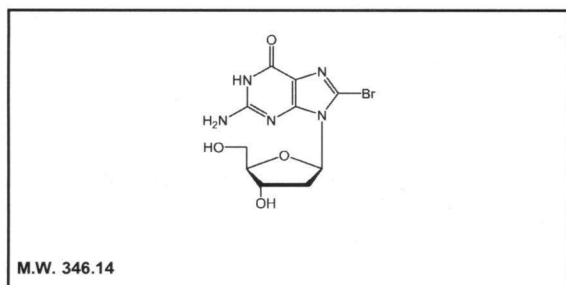




## Product Data Sheet

**M-1754**

### 8-Bromo-2'-deoxyguanosine

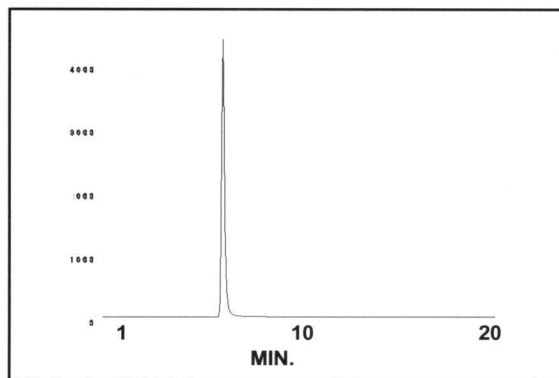


**Lot #:** 165-084-000-A-20090428-RT

**Packaged as:** Solid

**Date of Analysis:** May 21, 2009

**Chemical Purity @ 248nm:** 99.9%



HPLC ANALYSIS LOT 165-084-000-A-20090428-RT  
File Name: inth848 Date and Time: 5/21/2009 9:43:23 AM  
Unit 17 UV

Peak #	Area %	Time	Area
1	100.00	6.15670	5005.52429
Totals	100.00		5005.52429

**Storage Recommendation:** Store at 0-5°C.

**Product Warranty:** Stated on the reverse side of this Product Data Sheet.

**Caution:** Not For Use In Humans Or Clinical Diagnosis. This product is intended for investigational or manufacturing use only. It is pharmaceutically unrefined and is not intended for use in humans. Responsibility for its use in humans, as a diagnostic reagent, and compliance with federal laws rests solely with the purchaser.

**M-1754**

**8-Bromo-2'-deoxyguanosine**

**Lot 165-084-000-A-20090428-RT**

**A) All chromatograms were run using the HPLC method described on the Product Data Sheet.**

**Concentrations and volumes:**

**8-Bromo-2'-deoxyguanosine** solution concentration was 0.5 mg/mL.

Volume of **8-Bromo-2'-deoxyguanosine** alone injection was 15.0  $\mu$ L.

Volume of blank injection was 15.0  $\mu$ L.

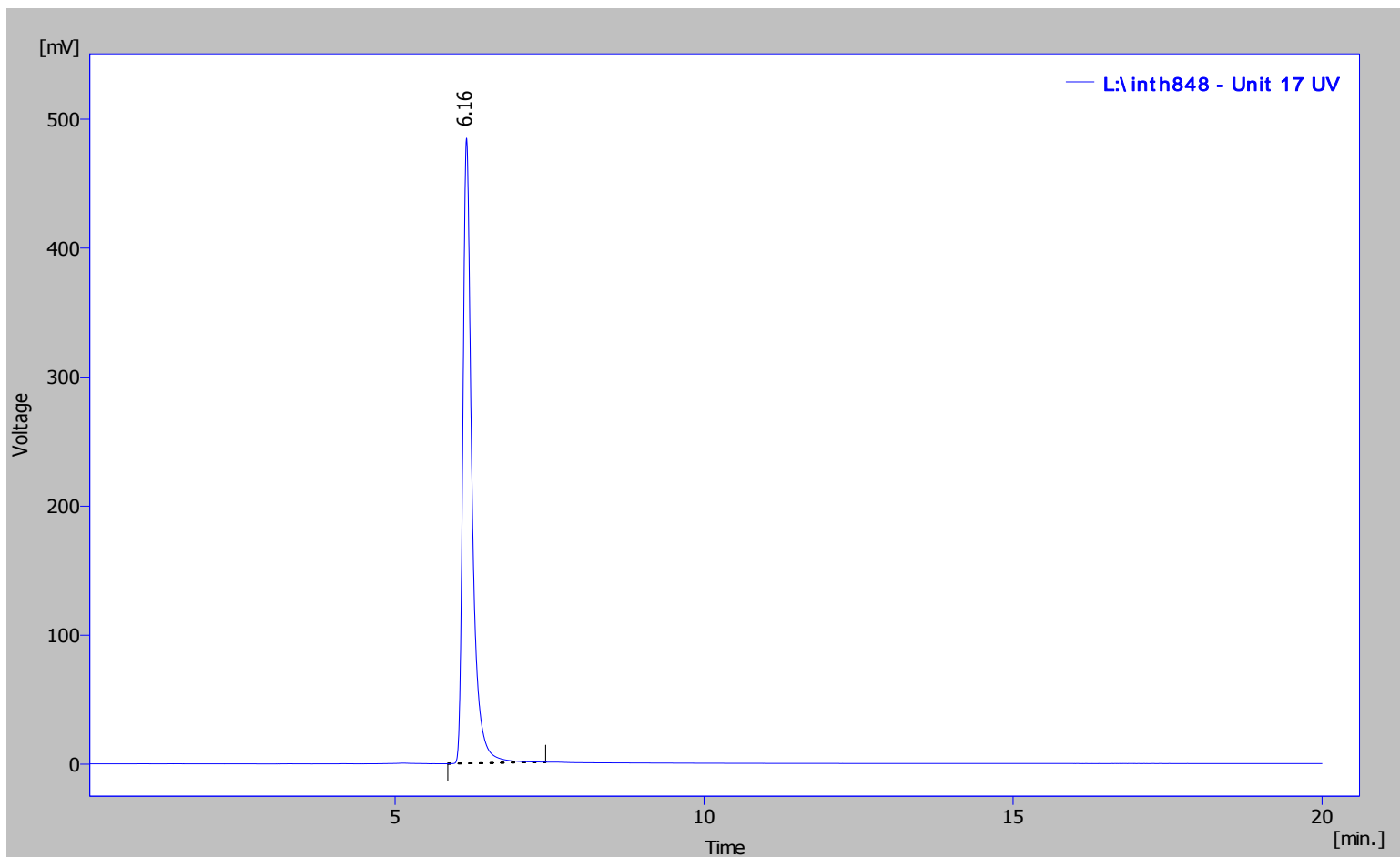
**B) Mass spectrometry - Negative mode**

**C) NMR**

**M-1754**  
**8-Bromo-2'-deoxyguanosine**  
**Lot 165-084-000-A-20090428-RT**

## Chromatogram Info:

File Name	: L:\inth848	File Created	: 11/15/2013 12:03:09 PM
Origin	: Acquired, Acquisition started 5/21/2009 9:23:24 AM	Acquired Date	: 5/21/2009 9:43:23 AM
Project	: Test	By	: Administrator
Method	: Unit17_20_min_run	By	: Administrator
Description	: UV trace of 8-Bromo-2'-deoxyguanosine	Modified	: 11/15/2013 12:08 PM
Created	: 8/9/2007 8:57 AM		
Column	:	Detection	: UV 248nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



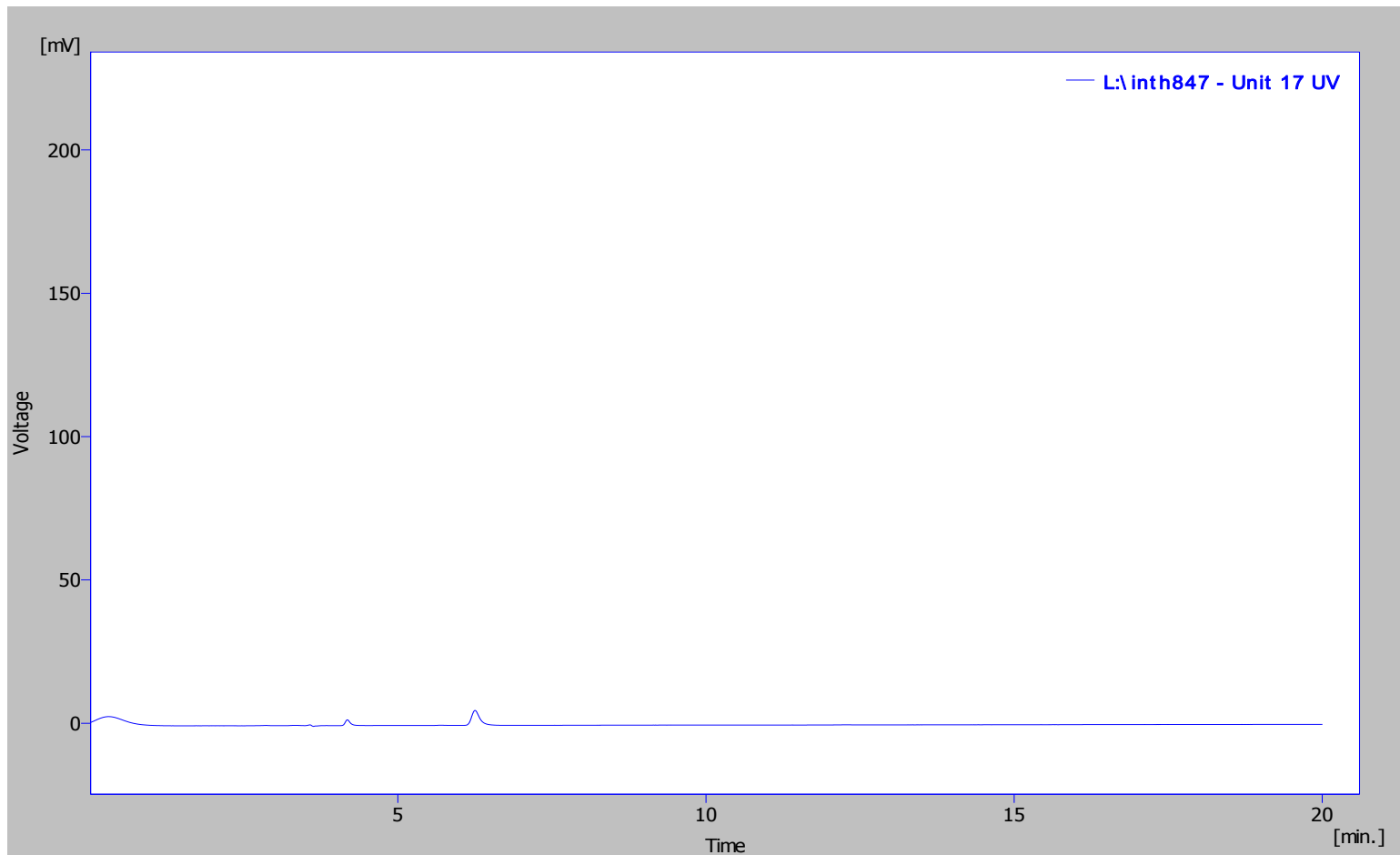
Result Table (Uncal - L:\inth848 - Unit 17 UV)

	Compound Name	Reten. Time [min]	Area [%]	Area [mV.s]	Height [mV]	Height [%]	Efficiency [th.pl]
1		6.157	100.00	4959.599	484.664	100.000	2917.094
		Total	100.00	4959.599	484.664	100.000	

**M-1754**  
**8-Bromo-2'-deoxyguanosine**  
**Lot 165-084-000-A-20090428-RT**

## Chromatogram Info:

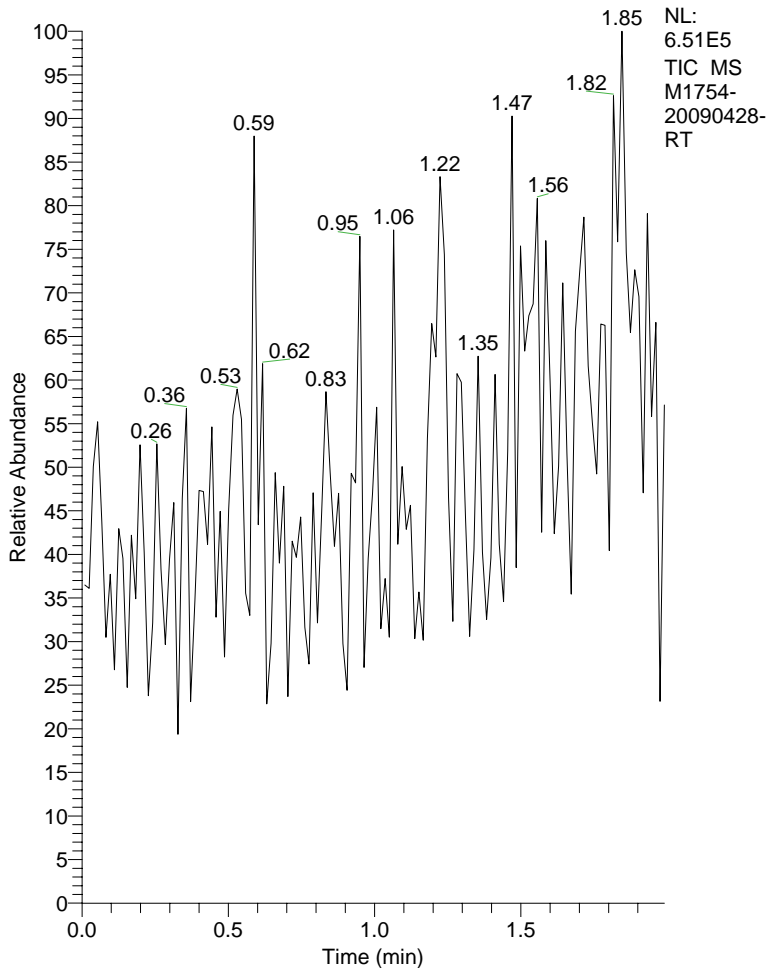
File Name	: L:\inth847	File Created	: 11/15/2013 12:03:09 PM
Origin	: Acquired, Acquisition started 5/21/2009 8:44:05 AM	Acquired Date	: 5/21/2009 9:04:04 AM
Project	: Test	By	: Administrator
Method	: Unit17_20_min_run	By	: Administrator
Description	: UV trace of blank injection	Modified	: 11/15/2013 12:09 PM
Created	: 8/9/2007 8:57 AM		
Column	:	Detection	: UV 248nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



*Result Table (Uncal - L:\inth847 - Unit 17 UV)*

Compound Name	Reten. Time [min]	Area [%]	Area [mV.s]	Height [mV]	Height [%]	Efficiency [th.pl]
No peak to report						

RT: 0.00 - 1.99



M1754-20090428-RT#1-138 RT: 0.01-1.99 AV:

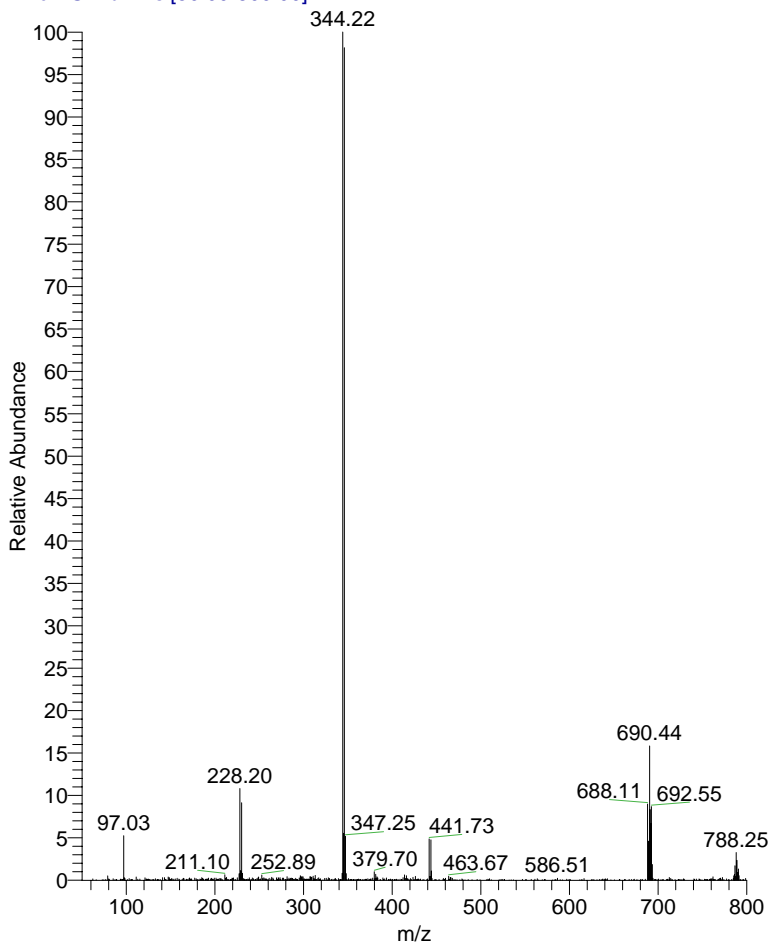
T: - c NSI Full ms [50.00-800.00]

m/z = 342.26-354.16

m/z	Intensity	Relative
342.45	44.8	0.05
343.44	693.0	0.81
344.22	85495.6	100.00
345.12	4718.5	5.52
346.07	83930.8	98.17
347.25	4426.3	5.18
348.11	659.8	0.77
349.15	63.1	0.07
350.65	150.4	0.18
352.29	79.9	0.09
352.82	32.4	0.04
354.06	72.6	0.08

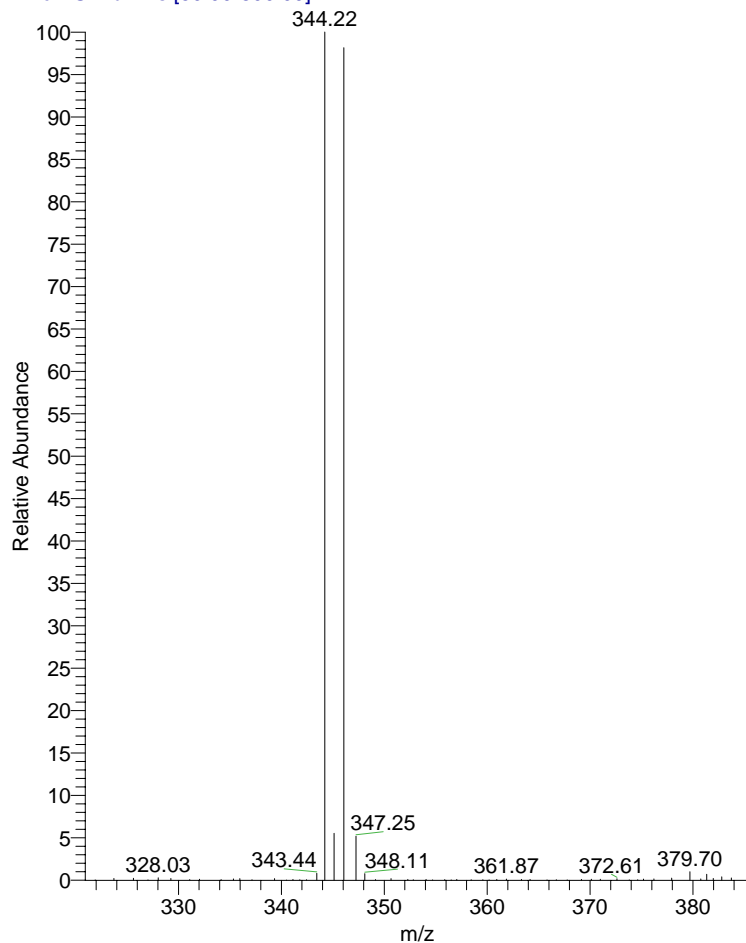
M1754-20090428-RT #1-138 RT: 0.01-1.99 AV: 138 NL: 8.55E4

T: - c NSI Full ms [50.00-800.00]



M1754-20090428-RT #1-138 RT: 0.01-1.99 AV: 138 NL: 8.55E4

T: - c NSI Full ms [50.00-800.00]



M1754 1H NMR in DMSO  
Batch 20080428-RT



10.756

6.572  
6.233  
6.215  
6.197  
5.325  
4.935  
4.462  
4.455  
4.448  
3.873  
3.860  
3.853  
3.840  
3.701  
3.688  
3.672  
3.659  
3.576  
3.561  
3.547  
3.533  
3.419  
3.257  
3.239  
3.223  
3.206  
3.188  
3.188  
2.182  
2.172  
2.165  
2.156  
2.149  
2.139  
2.133  
1.291  
1.115  
1.097

NAME M1754  
EXPNO 1  
PROCNO 1  
Date\_ 20090601  
Time 12.42  
INSTRUM spect  
PROBHD 5 mm PABBO BB-  
PULPROG zg30  
TD 65536  
SOLVENT DMSO  
NS 500  
DS 2  
SWH 8278.146 Hz  
FIDRES 0.126314 Hz  
AQ 3.9584243 sec  
RG 362  
DW 60.400 usec  
DE 6.50 usec  
TE 293.7 K  
D1 1.00000000 sec  
TD0 1

==== CHANNEL f1 =====  
NUC1 1H  
P1 14.50 usec  
PL1 -0.70 dB  
PL1W 10.03411102 W  
SF01 400.1324710 MHz  
SI 32768  
SF 400.1299764 MHz  
WDW EM  
SSB 0  
LB 0.30 Hz  
GB 0  
PC 1.00

