

CERTIFICATE OF ANALYSIS

February 15, 2010

COMPOUND NAME: (1-Butyl-1H-indol-3-yl)(naphthalen-1-yl)methanone

COMPOUND DESCRIPTION: Light Yellow Solid

LOT NUMBER: [REDACTED]

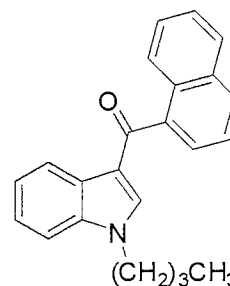
LAST SOLVENT: iPrOH

FORMULA WEIGHT: 327.16

CHEMICAL FORMULA: C₂₃H₂₁NO

CAS NUMBER: 208987-48-8

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: 2.746

Purity: 99.186%

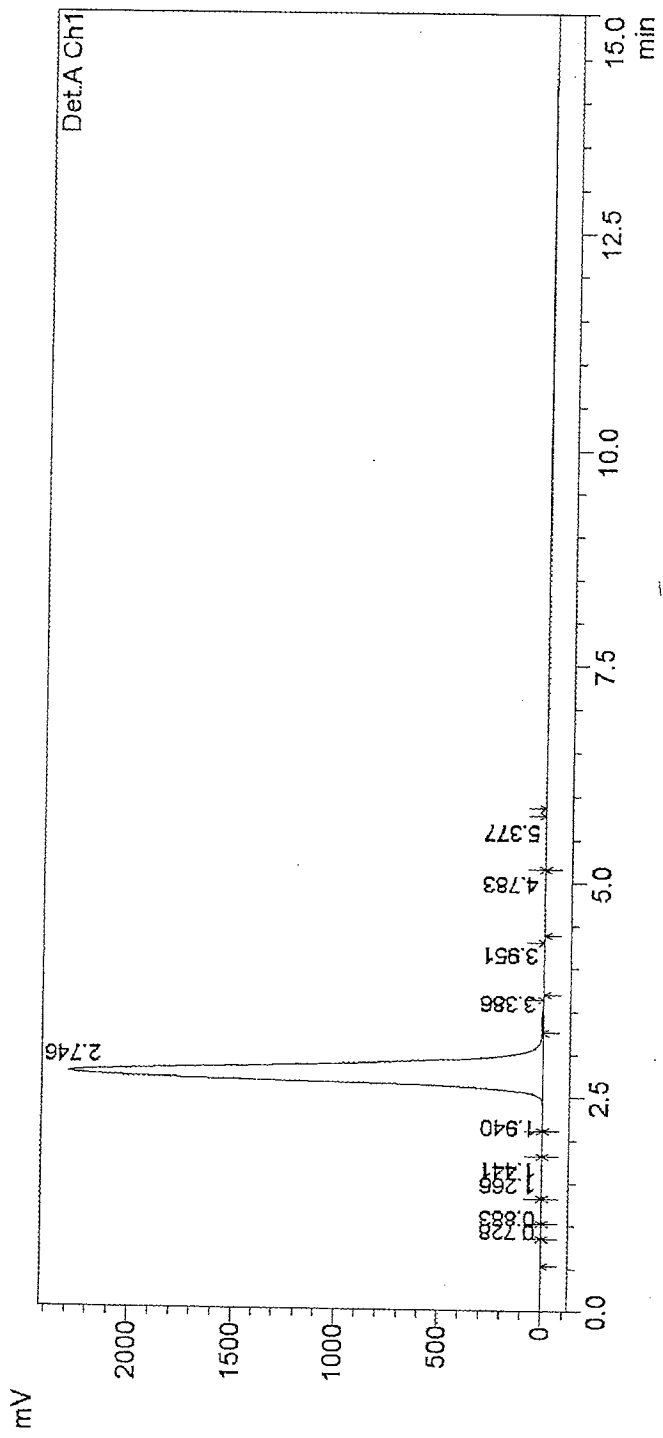
(HPLC attached)

Submitted by [REDACTED]

Date: 2/16/10

Approved by [REDACTED]

Date: 2/16/10



Peak#	Ret. Time	Area	Height	Area %	Height %
1	0.728	5090	459	0.017	0.020
2	0.883	2110	257	0.007	0.011
3	1.266	3651	313	0.012	0.014
4	1.441	19838	1542	0.066	0.067
5	1.940	4349	373	0.014	0.016
6	2.746	29909123	2291852	99.186	99.209
7	3.386	68416	6399	0.227	0.277
8	3.951	73783	4962	0.245	0.215
9	4.783	58832	3409	0.195	0.148
10	5.377	9375	562	0.031	0.024
Total		30154567	2310128	100.000	100.000