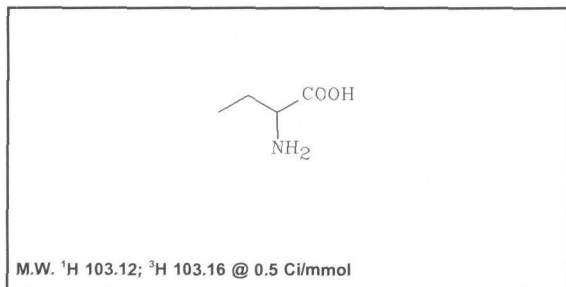




Product Data Sheet

MT-1776

L-2-Aminobutyric acid, [³H]-



Lot #: 211-101-0005-A-20081027-MW

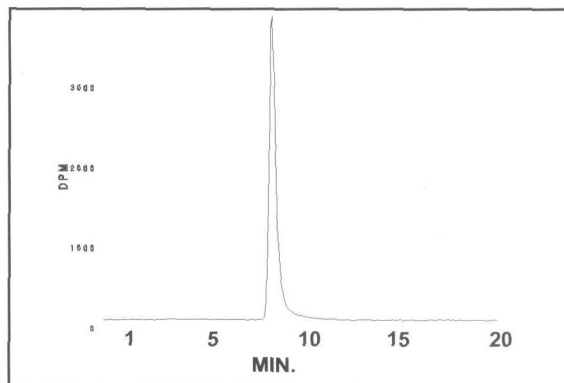
Specific Activity: 0.5 Ci/mmol

Concentration: 1.0 mCi/ml; 206.31 µg/ml

Packaged in: Sterile water solution

Date of Analysis: May 05, 2011

Radiochemical Purity: 99.9%



HPLC ANALYSIS LOT 211-101-0005-A-20081027-MW
File Name: int21117 Date and Time: 5/5/2011 9:56:38 AM
Unit 2 Radio

Peak #	Area %	Time	Area
1	100.00	8.55670	9812.07170
Totals	100.00		9812.07170

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.

MT-1776

L-2-Aminobutyric acid, [³H]-

Lot 211-101-0005-A-20081027-MW

A) The chromatogram was run using the HPLC method described on the Product Data Sheet.

Concentration and volume:

L-2-Aminobutyric acid, [³H]- concentration was 0.1 mCi/ml.

Volume of **L-2-Aminobutyric acid, [³H]-** injection was 1.0 µl.

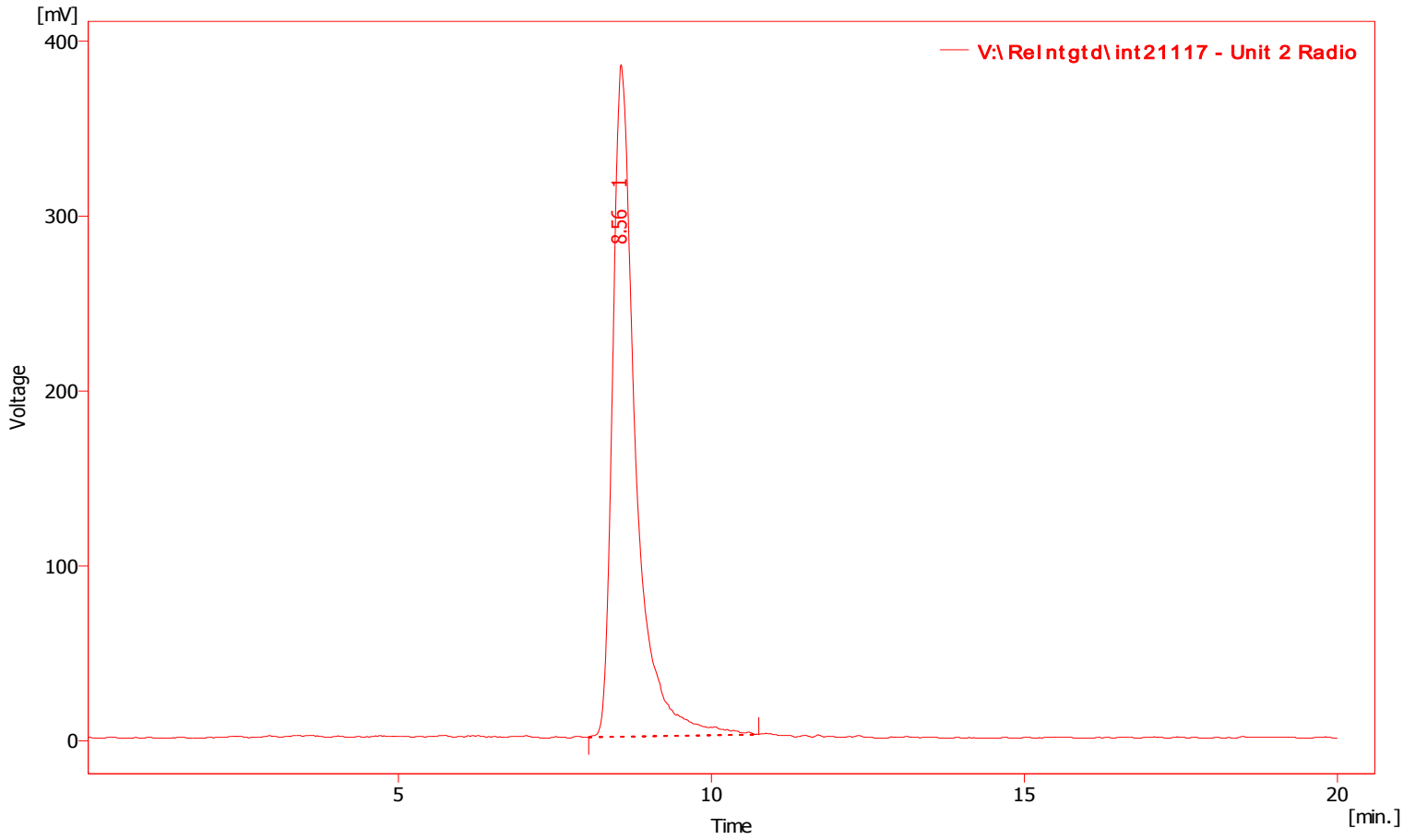
B) Mass spectrometry – Positive mode

C) NMR

MT-1776
L-2-Aminobutyric acid, [3H]-
Lot 211-101-0005-A-20081027-MW

Chromatogram Info:

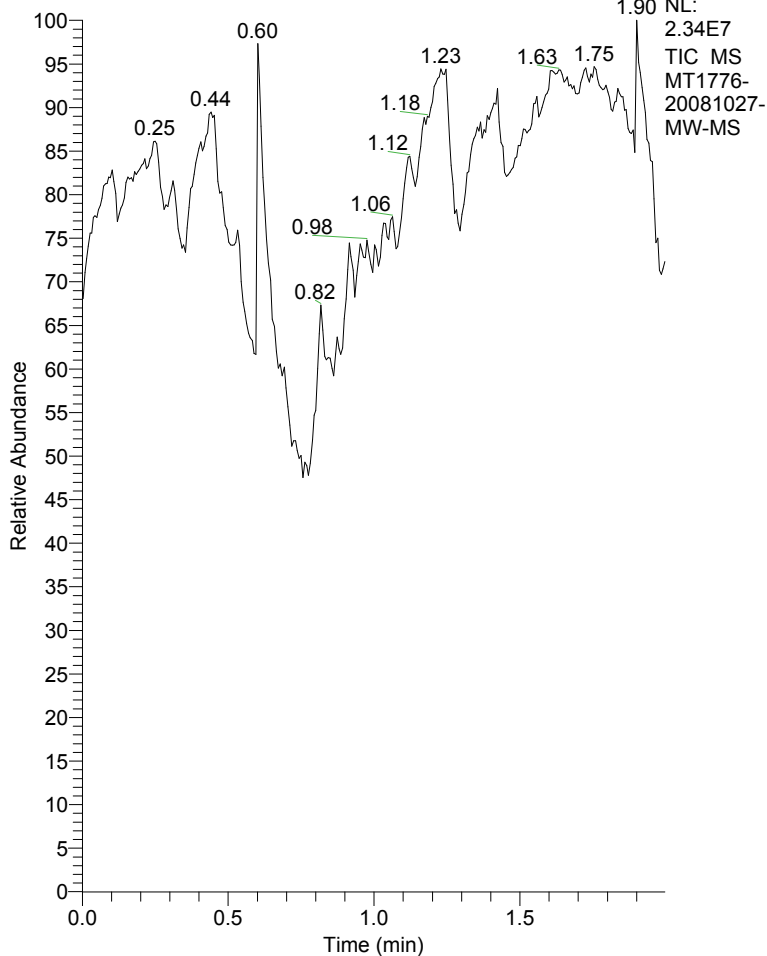
File Name	: V:\ReIntgtd\int21117	File Created	: 4/2/2014 3:11:06 PM
Origin	: Acquired, Acquisition started 5/5/2011 9:36:38 AM	Acquired Date	: 5/5/2011 9:56:38 AM
Project	: Test	By	: Administrator
Method	: unit2-20minrun	By	: Administrator
Description	: Radiochemical trace of L-2-Aminobutyric acid, [3H]-	Modified	: 4/2/2014 3:11 PM
Created	: 8/8/2007 9:12 AM		
Column	:	Detection	: Radiochemical
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



Result Table (Uncal - V:\ReIntgd\int21117 - Unit 2 Radio)

	Compound Name	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	Efficiency [th.pl]	Eff/I [t.p./m]	Symmetry/Tailing [-]	Response Factor	Resolution [-]
1		8.56	9812.072	384.20	100.00	100.00	3311.18	66223.62	1.75		
		Total	9812.072	384.20	100.00	100.00					

RT: 0.00 - 2.00



MT1776-20081027-MW-MS#1-334 RT: 0.00-2.00

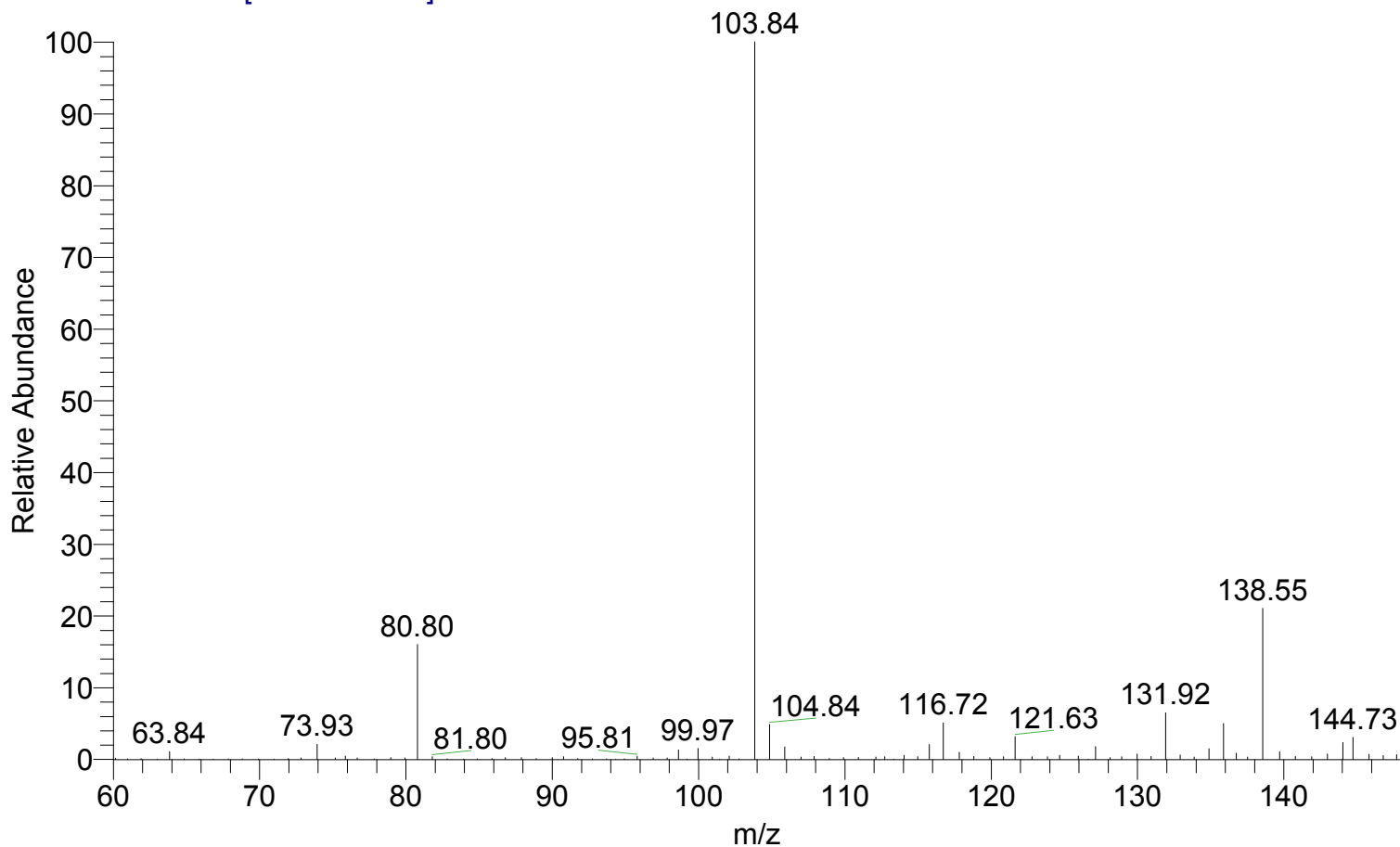
T: + c NSI Full ms [60.00-148.00]

m/z = 102.05-110.50

m/z	Intensity	Relative
102.08	40846.8	0.44
102.76	6626.5	0.07
103.84	9377002.8	100.00
104.84	455963.9	4.86
105.88	161572.6	1.72
107.01	28437.5	0.30
107.89	37859.4	0.40
108.93	10767.8	0.11
109.90	20283.3	0.22

MT1776-20081027-MW-MS #1-334 RT: 0.00-2.00 AV: 334 NL: 9.38E6

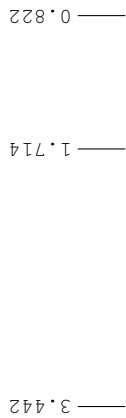
T: + c NSI Full ms [60.00-148.00]



MT11776 3H NMR in D2O
Batch 20081027-MW



BRUKER



NAME MT11776-20081027-MW
EXPNO 1
PROCNO 1
Date_ 20110511
Time_ 13.43
INSTRUM spect
PROBHD 5 mm DUX 3H-1H
PULPROG zg
TD 16384
SOLVENT D2O
NS 5000
DS 2
SWH 6172.839 Hz
FIDRES 0.376760 Hz
AQ 1.3271540 sec
RG 46341
DW 81.000 usec
DE 6.00 usec
TE 300.0 K
D1 2.00000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 3H
P1 10.00 usec
PL1 2.00 dB
SFO1 320.1321857 MHz
SI 32768
SF 320.1305850 MHz
WDW EM
SSB 0
LB 1.20 Hz
GB 0
PC 1.00

