

CERTIFICATE OF ANALYSIS

April 2, 2010

COMPOUND NAME: 2-(2-methoxyphenyl)-1-(1-pentyl-1H-indol-3-yl)ethanone

COMPOUND DESCRIPTION: Light yellow solid

LOT NUMBER: [REDACTED]

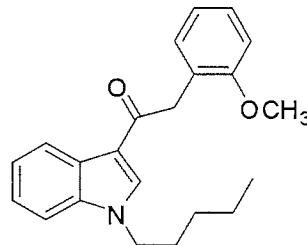
LAST SOLVENT: iPrOH

FORMULA WEIGHT: 335.44

CHEMICAL FORMULA: C₂₂H₂₅NO₂

CAS NUMBER: 864445-43-2

PROJECT/PRODUCT NAME: [REDACTED]



¹H-NMR:

Spectrometer Frequency: 400 MHz

Solvent: CDCl₃

Spectrum: Consistent with expected structure (attached)

HPLC:

Column: ThermoHypersil C₁₈ 100 x 3 mm

Mobile Phase: 30% H₂O, 70% ACN

Temperature: 26 °C

Injection volume: 5 μL

Rate: 1 mL/min

Wavelength: 254

Retention Time: 2.594

Purity: 97.715%

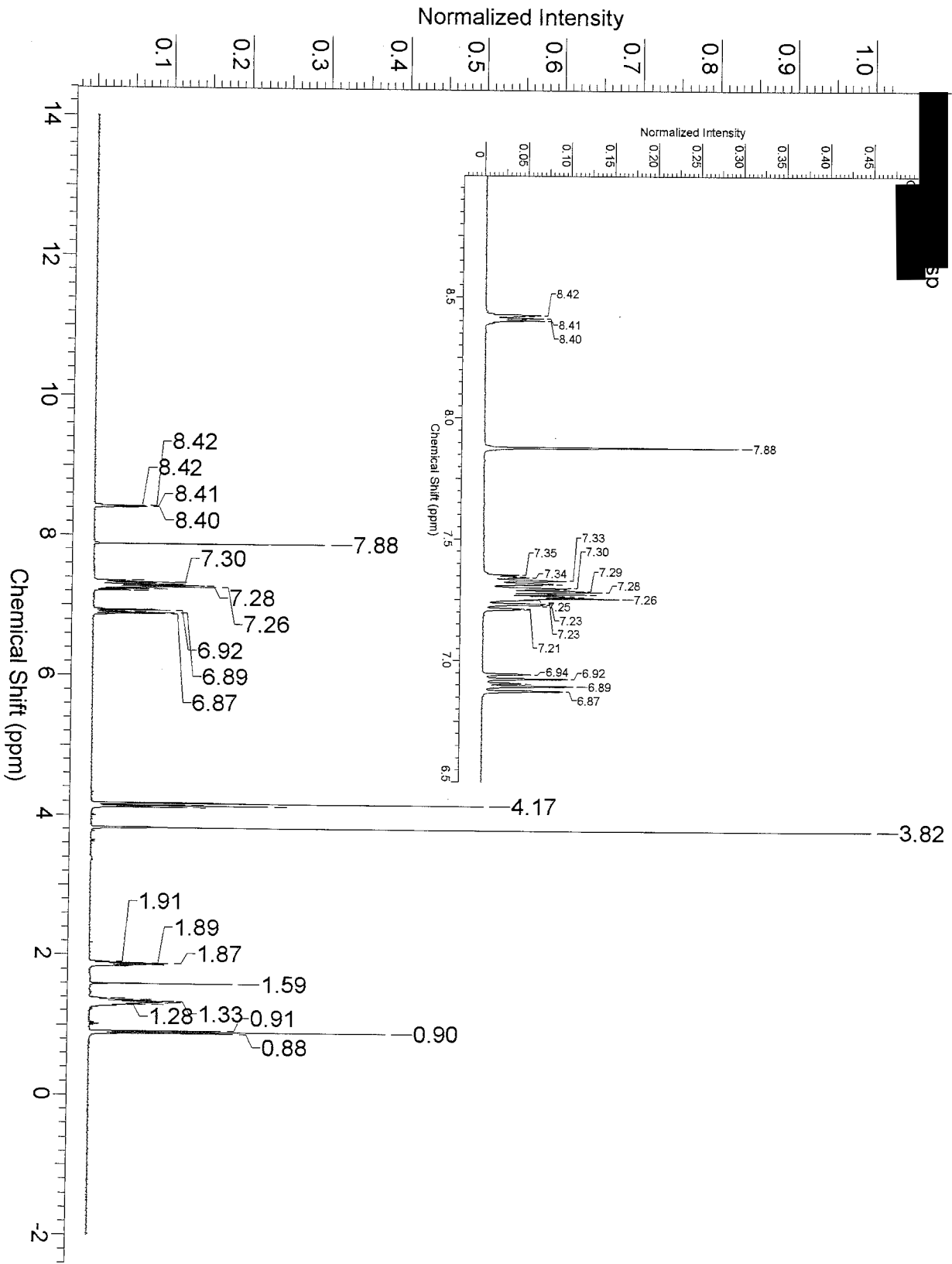
(HPLC attached)

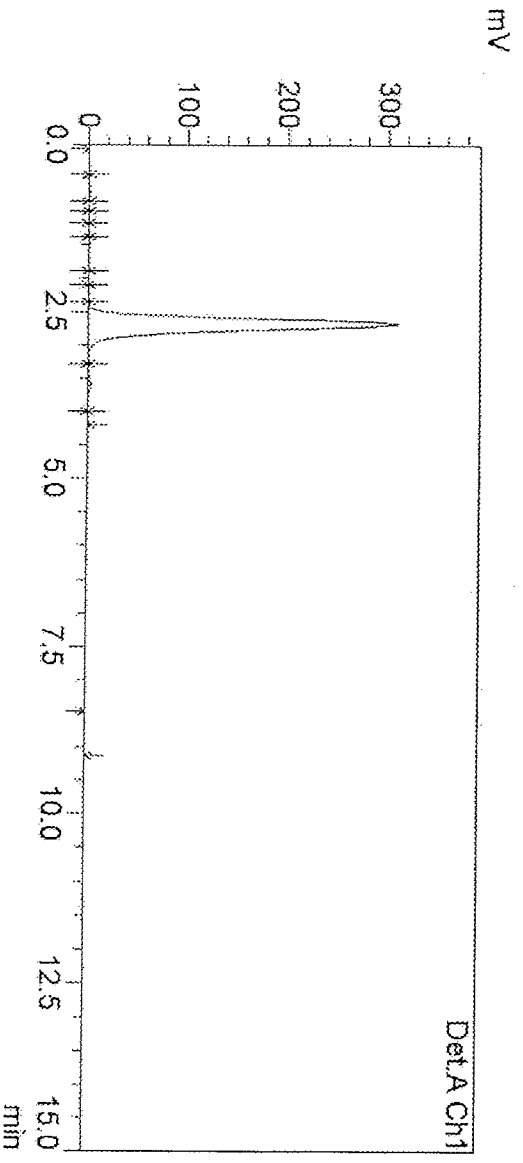
Submitted by: [REDACTED]

Date: 4/2/10

Approved by: [REDACTED]

Date: 4/2/10





Detector A Ch1 254nm

PeakTable

Peak#	Ret. Time	Area	Height	Area %	Height %
1	0.210	1103	83	0.028	0.026
2	0.710	8857	760	0.224	0.240
3	0.879	3102	458	0.078	0.144
4	1.072	2146	229	0.054	0.072
5	1.286	6128	683	0.155	0.215
6	1.469	15473	915	0.391	0.289
7	2.028	2255	225	0.057	0.071
8	2.230	4682	391	0.118	0.123
9	2.669	3851248	309853	97.371	97.715
10	3.579	54863	3194	1.387	1.007
11	4.119	1364	124	0.034	0.039
12	8.770	4019	181	0.102	0.057
Total		3955239	317098	100.000	100.000