1: TOF MS ES+
9.06e+006



Minimum:										
Maximum:		5.0	5.0	-5.0						
Mass	Calc. Mass	mDa	PPM	DBE	i-FIT	Norm	Conf(%)	Formula		
332.1650	332.1651	-0.1	-0.3	12.5	3255.3	n/a	n/a	C22 H22 N O2		

Figure S4: HRMS and elemental composition report of IV.