

Supporting Information

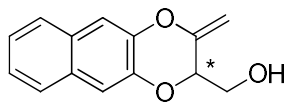
(3-Methylene-2,3-dihydronaphtho[2,3-b][1,4]dioxin-2-yl)methanol

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Summary

(3-methylene-2,3-dihydronaphtho[2,3-b][1,4]dioxin-2-yl)methanol (1).....	S-2
¹ H in CDCl ₃	S-2
¹ H in DMSO-d ₆	S-2
¹³ C in DMSO-d ₆	S-3
HPLC.....	S-3
HIGH-RESOLUTION MASS ANALYSIS	S-4
ATR FT-IR	S-5
(2-methyl-3-methylene-2,3-dihydronaphtho[2,3-b][1,4]dioxin-2-yl)methanol (8)	S-6
¹ H in CDCl ₃	S-6
¹ H in DMSO-d ₆	S-6
¹³ C in DMSO-d ₆	S-7
HPLC.....	S-7
HIGH-RESOLUTION MASS ANALYSIS	S-8
ATR FT-IR	S-9

(3-methylene-2,3-dihydronaphtho[2,3-b][1,4]dioxin-2-yl)methanol (1)



^1H in CDCl_3

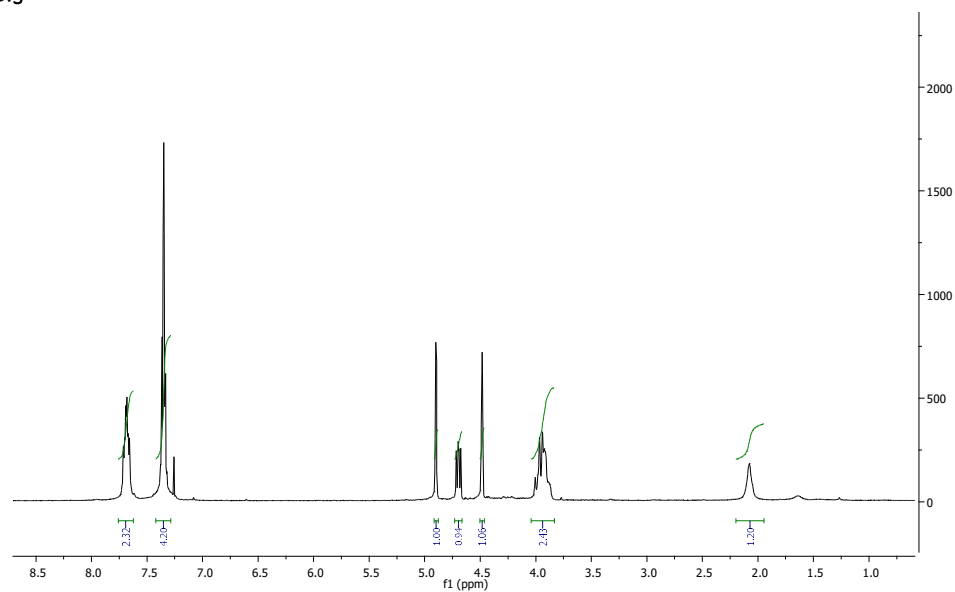


Figure S-1

^1H in $\text{DMSO}-d_6$

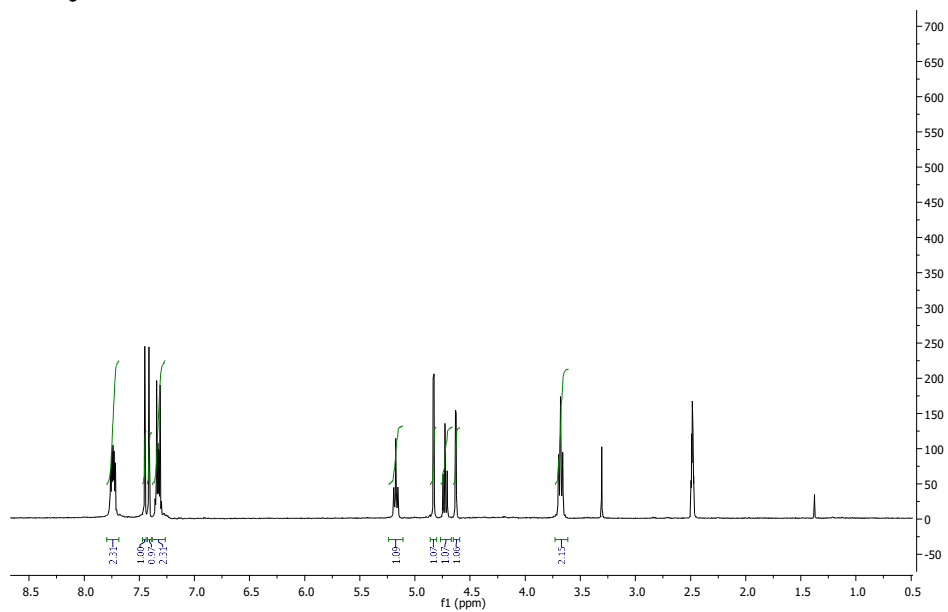


Figure S-2

^{13}C in DMSO- d_6

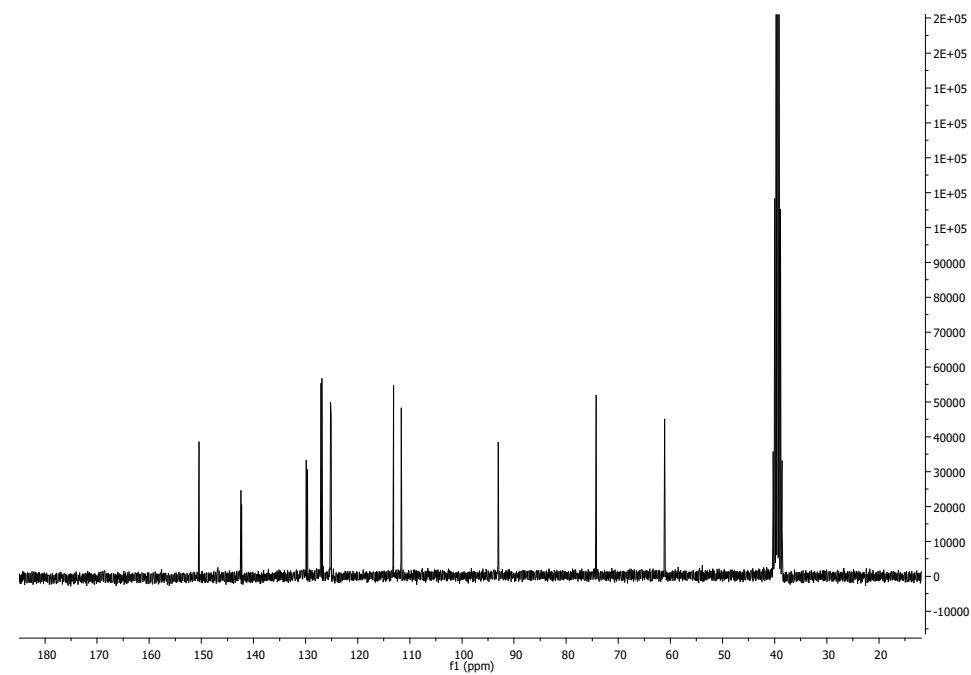


Figure S-3

HPLC

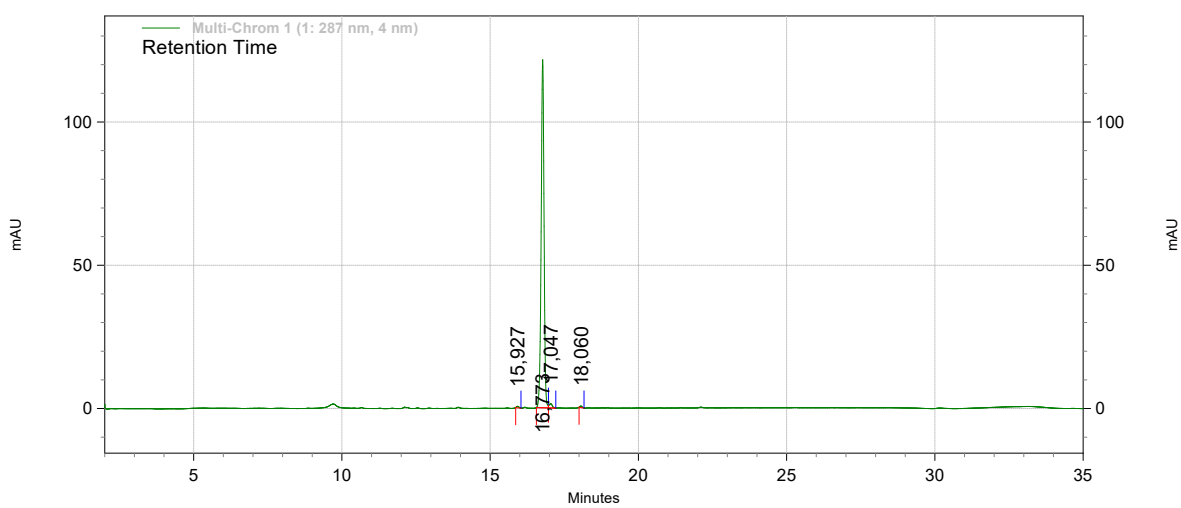


Figure S-4

HIGH-RESOLUTION MASS ANALYSIS

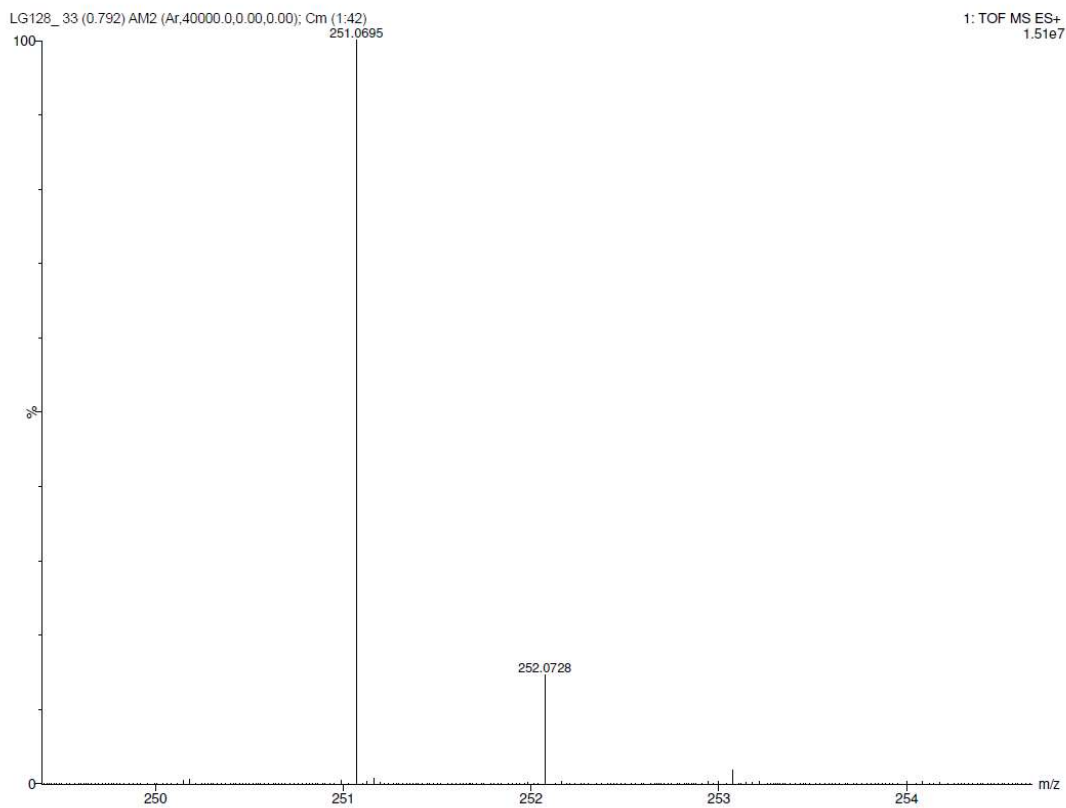


Figure S-5

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 = 5

Monoisotopic Mass, Even Electron Ions

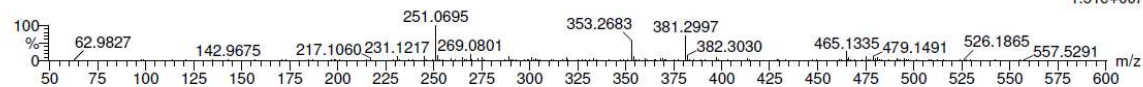
4 formula(e) evaluated with 1 results within limits (all results (up to 1000) for each mass)

Elements Used:

C: 14-14 H: 12-13 O: 3-3 Na: 0-4

LG128_ 33 (0.792) AM2 (Ar,40000.0,0.00,0.00); Cm (1:42)

1: TOF MS ES+
1.51e+007



Minimum: -5.0
Maximum: 5.0 5.0 300.0

Mass	Calc. Mass	mDa	PPM	DBE	i-FIT	Norm	Conf (%)	Formula
251.0695	251.0684	1.1	4.4	8.5	3225.8	n/a	n/a	C14 H12 O3 Na

Figure S-6

ATR FT-IR

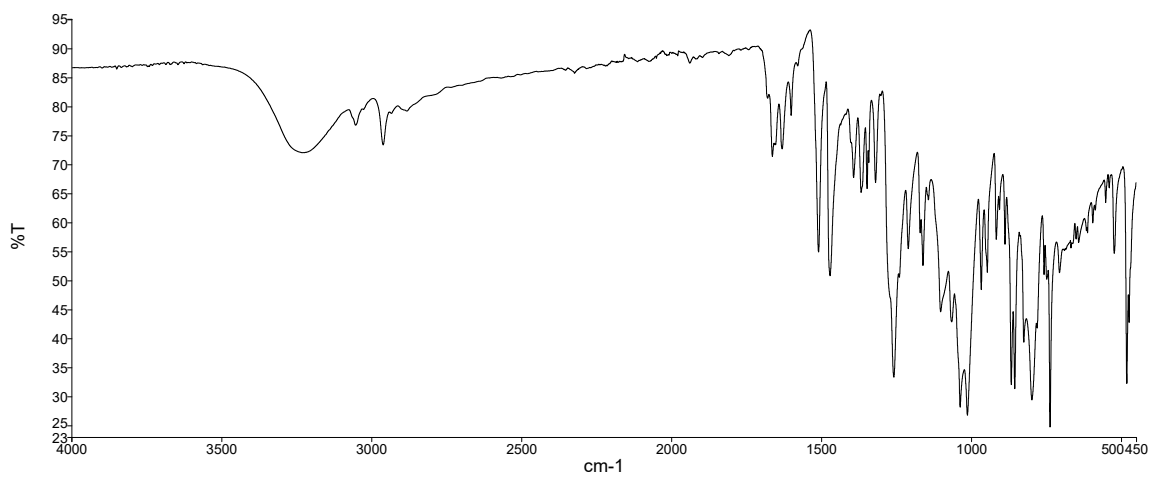
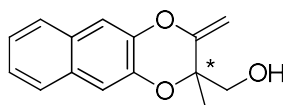


Figure S-7

(2-methyl-3-methylene-2,3-dihydronaphtho[2,3-b][1,4]dioxin-2-yl)methanol (8)



^1H in CDCl_3

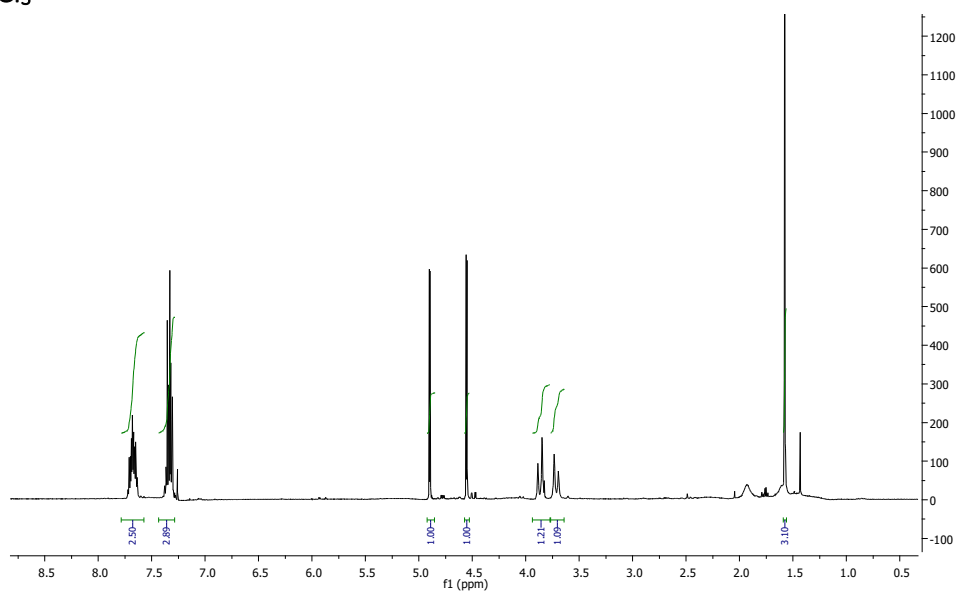


Figure S-8

^1H in DMSO-d_6

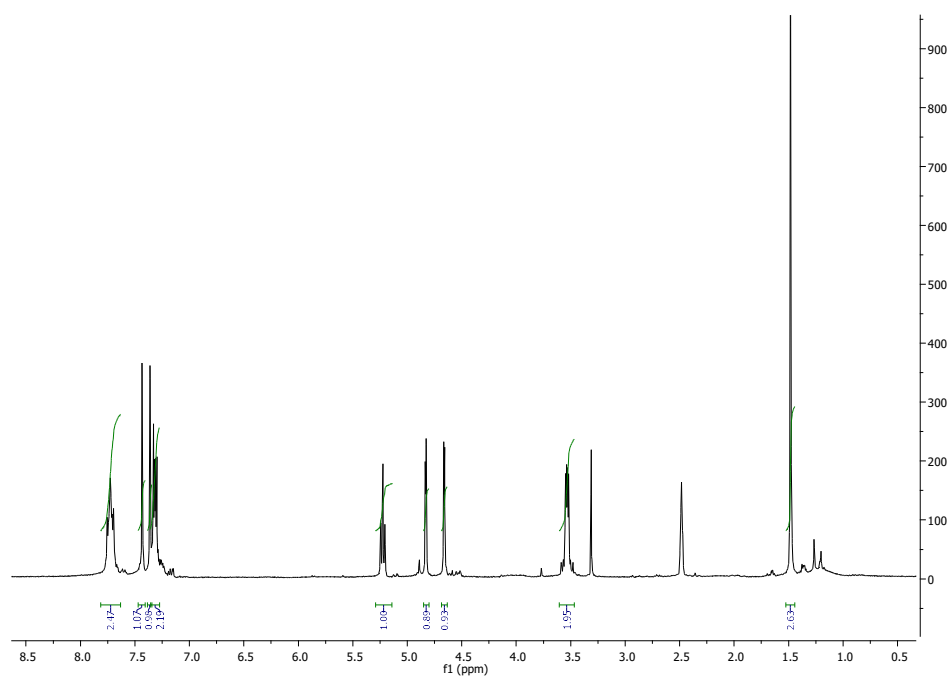


Figure S-9

^{13}C in DMSO- d_6

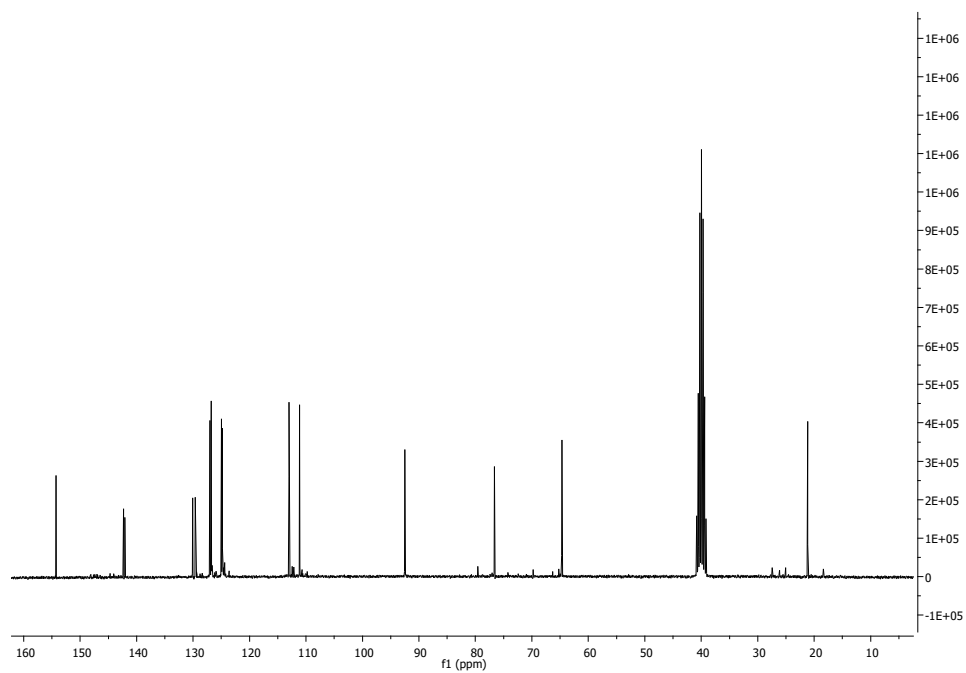


Figure S-10

HPLC

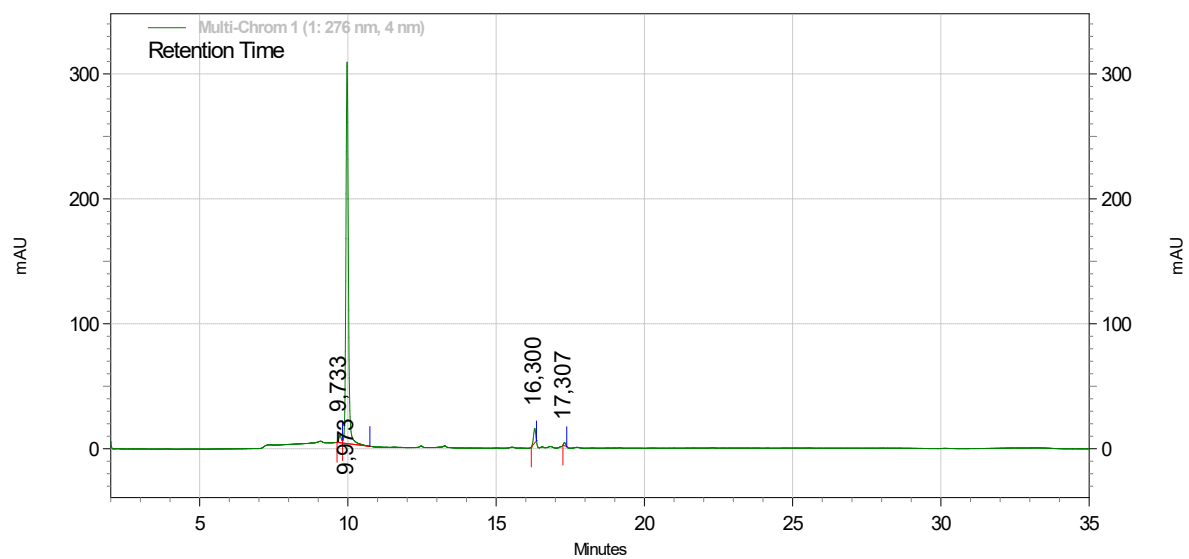


Figure S-11

HIGH-RESOLUTION MASS ANALYSIS

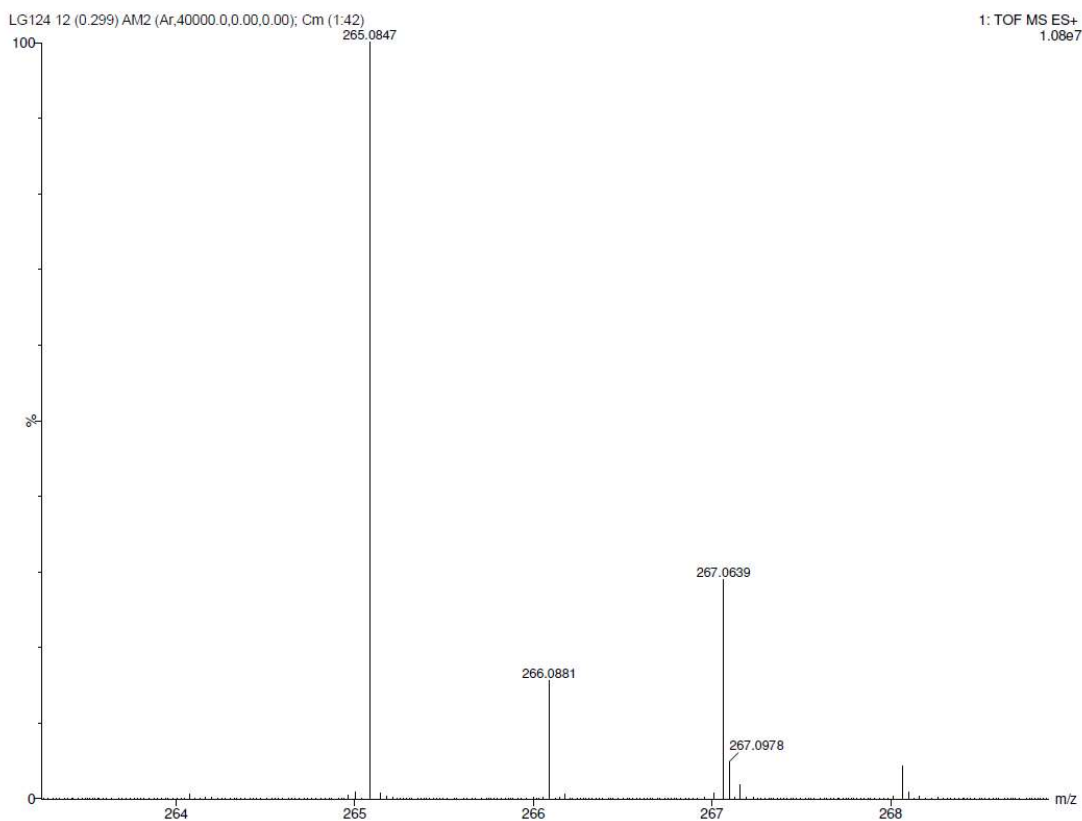


Figure S-12

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 = 5

Monoisotopic Mass, Even Electron Ions

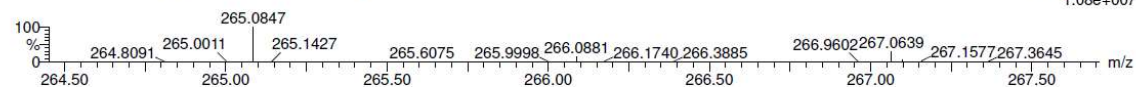
4 formula(e) evaluated with 1 results within limits (all results (up to 1000) for each mass)

Elements Used:

C: 15-15 H: 14-14 O: 3-3 Na: 0-4

LG124 12 (0.299) AM2 (Ar,40000.0,0.00,0.00); Cm (1:42)

1: TOF MS ES+
1.08e+007



Minimum:

Maximum:

5.0

5.0

-5.0

300.0

Mass	Calc. Mass	mDa	PPM	DBE	i-FIT	Norm	Conf (%)	Formula
265.0847	265.0841	0.6	2.3	8.5	1788.0	n/a	n/a	C15 H14 O3 Na

Figure S-13

ATR FT-IR

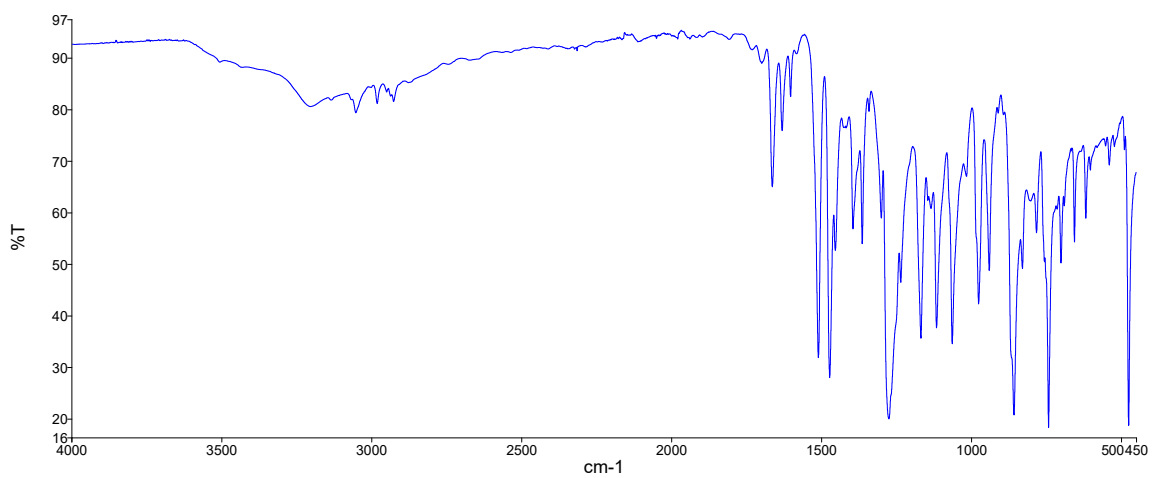


Figure S-14