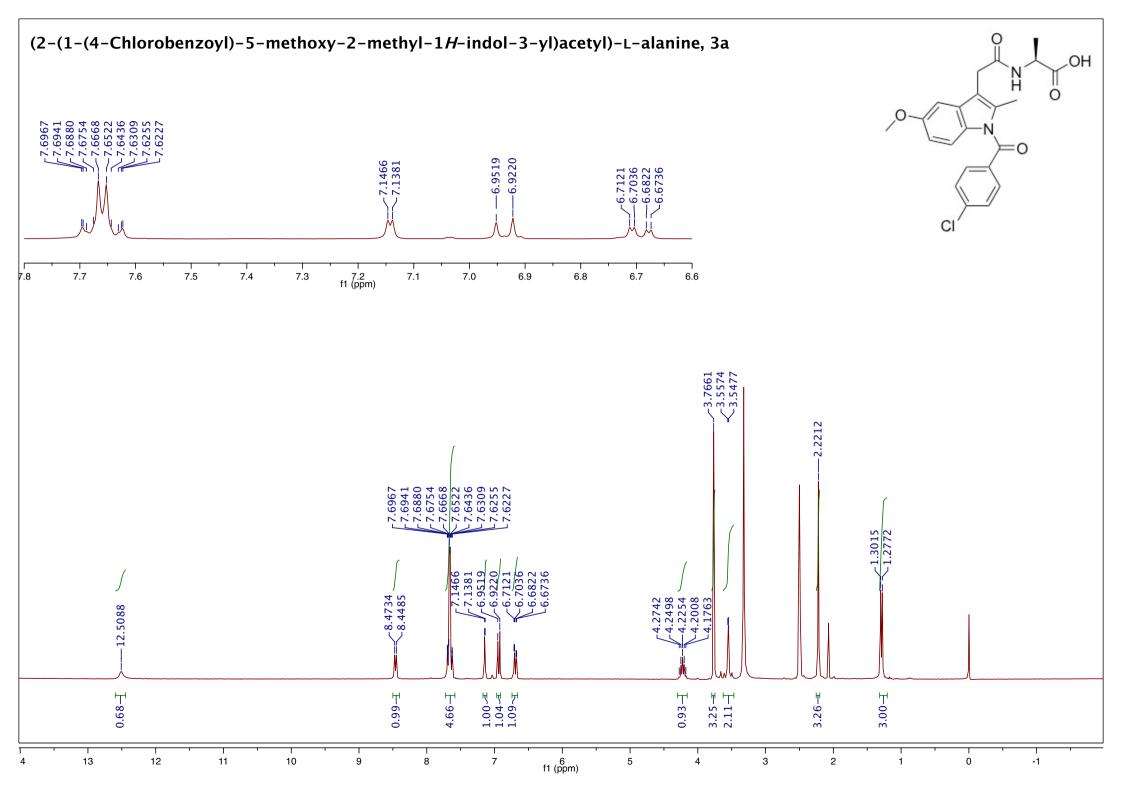
| Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry. This journal is © The Royal Society of Chemistry 2014 | |
|---|--|
| | |

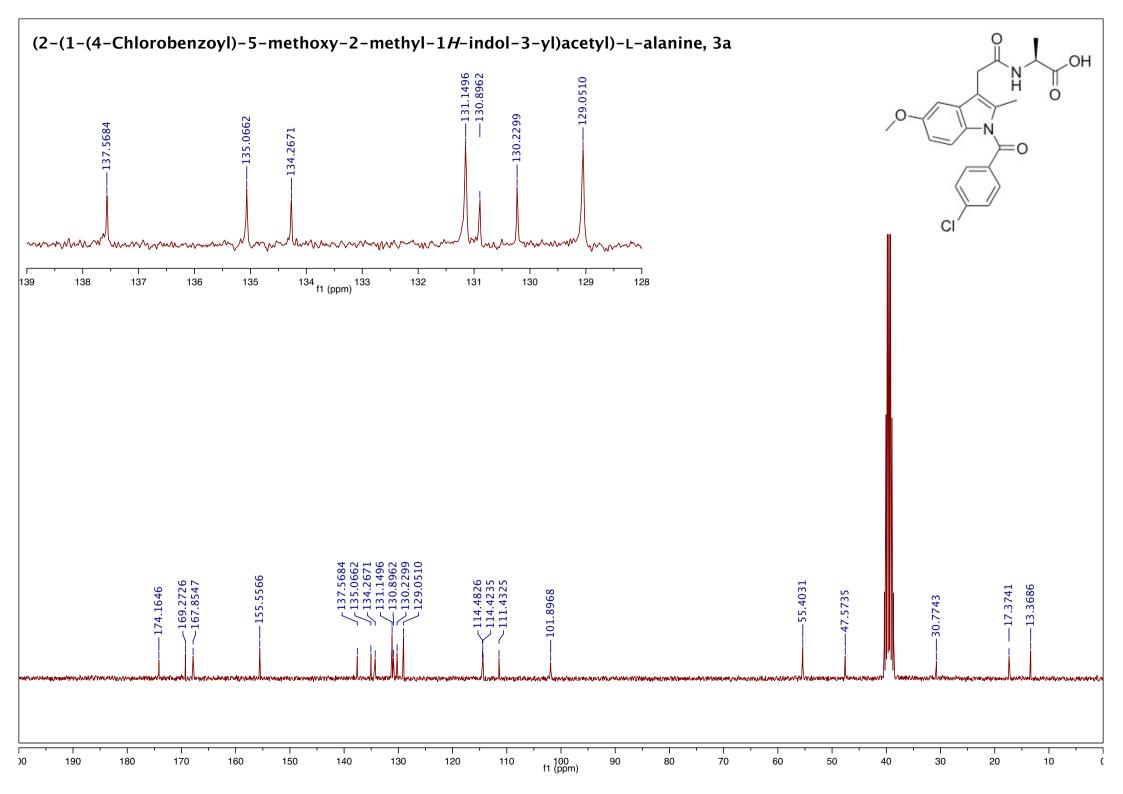
Supporting Information

Synthesis of Glucosamine-NSAID Bioconjugates

Rachel A. Jones, Yann Thillier, Siva S. Panda, Nicole Rivera Rosario, C. Dennis Hall and Alan R. Katritzky

 1 H and 13 C NMR spectra and CHN or ESI data for compounds 3a - d, 3g - h, 7a - h, 6a, 6b, 6b', 6c', 6d', 6e, 6f', 6g and 6h.



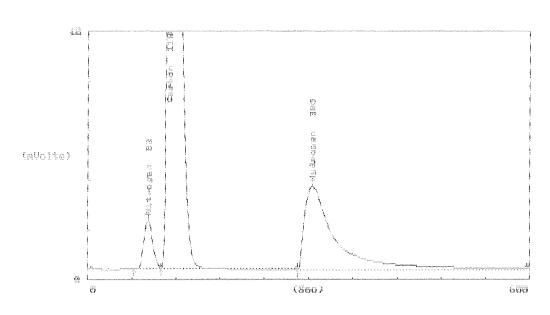


EAGER 200 Stripchart

Sample Ident. : 14 RaJ2-053-1a Filename :280514

Analysed : 07-30-13 11:19:14 Printed : 07-30-2013 11:29:16

341-168



EAGER 200 Peak Integration Report

Instrument name : Instrument #1 Bline drift (fV):-2.3 Company Name : U of Florida Operator Ident. : KOU

Analysed : 07-30-13 11:19:14 Printed : 07-30-2013 11:29:17

Sample Ident. : 14 RaJ2-053-1a Filename : 280514

Sample Weight : 2.123 Calc.method: using 'K. Factors'

| | | | End (Sec) | Ret Time (Sec) | Height (<i>f</i> V) | Area (fV*Sec) | Area % | Name |
|----|----|-----|--------------|---------------------------------------|-------------------------|--------------------|--------|---|
| 1. | FU | 63 | 100 | 82 | 1935.2 | 25840 | 2.78 | Nitrogen |
| 2. | FU | 100 | 285 | 110 | 50386.0 | 743785 | 79.92 | Carbon |
| 3 | RS | 285 | 597 | 305 | 3306.6 | 161014 | 17.30 | Hydrogen |
| | | | | the transfer was taken and the second | | | | Marine 202 - 10 - 10 - 10 - 10 - 10 - 10 - 10 |

930639 100.00

EAGER 200 Unk Report

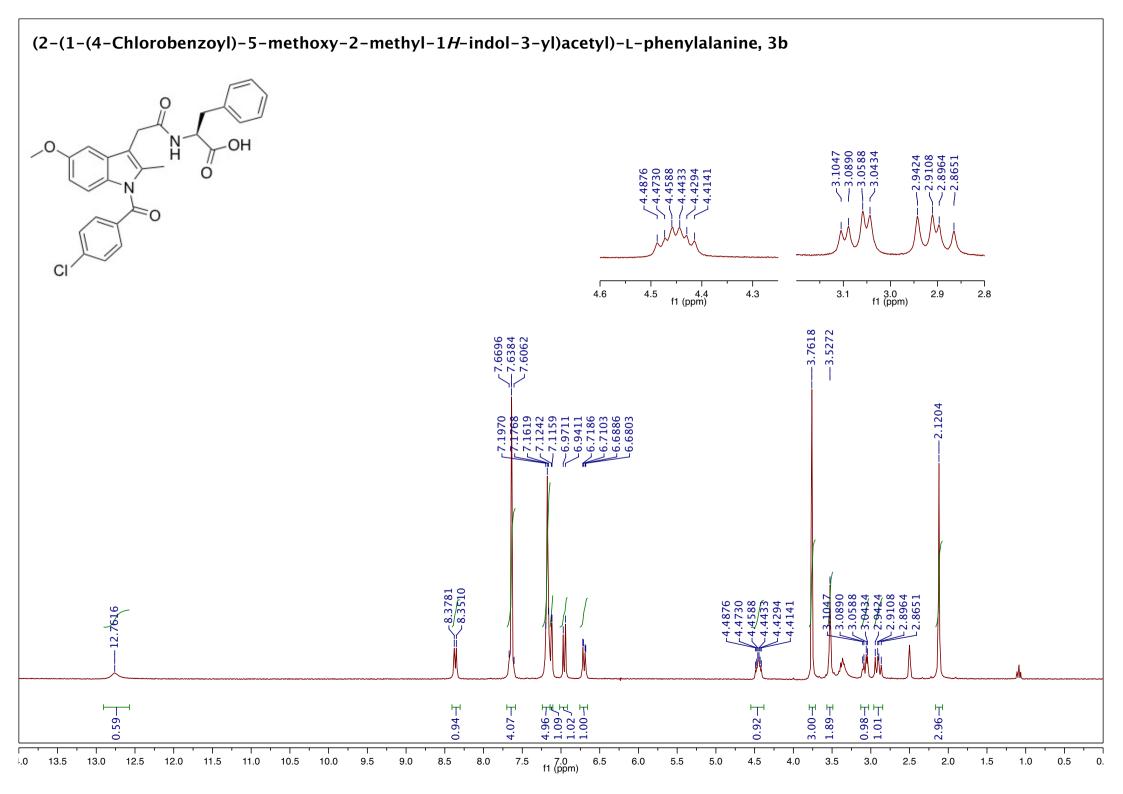
Instrument name : Instrument #1 Bline drift (fV):-2.3 Company Name : U of Florida Operator Ident. : KOU

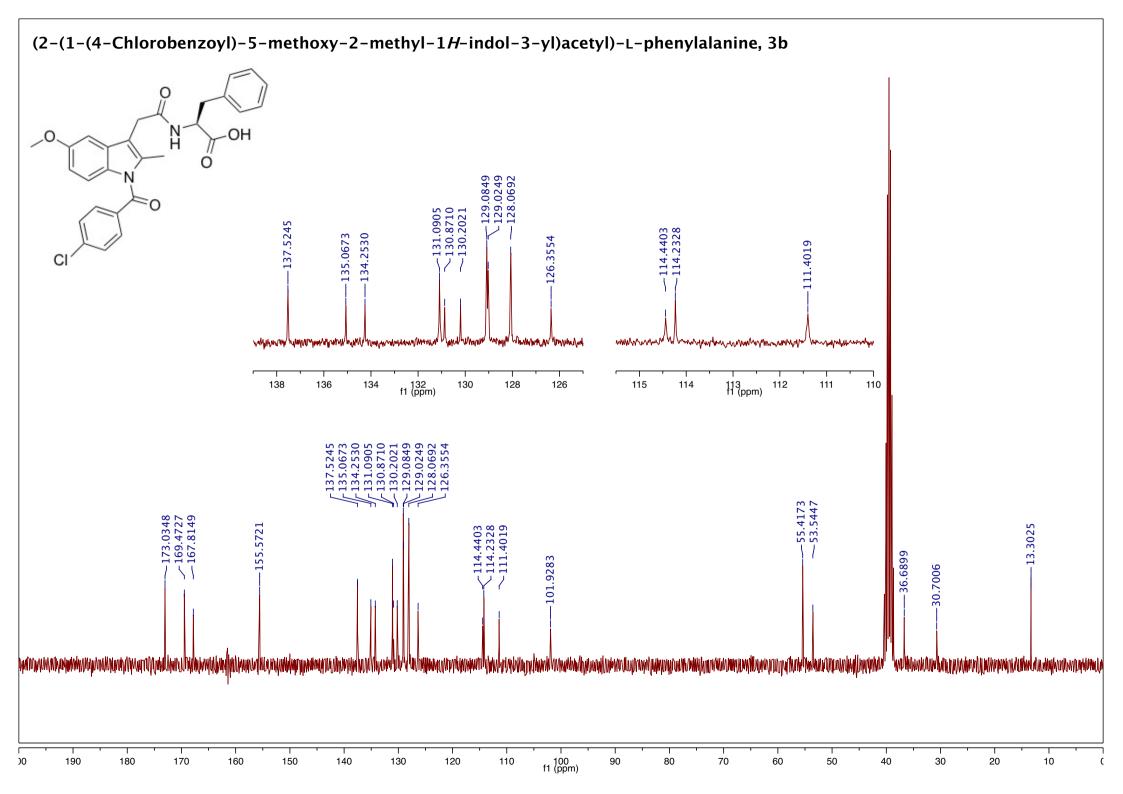
Analysed : 07-30-13 11:19:14 Printed : 07-30-2013 11:29:17

Sample Ident. : 14 RaJ2-053-1a Filename : 280514

Sample Weight : 2.123 Calc.method: using 'K. Factors'

| Pk. | Ret Time | Area | Element % | Area Ratio | Name |
|-----|----------|------------|-----------|-------------|----------|
| (#) | (Sec) | (fV*Sec) | (%) | | |
| 1. | 32 | 25840 | 6.129 | .287842E+02 | Mitrogen |
| 2 | 110 | 743785 | 61.316 | .100000E+01 | Carbon |
| 3 | 305 | 161014 | 4.763 | .461938E+01 | Hydrogen |
| | | | | | |





Con plan Con line find Stripshert

Sample Ident.

: 12 RaJ2-053-b2

Filename

Analysed

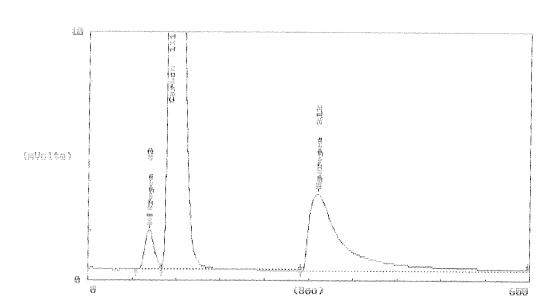
: 07-12-13 11:06:25

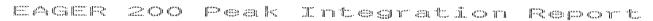
Printed

:279712 :07-12-2013

12:55:05

341-164





Instrument name : Instrument #1

Company Name : U of Florida

Analysed : 07-12-13 11:06:25

Sample Ident. : 12 RaJ2-053-b2

Sample Weight : 2.095

Bline drift (fV): .4 Operator Ident. : KOU

Printed : 07-12-2013 12:55:05

Filename : 279712

Calc.method: using 'K. Factors'

| | | Start (Sec) | | Ret Time (Sec) | Height (<i>f</i> V) | Area (fV*Sec) | Area % | Name |
|--------|----------|----------------|------------|-------------------|-------------------------|------------------|---------------|--------------------|
| 1 2 | FU FU | 65 100 | 100 289 | 83 111 | 1575.9 51785.5 | 22295 813969 | 2.24 81.69 | Nitrogen Carbon |
| 3 | RS | 289 | 598 | 312 | 3053.0 | 160095 | 16.07 | Hydrogen |

996359 100.00

EAGER 200 Unk Ftepport.

Instrument name : Instrument #1 Company Name : U of Florida

Analysed

: 07-12-13 11:06:25

Sample Ident. : 12 RaJ2-053-b2 Sample Weight

: 2.095

Bline drift (fV): .4

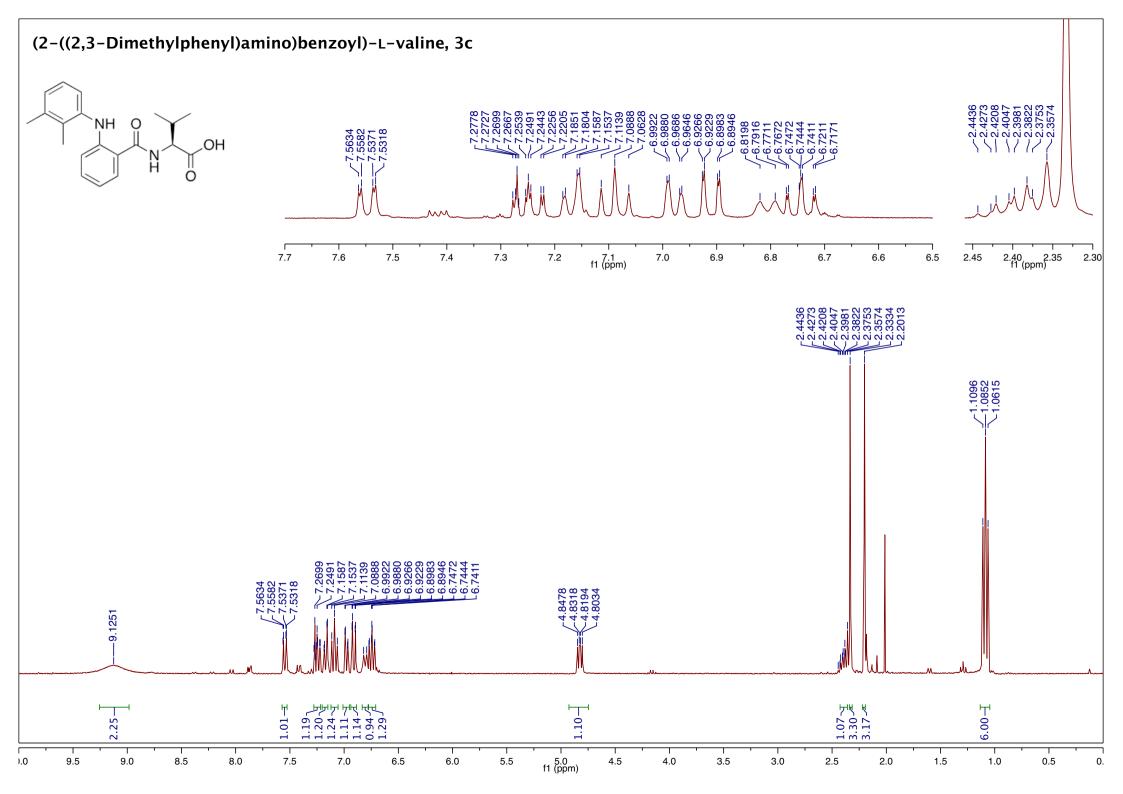
Operator Ident. : KOU

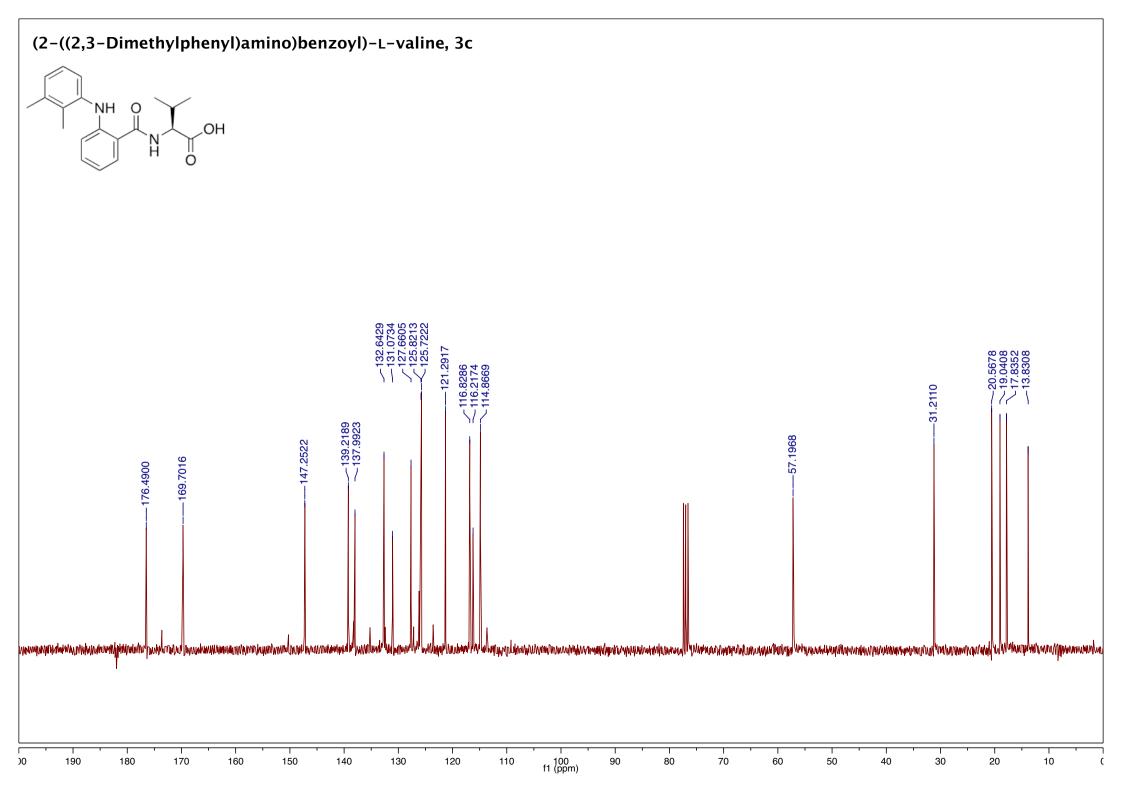
Printed : 07-12-2013

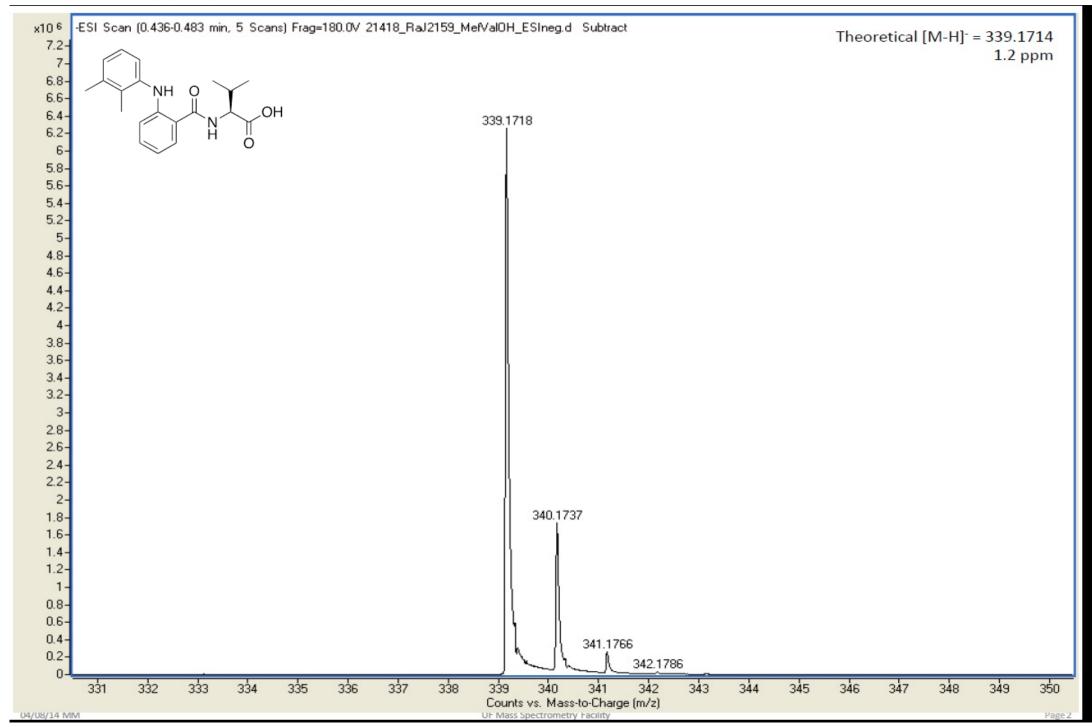
Filename : 279712

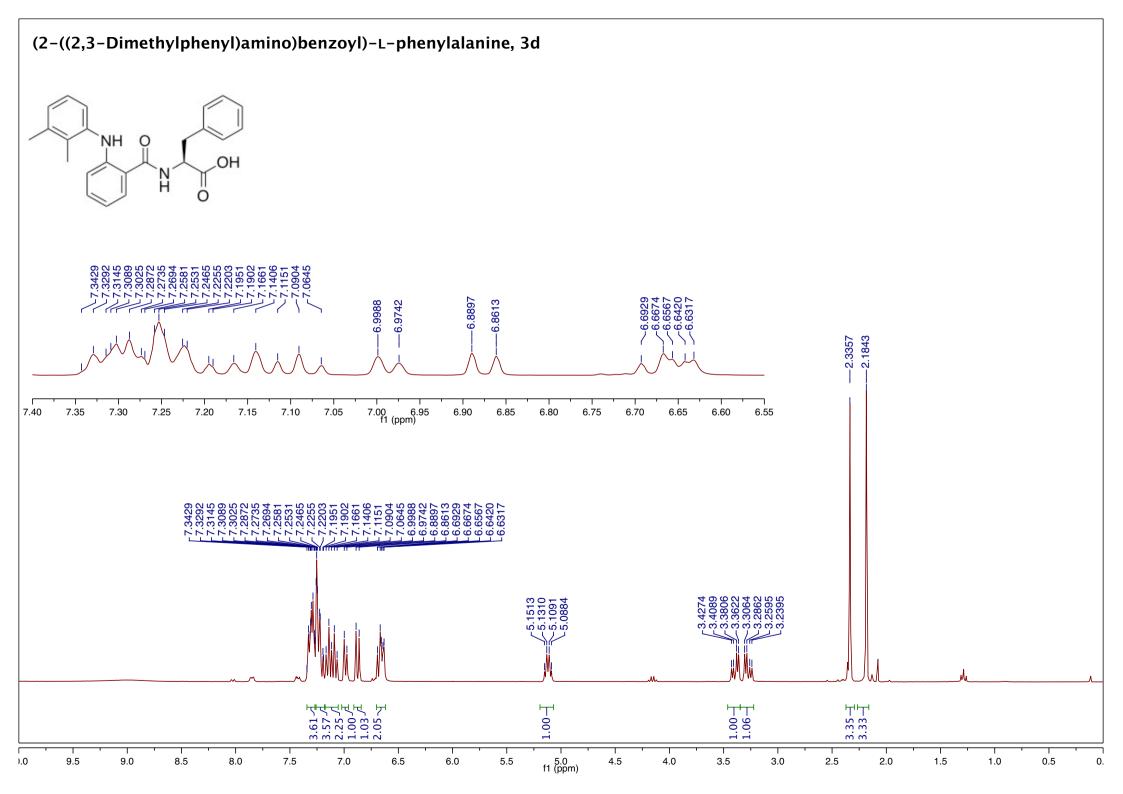
Calc.method: using 'K. Factors'

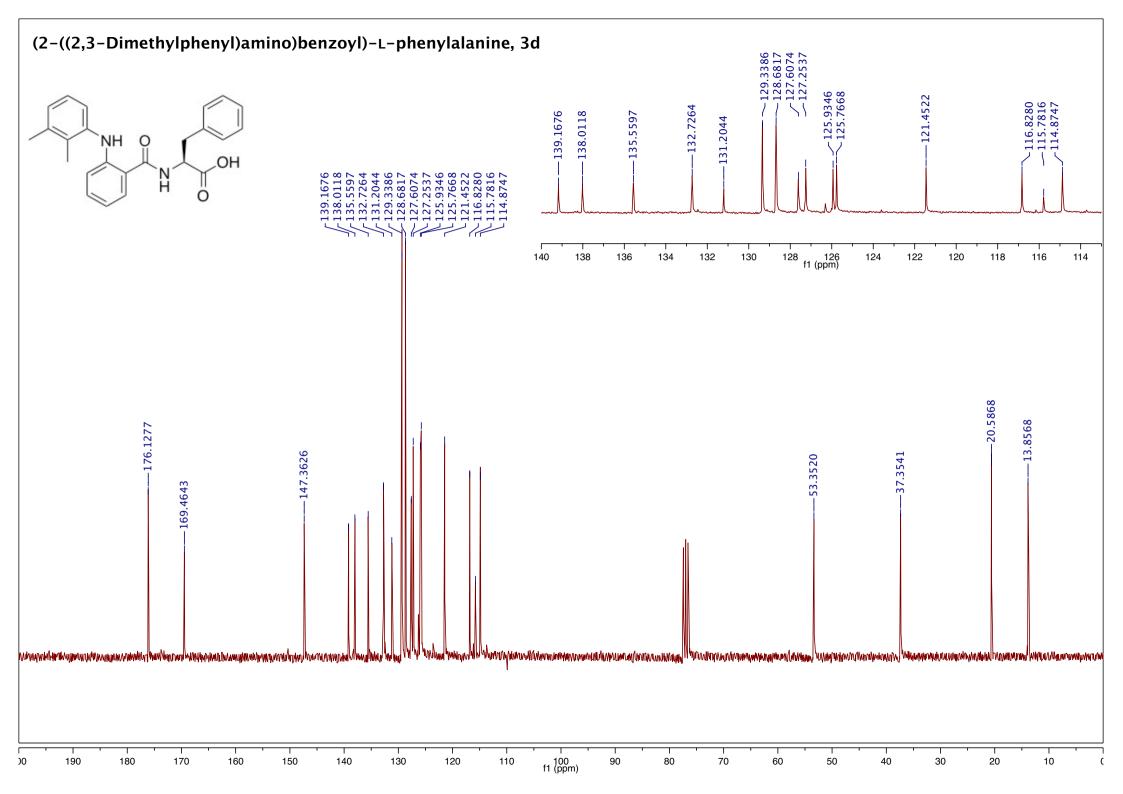
| Pk. (#) | Ret Time (Sec) | Area (<i>f</i> V*Sec) | Element % (%) | Area Ratio | Name |
|-------------|-------------------|---|--|---|--|
| 1 | 83 | 22295 | 5.212 | .365097E+02 | Nitrogen |
| 2. | 111 | 813969 | 66.298 | .100000E+01 | Carbon |
| 3 | 312 | 160095 | 4.926 | .508427E+01 | Hydrogen |
| 115 114 190 | | the state of the same and the same and the same and | The state of the second state of the second state of the second s | the contract of the second of the contract of | the same and the age and age try and age who |

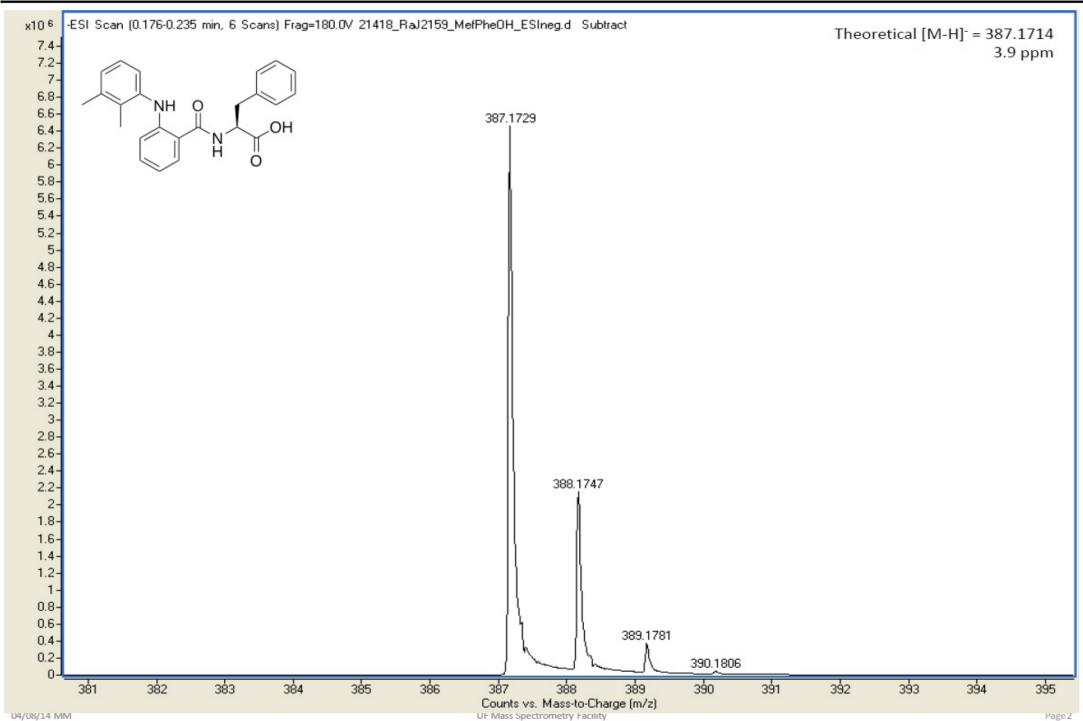


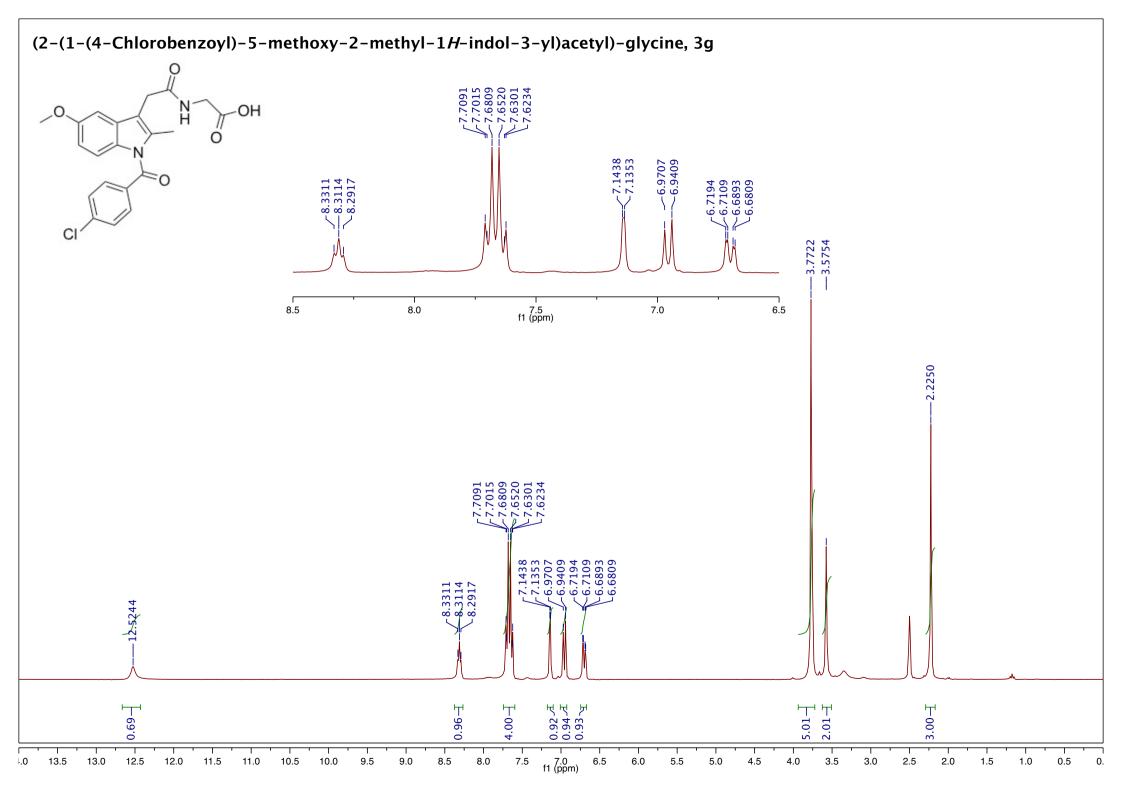


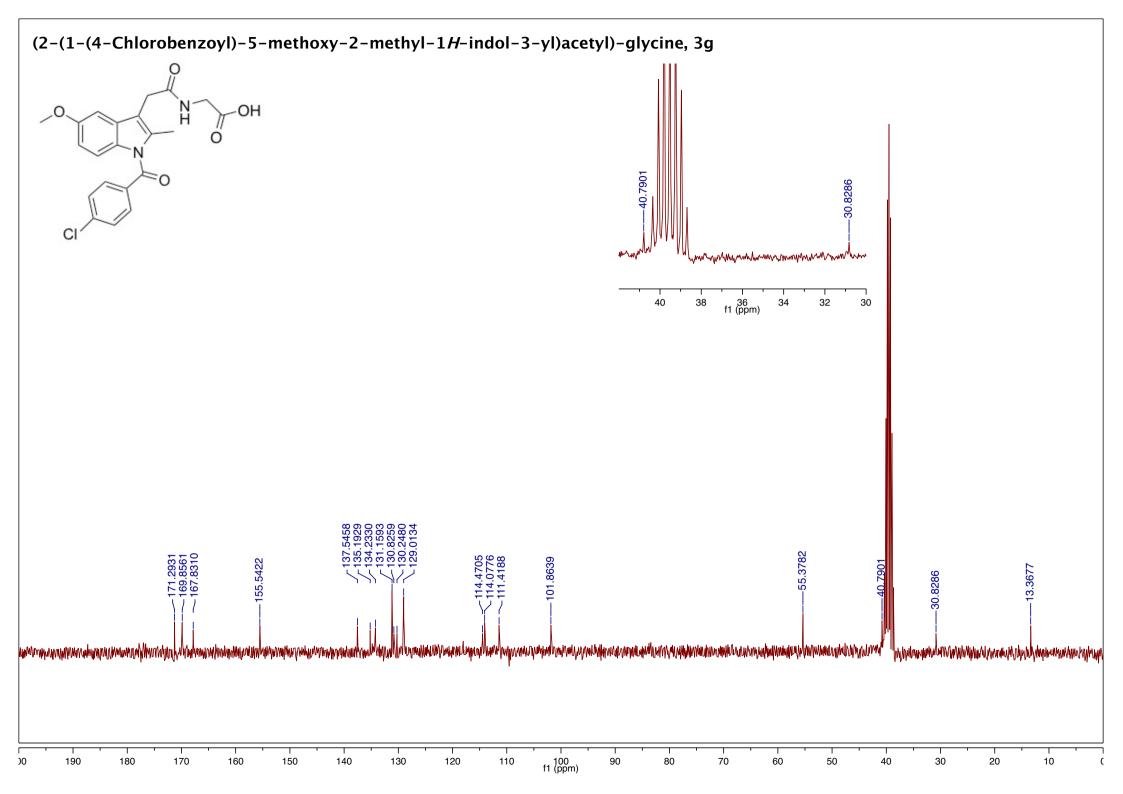










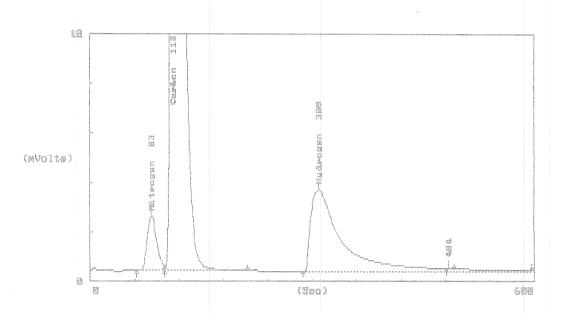


(2-(1-(4-Chlorobenzoyl)-5-methoxy-2-methyl-1H-indol-3-yl)acetyl)-glycine, 3g

EAGER 200 Stripchart

Sample Ident: : 13 Indo-Gly-OH Filename :288313

Analysed : 07-14-14 09:53:05 Printed :07-14-2014 10:03:07



EAGER 200 Peak Integration Report

Instrument name : Instrument #1 Bline drift (fV):-3.4

Company Name : U of Florida Operator Ident. : KOU
Analysed : 07-14-14 09:53:05 Printed : 07-14-2014 10:03:08

Sample Ident. : 13 Indo-Gly-OH Filename : 288313

Sample Weight : 2.153 Calc.method: using 'K. Factors'

| | | Start (Sec) | | Ret Time (Sec) | Height (fV) | Area (fV*Sec) | Area % | Name |
|---|----|----------------|-----|-------------------|----------------|------------------|--------|----------|
| 1 | FU | 63 | 101 | 83 | 2205.5 | 31401 | 3.26 | Nitrogen |
| 2 | FU | 101 | 213 | 112 | 49823.9 | 772008 | 80.04 | Carbon |
| 3 | T | 288 | 597 | 309 | 3278.6 | 161074 | 16.70 | Hydrogen |
| 4 | CR | 481 | 492 | 484 | 1.2 | 12 | 0.00 | |

964496 100.00

EAGER 200 Unk Report

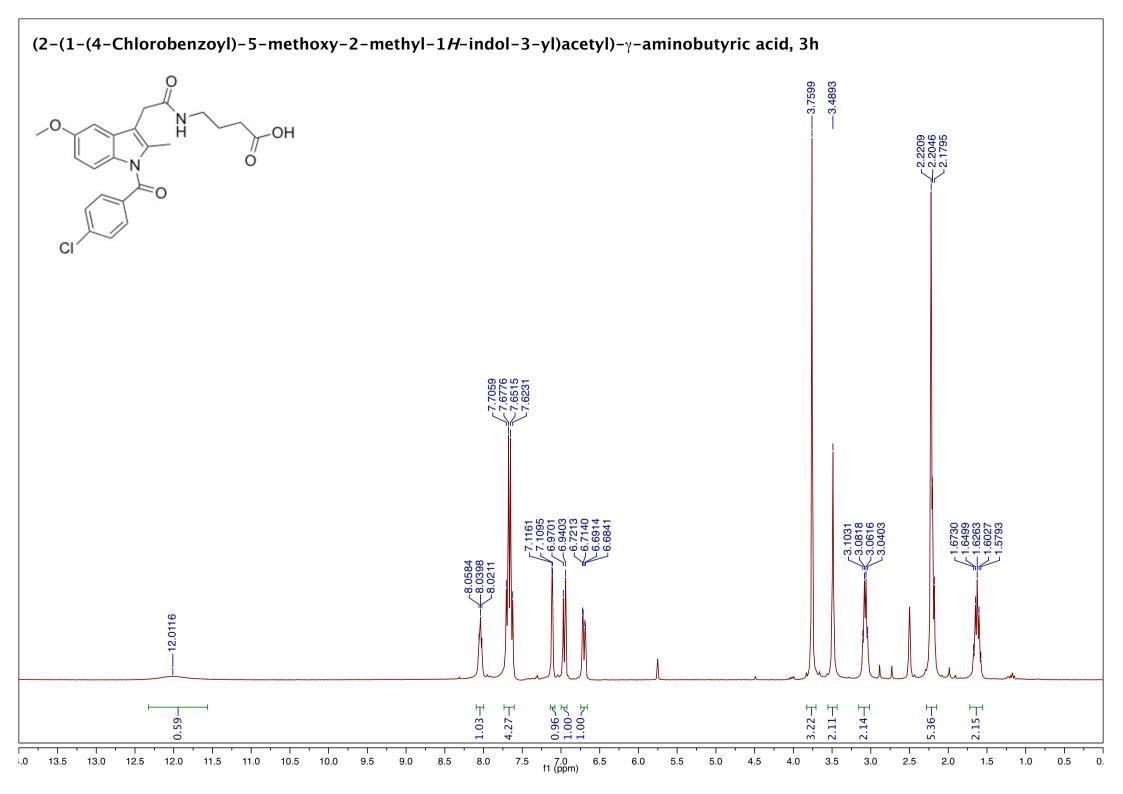
Instrument name : Instrument #1 Bline drift (fV):-3.4 Company Name : U of Florida Operator Ident. : KOU

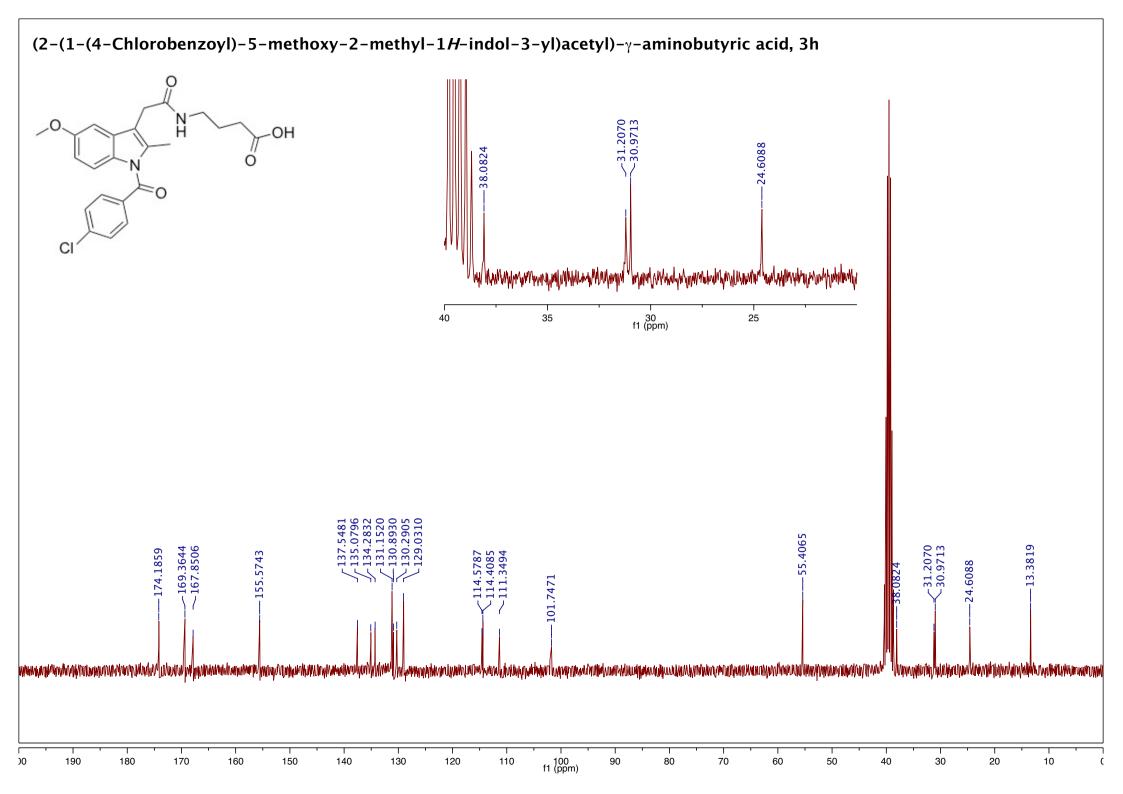
Analysed : 07-14-14 09:53:05 Printed : 07-14-2014 10:03:08

Sample Ident: : 13 Indo-Gly-OH Filename : 288313

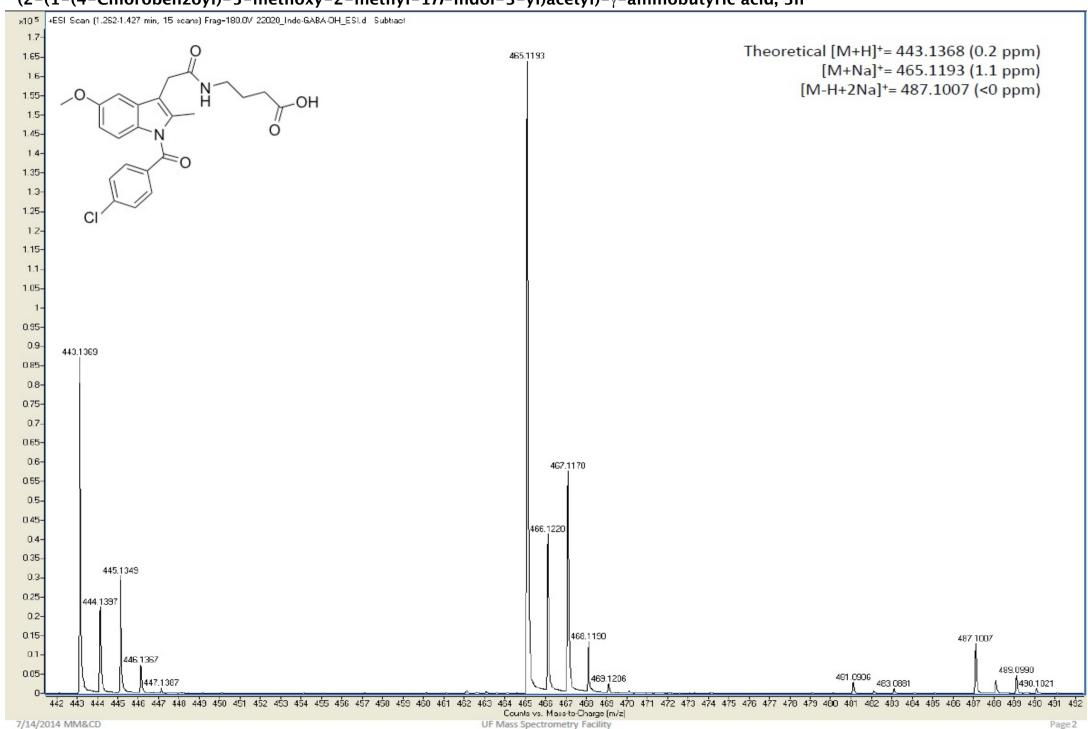
Sample Weight : 2.153 Calc.method: using 'K. Factors'

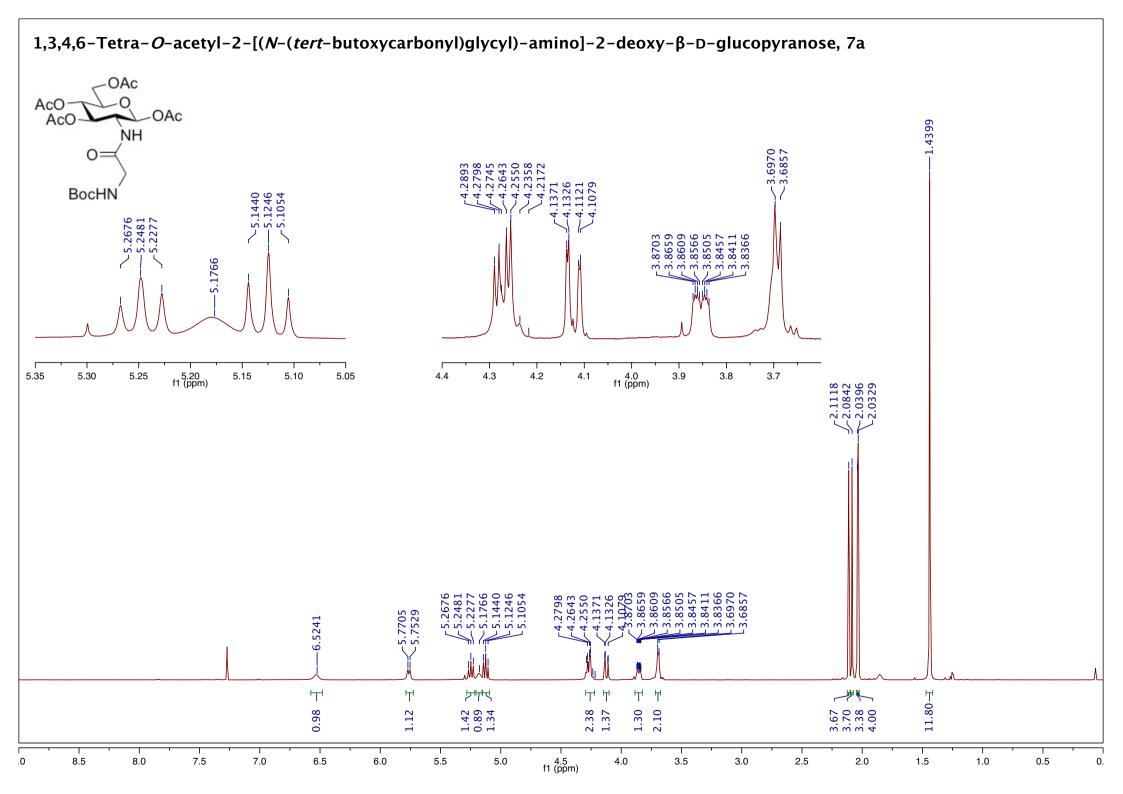
| Pk. | Ret Time | Area | Element % | Area Ratio | Name |
|-----|--|--|--|---|---|
| (#) | (Sec) | (fV*Sec) | (%) | | |
| 1 | 83 | 31401 | 6.954 | .245853E+02 | Nitrogen |
| 2 | 112 | 772008 | 60.594 | .100000E+01 | Carbon |
| 3 | 309 | 161074 | 4.510 | .479287E+01 | Hydrogen |
| - | Special Spiner wasper beyond booker would believe scaled | some some teach frage taken beaut teach teach some some took | Manual Ma | Making Nation States record (Miller School Special School | STORT THERE MIDNE SOURCE SOURCE SOURCE SOURCE SOURCE SOURCE SOURCE SOURCE |

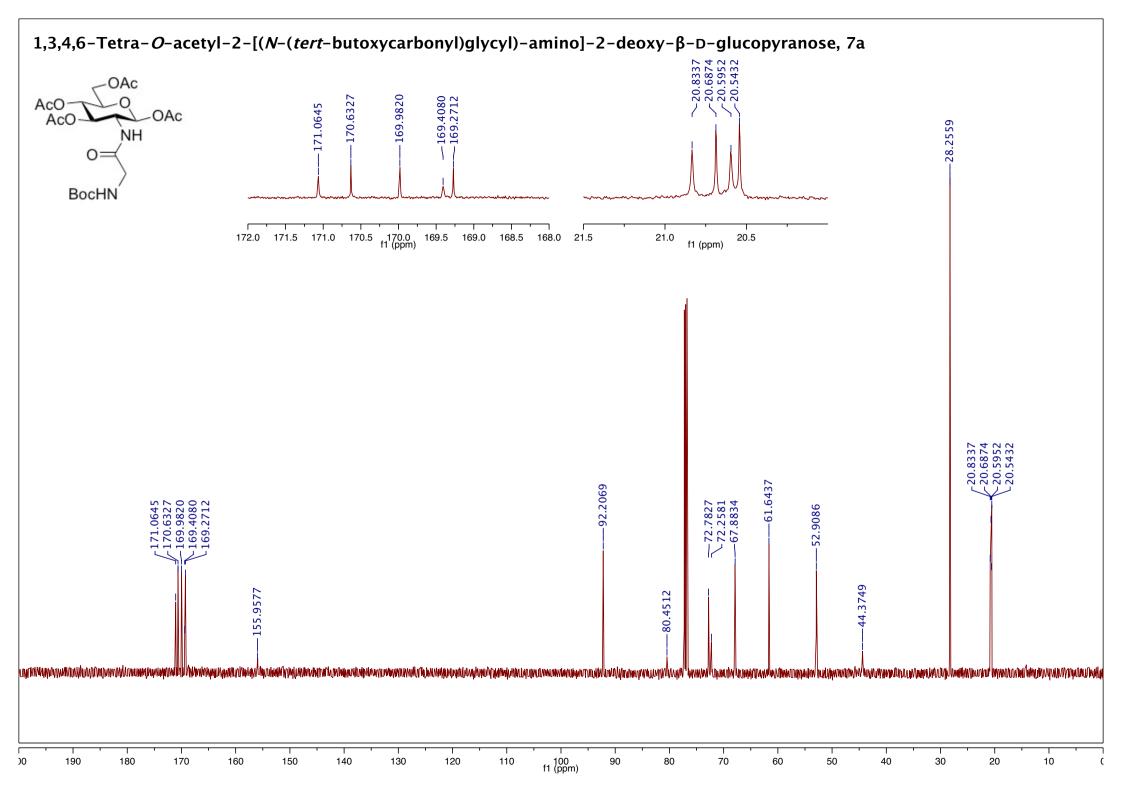




$(2-(1-(4-Chlorobenzoyl)-5-methoxy-2-methyl-1H-indol-3-yl)acetyl)-\gamma-aminobutyric acid, 3h$



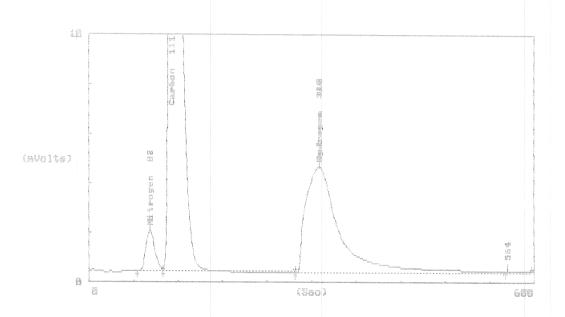




EAGER 200 Stringhart

Sample Ident. : 14 RaJ2159-20 Filename :285114

Analysed : 02-06-14 11:31:04 Printed :02-06-2014 11:41:07



EAGER 200 Peak Integration Report

Instrument name : Instrument #1 Bline drift (fV): 3.8
Company Name : U of Florida Operator Ident : KOU

Company Name : U of Florida Operator Ident. : KOU
Analysed : 02-06-14 11:31:04 Printed : 02-06-2014 11:41:07

Sample Ident. : 14 RaJ2159-20 Filename : 285114

Sample Weight : 2.142 Calc.method: using 'K. Factors'

No. Type Start End Ret Time Height Area % Area Name (#) (#)(Sec)(\$ec) (Sec) (fV)(fV*Sec) (%) FU 99 1624.6 2.58 Nitrogen 111 41268.1 618263 71.64 Carbon 597 310 4218.9 222466 25.78 Hydrogen CR 561 597 564 1.6

863048 100.00

EAGER 200 Unk Report

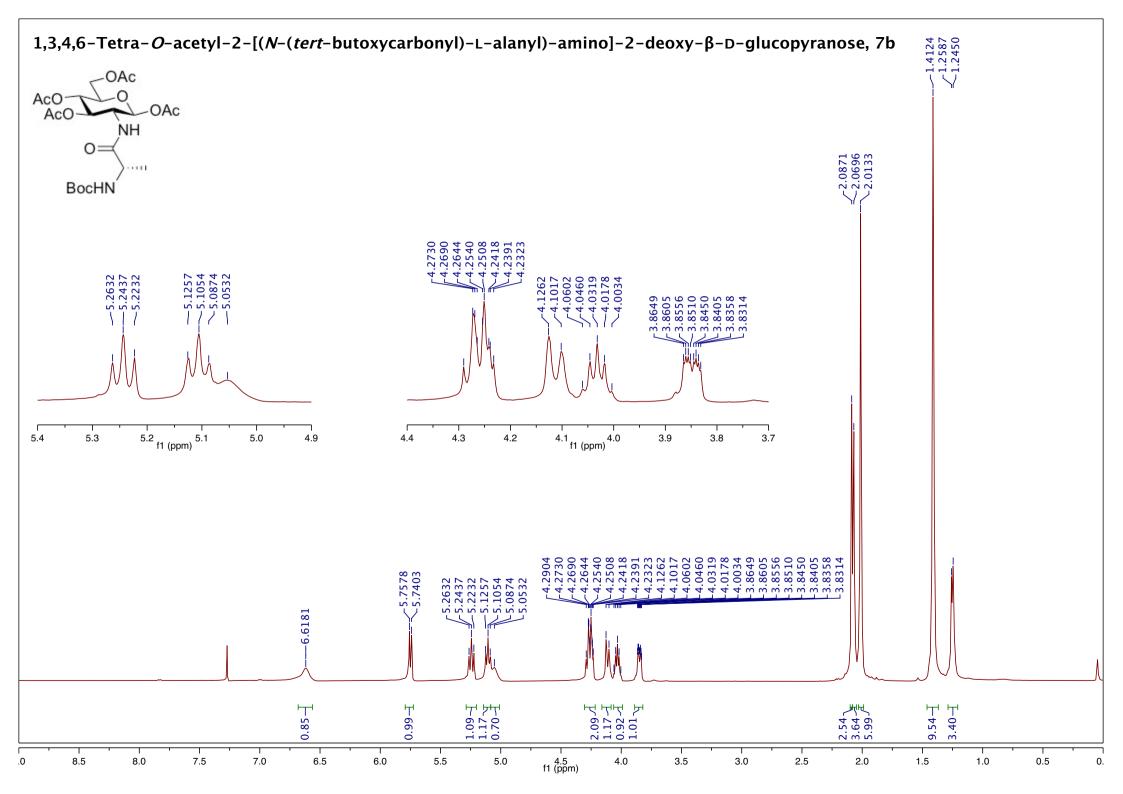
Instrument name : Instrument #1 Bline drift (fV): 3.8 Company Name : U of Florida Operator Ident. : KOU

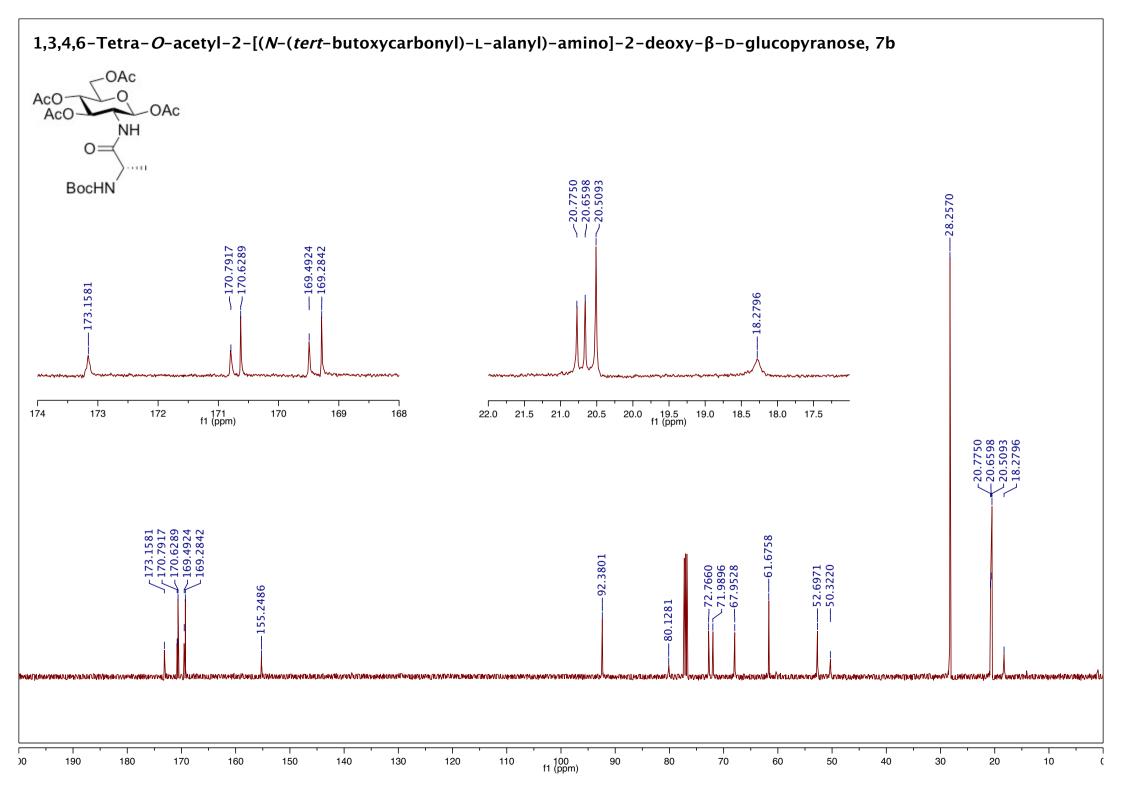
Analysed : 02-06-14 11:31:04 Printed : 02-06-2014 11:41:07

Sample Ident. : 14 RaJ2159-20 Filename : 285114

Sample Weight : 2.142 Calc.method: using 'K. Factors'

| | Ret Time (Sec) | Area (fV*Sec) | Element % | Area Ratio | Name |
|---|-------------------|------------------|-----------|-------------|----------|
| 1 | 82 | 22296 | 5 320 | .277292E+02 | Nitrogen |
| 2 | 111 | 618263 | 49.997 | .100000E+01 | Carbon |
| 3 | 310 | 222466 | 6.649 | .277914E+01 | Hydrogen |

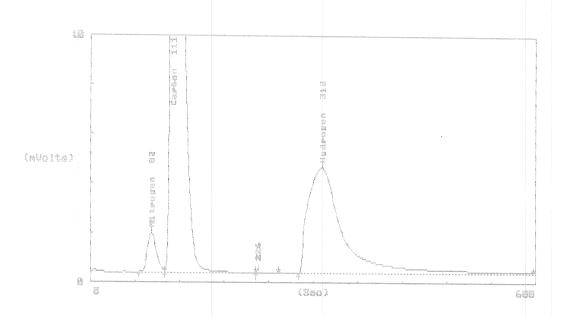




EAGER 200 Stripchart

Sample Ident. : 10 RaJ2159-22 Filename :285110

Analysed : 02-06-14 10:50:53 Printed :02-06-2014 11:00:56



EAGER 200 Peak Integration Report

Instrument name : Instrument #1 Bline drift (fV): 19.4 Company Name : U of Florida Operator Ident : KOU

Company Name : U of Florida Operator Ident. : KOU
Analysed : 02-06-14 10:50:53 Printed : 02-06-2014 11:00:56

Sample Ident. : 10 RaJ2159-22 Filename : 285110

Sample Weight : 2.139 Calc.method: using 'K. Factors'

| | | | | Ret Time (Sec) | Height (fV) | Area (fV*Sec) | Area % | Name |
|---|--------------------|--------------------------|---------------------------------|--|---|--|--------|----------|
| 1 | FU | 65 | 99 | 82 | 1568.8 | 21271 | 2.43 | Nitrogen |
| 2 | FU | 99 | 223 | 111 | 41984.5 | 627630 | 71.61 | Carbon |
| 3 | RS | 223 | 253 | 226 | 2.4 | 30 | 0.00 | |
| 4 | RS | 280 | 597 | 312 | 4207.0 | 227505 | 25.96 | Hydrogen |
| | MAN SOUR SOUR SHOP | None side one topic doug | Travel traffit taken where were | Mildle Melon Mildle Steems halve somen spayer spacer | SERVE SOUR MORE SHIPS STORY WHEN MAKE MAKE MAKE SHOW SHOW | NAME OF STREET AND ADDRESS OF THE PARTY AND ADDRESS OF THE PARTY ADDRESS | | |

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EAGER 200 Unk Report

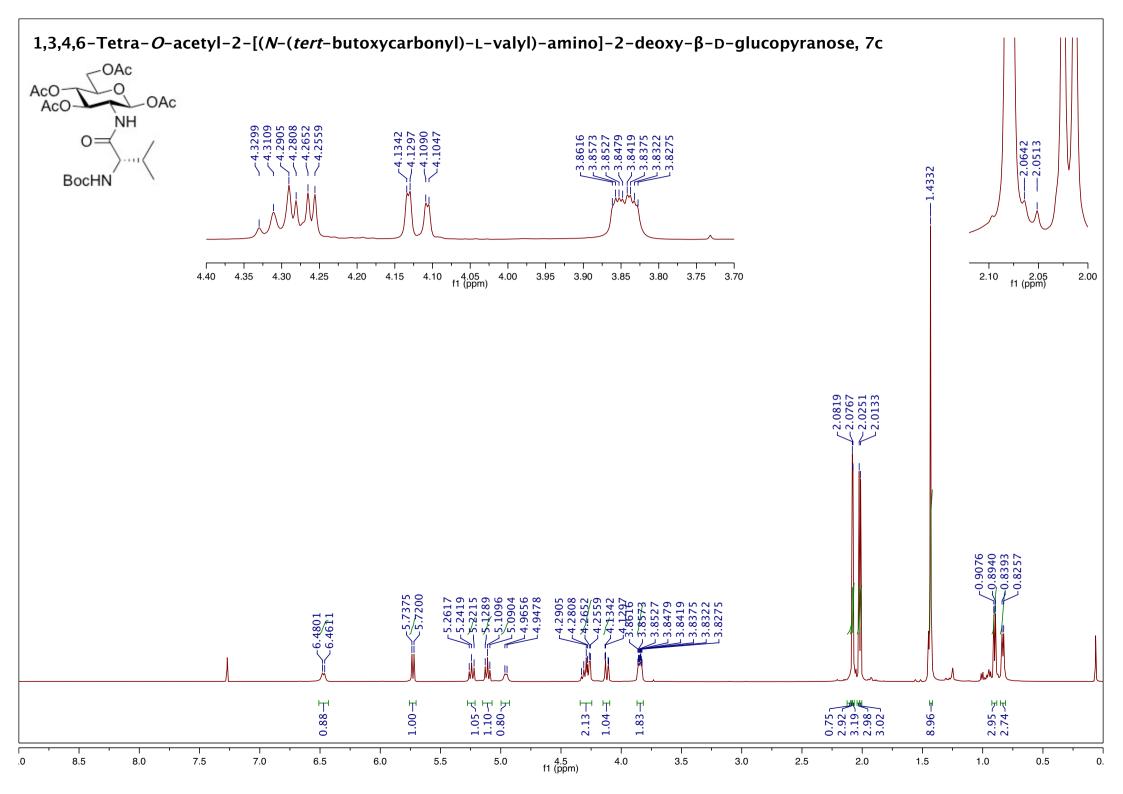
Instrument name : Instrument #1 Bline drift (fV): 19.4 Company Name : U of Florida Operator Ident. : KOU

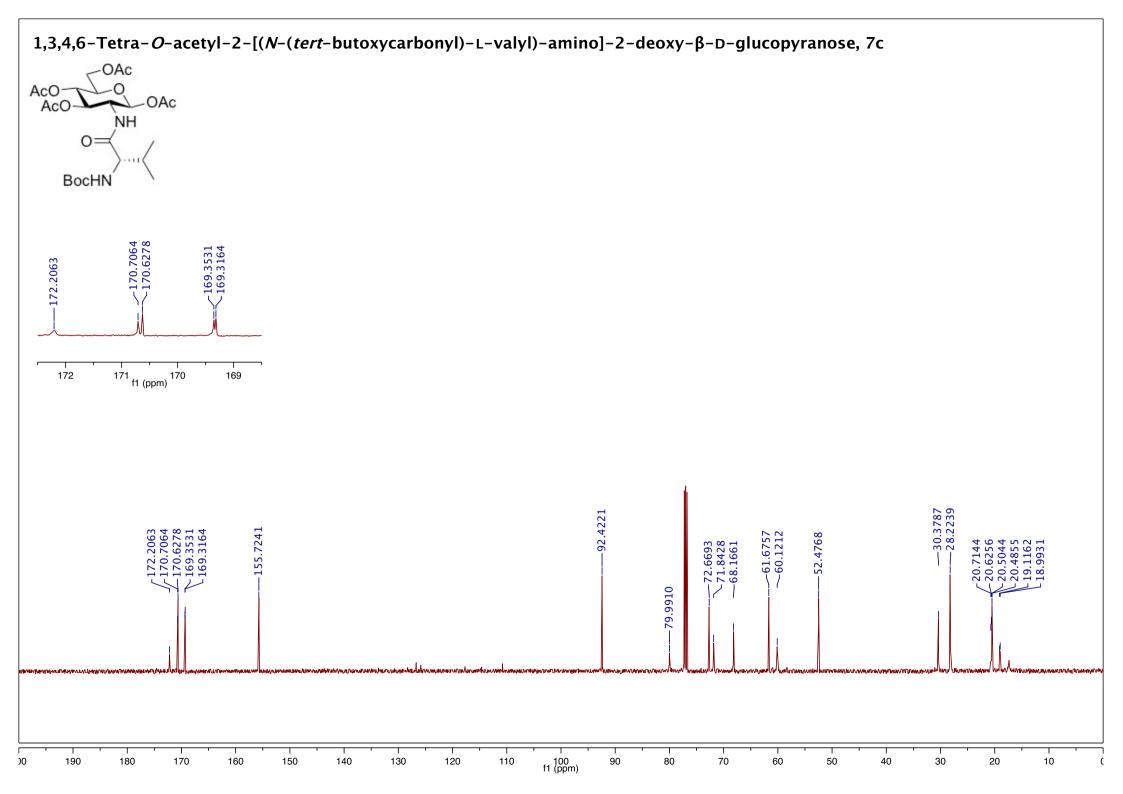
Analysed : 02-06-14 10:50:53 Printed : 02-06-2014 11:00:5

Sample Ident. : 10 RaJ2159-22 Filename : 285110

Sample Weight : 2.139 Calc.method: using 'K. Factors'

| | Ret Time (Sec) | Area (fV*Sec) | Element % | Area Ratio | Name |
|---|-------------------|------------------|-----------|-------------|----------|
| 1 | 82 | 21271 | 5,082 | .295059E+02 | Nitrogen |
| 2 | 111 | 627630 | 50,826 | .100000E+01 | Carbon |
| 4 | 312 | 227505 | 6.809 | .275875E+01 | Hydrogen |



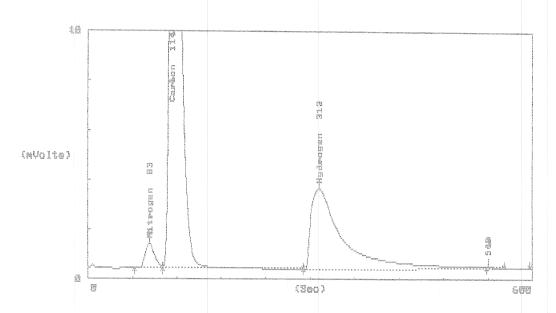


1,3,4,6-Tetra-O-acetyl-2-[(N-(tert-butoxycarbonyl)-L-valyl)-amino]-2-deoxy-β-D-glucopyranose, 7c

EAGER 200 Stripchart

Sample Ident. : 10 Boc-Val-GlcN Filename :288810

Analysed : 08-01-14 10:23:10 Printed :08-01-2014 12:19:34



EAGER 200 Peak Integration Report

Instrument name: Instrument #1 Bline drift (fV): 19.3 Company Name: U of Florida Operator Ident.: KOU

Analysed : 08-01-14 10:23:10 Printed : 08-01-2014 12:19:35

Sample Ident. : 10 Boc-Val-GlcN Filename : 288810

Sample Weight : 1.421 Calc.method: using 'K. Factors'

| No. (#) | | Start (Sec) | | Ret Time (Sec) | Height (fV) | Area (fV*Sec) | Area % | Name |
|--------------------|---------------------|--------------------------|------------------------------------|--|---|---|---------------------------|---|
| 1 | FU | 63 | 101 | 83 | 981.6 | 13927 | 2 . 22 | Nitrogen |
| 2 | FU | 101 | 291 | 114 | 30749.2 | 452300 | 71.95 | Carbon |
| 3 | TL | 291 | 597 | 312 | 3201.6 | 162403 | 25.83 | Hydrogen |
| 4 | CR | 538 | 562 | 540 | 2.5 | 31 | 0.00 | |
| move Notice source | 100E 190E 100E 100E | hand hade soon soon soon | server stoner stoner string string | titler treet street moon tone steen bleet moon | When higher sweet transic should whose should whose whose whose | Water Nobber traces from former former better brook species species species (\$650) | Soon was your man was man | THE THE NAME WHEN THE |

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EAGER 200 Unk Report

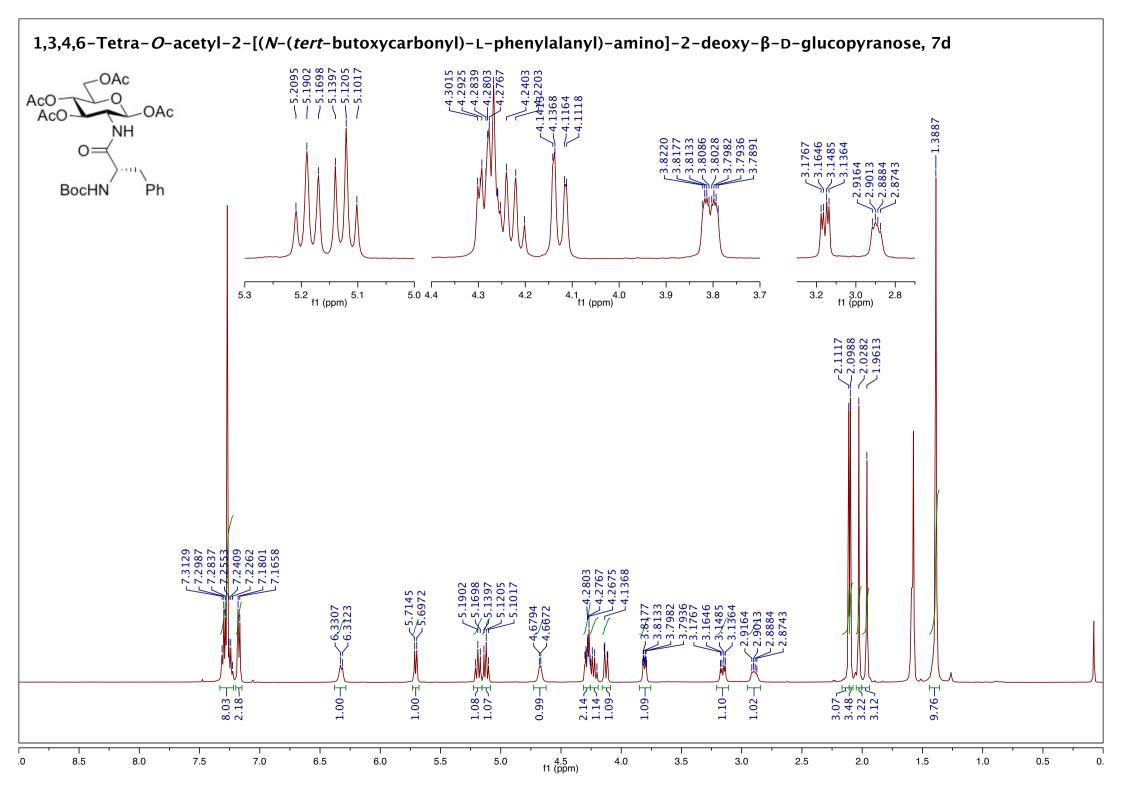
Instrument name : Instrument #1 Bline drift (fV): 19.3 Company Name : U of Florida Operator Ident. : KOU

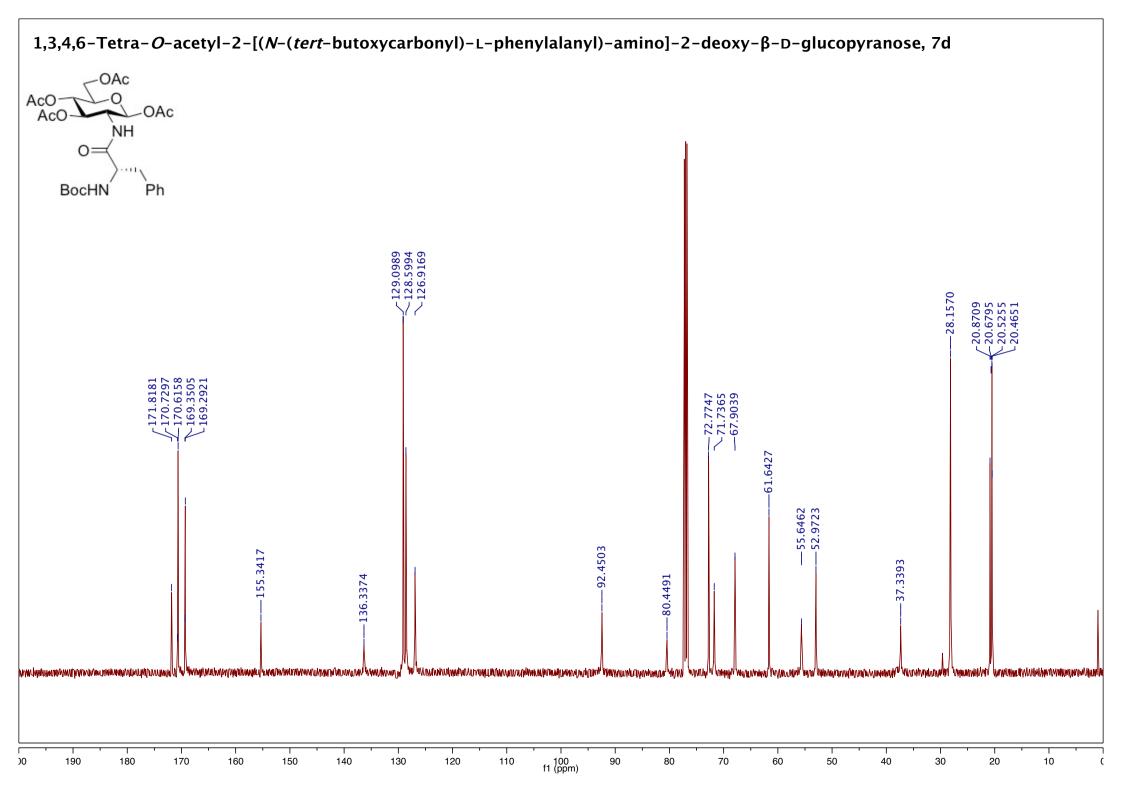
Analysed : 08-01-14 10:23:10 Printed : 08-01-2014 12:19:35

Sample Ident. : 10 Boc-Val-GlcN Filename : 288810

Sample Weight : 1.421 Calc.method: using 'K. Factors'

| (#) (Sec) (fV*Sec) (%) 1 83 13927 4.649 .324768E+02 Nitrogen 2 114 452300 53.031 .100000E+01 Carbon | Pk. | Ret Time | Area | Element % | Area Ratio | Name |
|---|-----|----------|----------|-----------|-------------|----------|
| | (#) | (Sec) | (fV*Sec) | (%) | | |
| 2 114 452300 53.031 .100000E+01 Carbon | 1 | 83 | 13927 | 4.649 | .324768E+02 | Nitrogen |
| | 2. | 114 | 452300 | 53.031 | .100000E+01 | Carbon |
| 3 312 162403 6.798 .278505E+01 Hydrogen | 3 | 312 | 162403 | 6.798 | .278505E+01 | Hydrogen |

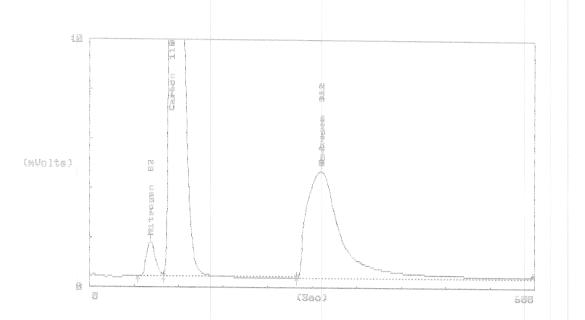




Fire the Call Fire Last 200 5tripahart

Sample Ident. : 15 RaJ2159-25 Filename :285115

Analysed : 02-06-14 11:41:07 Printed :02-06-2014 11:51:10



The party of the second House of the first F- 455 455 FC Integration Report

Instrument name : Instrument #1 Company Name : U of Florida

: 02-06-14 11:41:07

Analysed

Sample Ident. : 15 RaJ2159-25

Sample Weight : 2.181

Bline drift (fV): 2.5 Operator Ident, : KOU

Printed : 02-06-2014 11:51:10

Filename : 285115

Calc.method: using 'K. Factors'

| | | | | Ret Time (Sec) | Height (fV) | Area (fV*Sec) | Area % | Name |
|--------------------|---------------------------------|----------------------------------|-------------------------------|---|--|--|--|---|
| 1 | FU | 65 | 99 | 82 | 1430.7 | 19348 | 2.01 | Nitrogen |
| 2 | FU | 99 | 279 | 110 | 47432.4 | 711309 | 73.91 | Carbon |
| 3 | RS | 279 | 598 | 312 | 4296.9 | 231798 | 24.08 | Hydrogen |
| total land hypothe | physical amount obtains and the | When Shirter shirt arguest money | north health teach being some | Apple appear parties where objects only consecutivities. In | the table stage more state many water more solver signer | Special change product and a contract contract change contract contract change product | rappy passes participations contain andiffic | AND AND DESIGNATION AND STATES AND AND STATES AND ADDRESS AND AND ADDRESS AND |

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EAGER 200 Unk Report

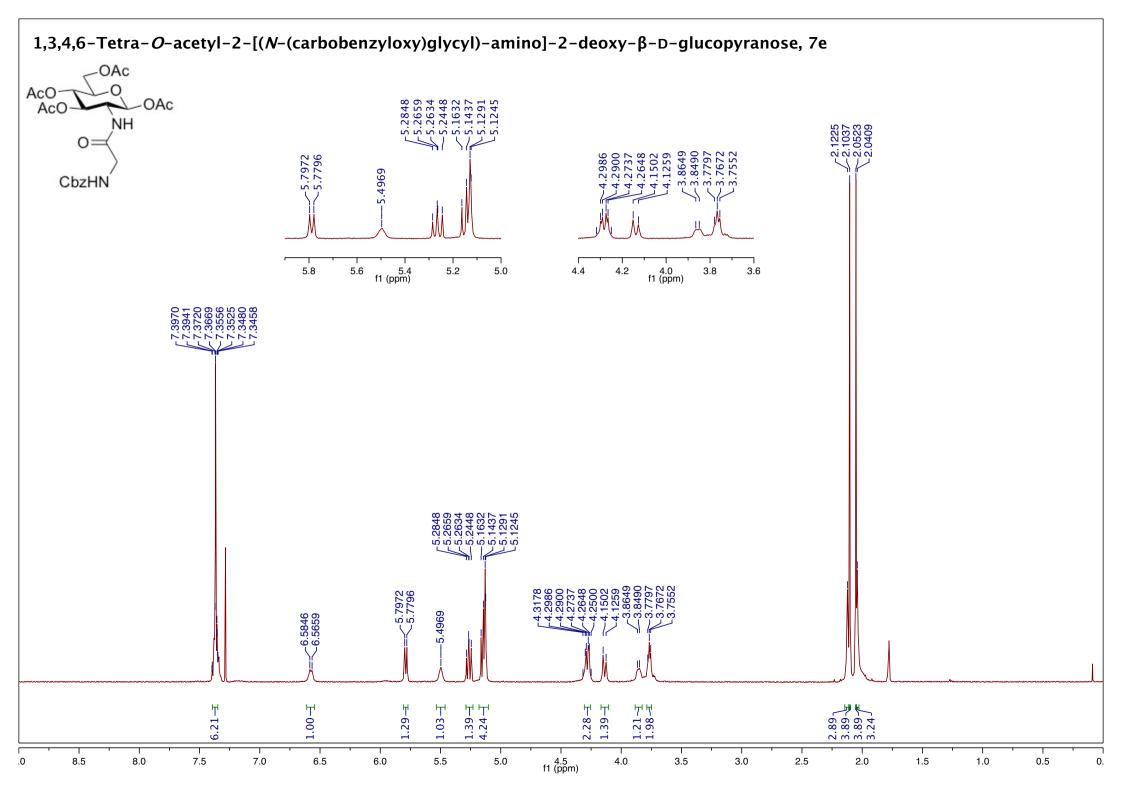
Instrument name : Instrument #1 Bline drift (fV): 2.5 Company Name : U of Florida Operator Ident. : KOU

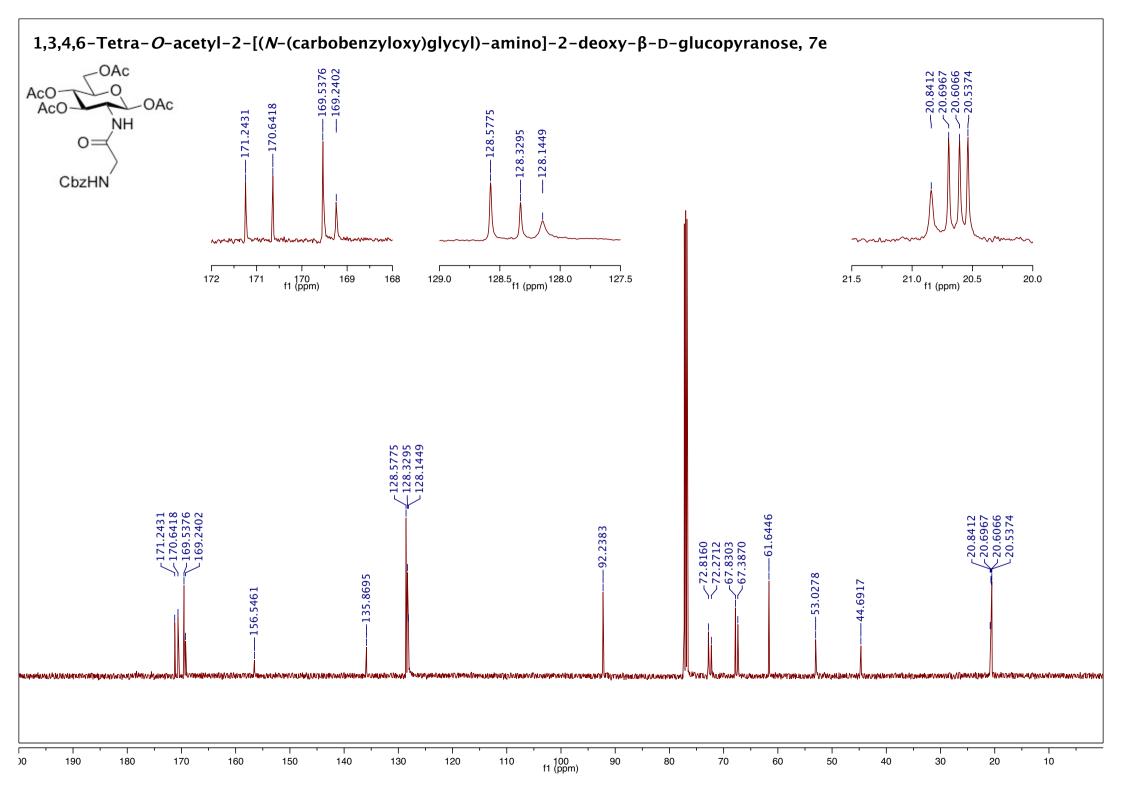
Analysed : 02-06-14 11:41:07 Printed : 02-06-2014 11:51:10

Sample Ident. Filename : 285115

: 15 RaJ2159-25 : 2.181 Sample Weight Calc method: using 'K. Factors'

| PK. | Ret Time | Area | Element % | Area Ratio | Name |
|-----|---|--|---|---|----------|
| (#) | (Sec) | (fV*Sec) | (%) | | |
| 1 | 82 | 19348 | 4.533 | .367633E+02 | Nitrogen |
| 2 | 110 | 711309 | 56.493 | .100000E+01 | Carbon |
| 3 | 312 | 231798 | 6.804 | .306866E+01 | Hydrogen |
| | the state of the same space and the same space. | tions there been built happy where made water page topic water | STATE TOWN THAT SOME MANY WATER SANGE SANGE SANGE WATER WATER SANGE | MINET START MONTH PROPER STATES TOTAL START START START START START | |





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Sample Ident.

: 13 RaJ2159-30

Analysed : 02-06-14 11:21:01 Filename

:285113

Printed :02-06-2014 11:31:04

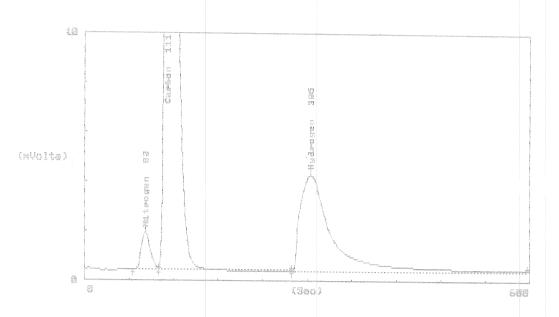


Fig. Lyd Cili Fine Lud 115 mm; 1 (100) Integration Report

Instrument name : Instrument #1

Bline drift (fV):-.7

Company Name : U of Florida Analysed

Operator Ident. : KOU

Sample Ident.

: 02-06-14 11:21:01

Printed : 02-06-2014 11:31:04

: 13 RaJ2159-30

Filename : 285113

Sample Weight : 2.103

Cald method: using 'K. Factors'

| | | Start (Sec) | | Ret Time (Sec) | Height (fV) | Area (fV*Sec) | Area % | Name |
|----------------|----------------------------|----------------|--------------------------|--|--|--|------------------------------|---|
| | Fil | ~~~ | 99 | 82 | 1503.9 | 20518 | 2.39 | Nitrogen |
| | FU | 99 | 279 | 111 | 43137.8 | 649341 | 75.56 | Carbon |
| 3 | RS | 279 | 597 | 305 | 3863.0 | 189560 | 22.06 | Hydrogen |
| WOOD WOOD WOOD | WATER STREET STREET STREET | | The high same ways sugar | county attention regulates, entylens, controlle, accounts, and entirely, addition, and | the state were written and second states toward second states. | Miller Haller States makes compar money sounce basing apone sample support | TOO TOOK BOOK SHOW SHOW SHOW | or were been some and were until refer topic was your man |

859419 100.00

200 Unk Report E Call E

Instrument name : Instrument #1

Bline drift (fV):-.7

Company Name : U of Florida Analysed

Operator Ident. : KOU

: 02-06-14 11:21:01

Printed : 02-06-2014 11:31:04

Sample Ident.

: 13 RaJ2159-30

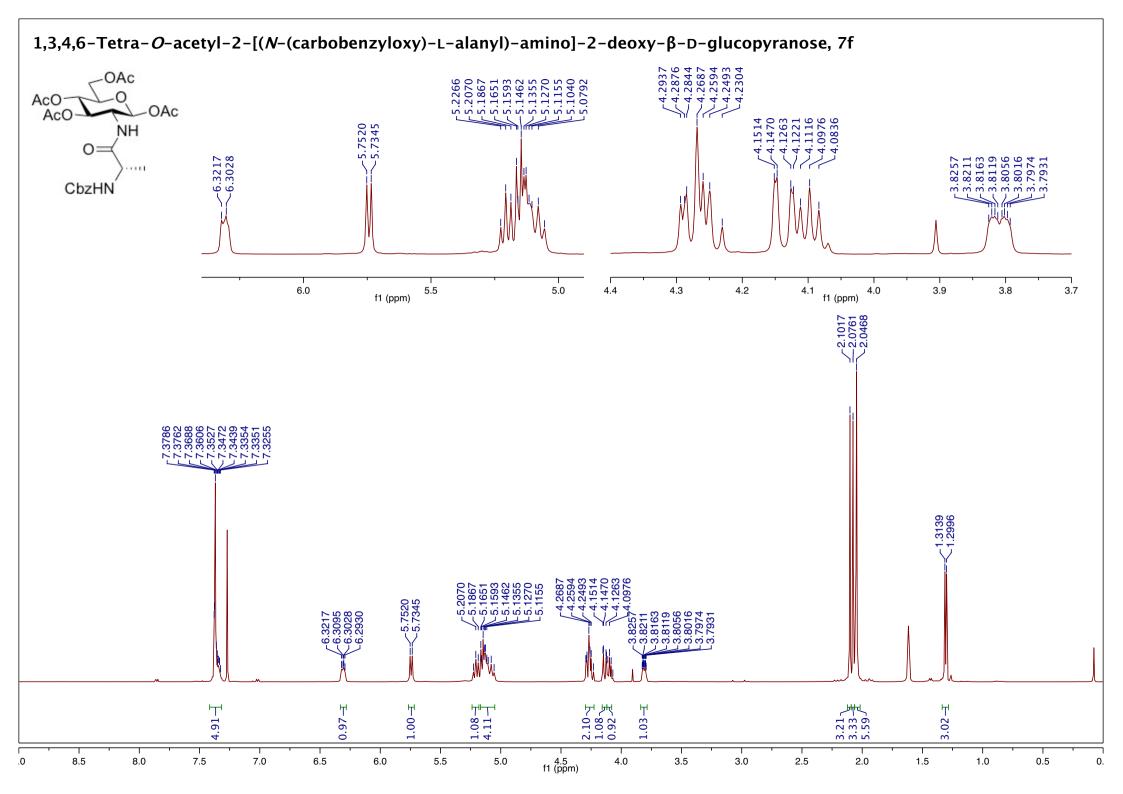
Filename

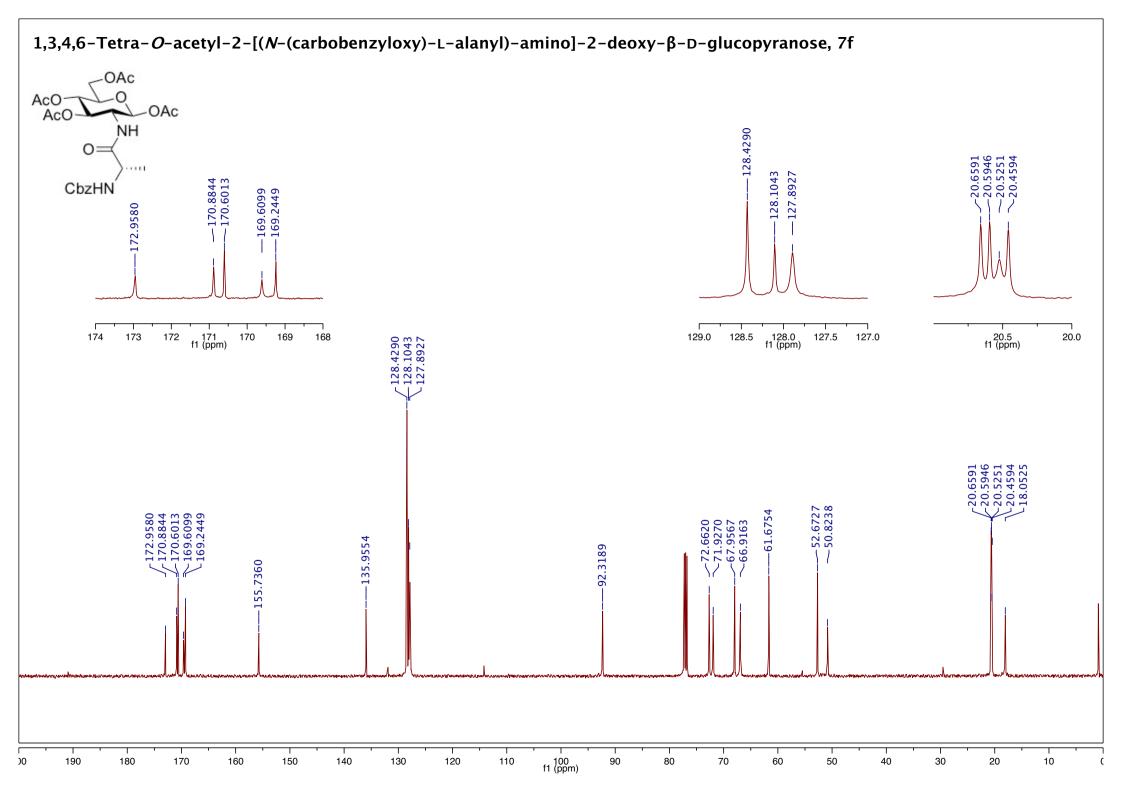
: 285113

Sample Weight : 2.103

Calc.method: using 'K. Factors'

| | Ret Time (Sec) | Area (<i>f</i> V*Sec) | Element % | Area Ratio | Name |
|----------------------|---------------------------------------|---|--|---|----------|
| 1 | 82 | 20518 | 4 986 | .316470E+02 | Nitrogen |
| 2 | 111 | 649341 | 53 484 | .100000E+01 | Carbon |
| 3 | 305 | 189560 | 5.770 | .342552E+01 | Hydrogen |
| Market Market Market | 2001 2001 Non-Sent May Man skyr supp. | THE SAME WAS INSTEAD OF THE PARTY THAT ARE SAME WAS ASSETTED. | The state of the s | NOW THE THE STATE | |

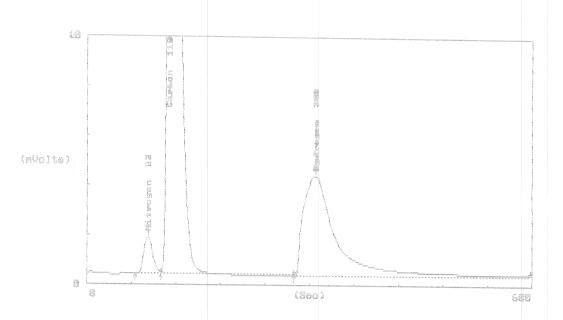




EAGER 200 Stripshart

Sample Ident: 12 RaJ2159-32 Filename :285112

Analysed : 02-06-14 11:10:58 Printed :02-06-2014 11:21:01



EAGER 200 Peak Integration Report

Instrument name : Instrument #1 Bline drift (fV):-.8
Company Name : U of Florida Operator Ident. : KOU

Analysed : 02-06-14 11:10:58 Printed : 02-06-2014 11:21:01

Sample Ident. : 12 RaJ2159-32 Filename : 285112

Sample Weight : 2.116 Calc.method: using 'K. Factors'

| | | | End (Sec) | Ret Time (Sec) | Height (fV) | Area (fV*Sec) | Area % | Name |
|--------|----------|----------|--------------|-------------------|-------------------|--|-----------------------------------|--|
| 1 2 | FU FU | 65 99 | 99 279 | 82 110 | 1478.1 44612.7 | 20016 665319 | 2.25 | Nitrogen Carbon |
| 3 | RS | 279 | 598 | 308 | 3984.3 | 202724 | F 10 > 1000 | Hydrogen |
| | | | | | | The same and the same and the same and | THE THE SERVICE SHEET SHEET SHEET | the course between the contract and and and the state and all the state and a section of the state and the state a |

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EASER 200 UNK Report

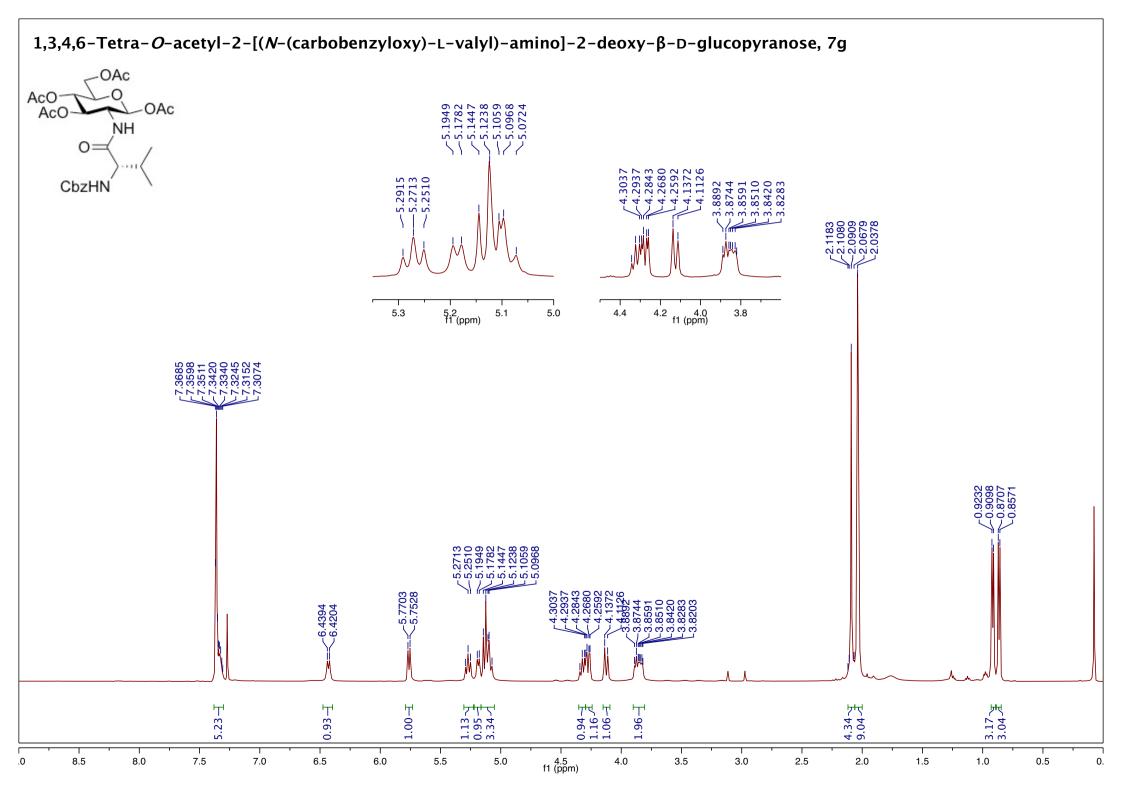
Instrument name : Instrument #1 Bline drift (fV):-.8
Company Name : U of Florida Operator Ident. : KOU

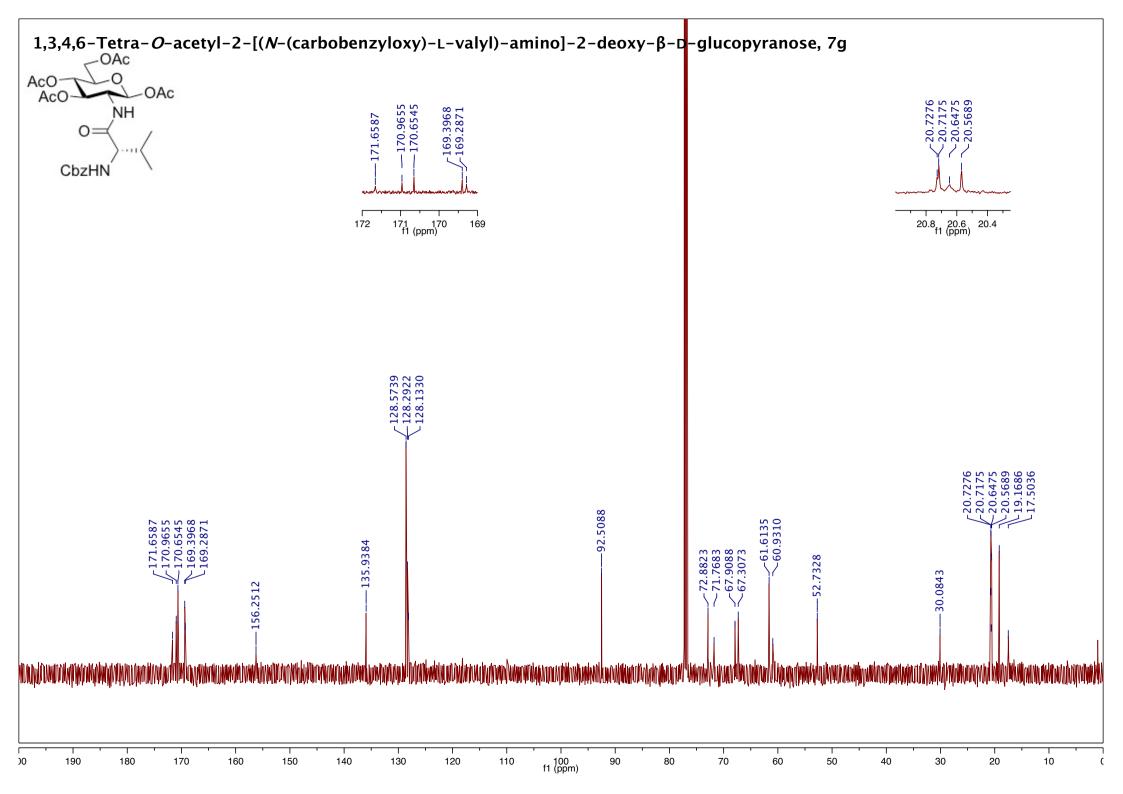
Analysed : 02-06-14 11:10:58 Printed : 02-06-2014 11:21:01

Sample Ident. : 12 RaJ2159-32 Filename : 285112

Sample Weight : 2.116 Calc.method: using 'K. Factors'

| Pk. (#) | Ret Time (Sec) | Area (fV*Sec) | Element % | Area Ratio | Name |
|---------------------|---|---------------------------------------|--------------------------|---|--------------------------------|
| 1 2 3 | 82 110 308 | 20016 665319 202724 | 4 834 54 464 6 133 | .332391E+02 .100000E+01 .328190E+01 | Nitrogen Carbon Hydrogen |
| inter telesconessor | MANY MANY MINE WAYN 1950 MINE MANY MANY | west was not not too the same and too | | | A section of the section |

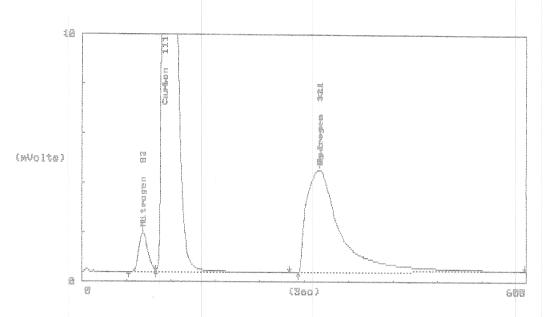




EAGER 200 Stripchart

Sample Ident. : 10 CRg-Val-Glc Filename :288510

Analysed : 07-29-14 09:59:17 Printed :07-29-2014 14:42:41



Peak Integration Report E M CIEFF

Instrument name : Instrument #1 Bline drift (fV): 57 Company Name : U of Florida

Operator Ident. : KOU Analysed : 07-29-14 09:59:17 Printed : 07-29-2014 14:42:41

Sample Ident. : 10 CRg-Val-Glc Filename : 288510

Sample Weight : 2.221 Cald method: using 'K. Factors'

| | | Start (Sec) | | Ret Time (Sec) | Height (fV) | Area (fV*Sec) | Area % | Name |
|---|----|----------------|-----|-------------------|----------------|------------------|--------|----------|
| 1 | FU | 63 | 100 | 82 | 1567.8 | 21165 | 2.16 | Nitrogen |
| 2 | FU | 100 | 280 | 111 | 49212.0 | 735802 | 74.96 | Carbon |
| 3 | RS | 292 | 598 | 321 | 4083.1 | 224678 | 22.89 | Hydrogen |

981645 100.00

EAGER 200 Unk Report

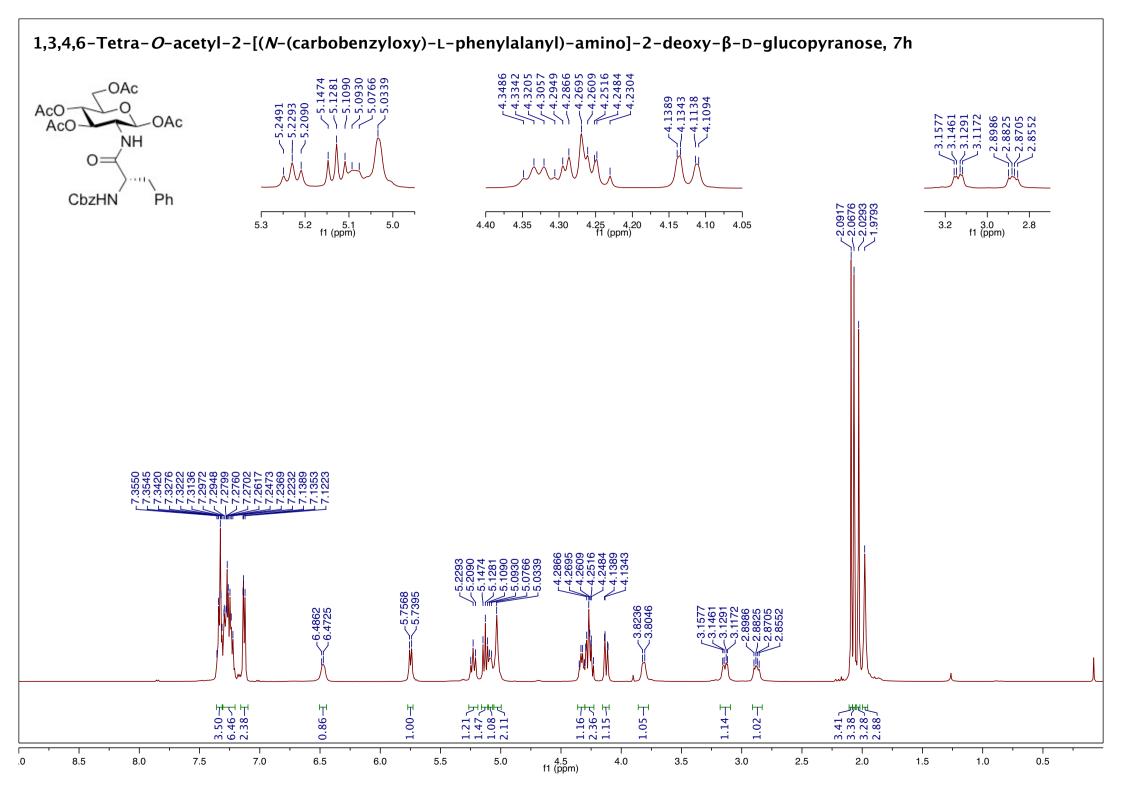
Instrument name : Instrument #1 Bline drift (fV): 57 Company Name : U of Florida Operator Ident. : KOU

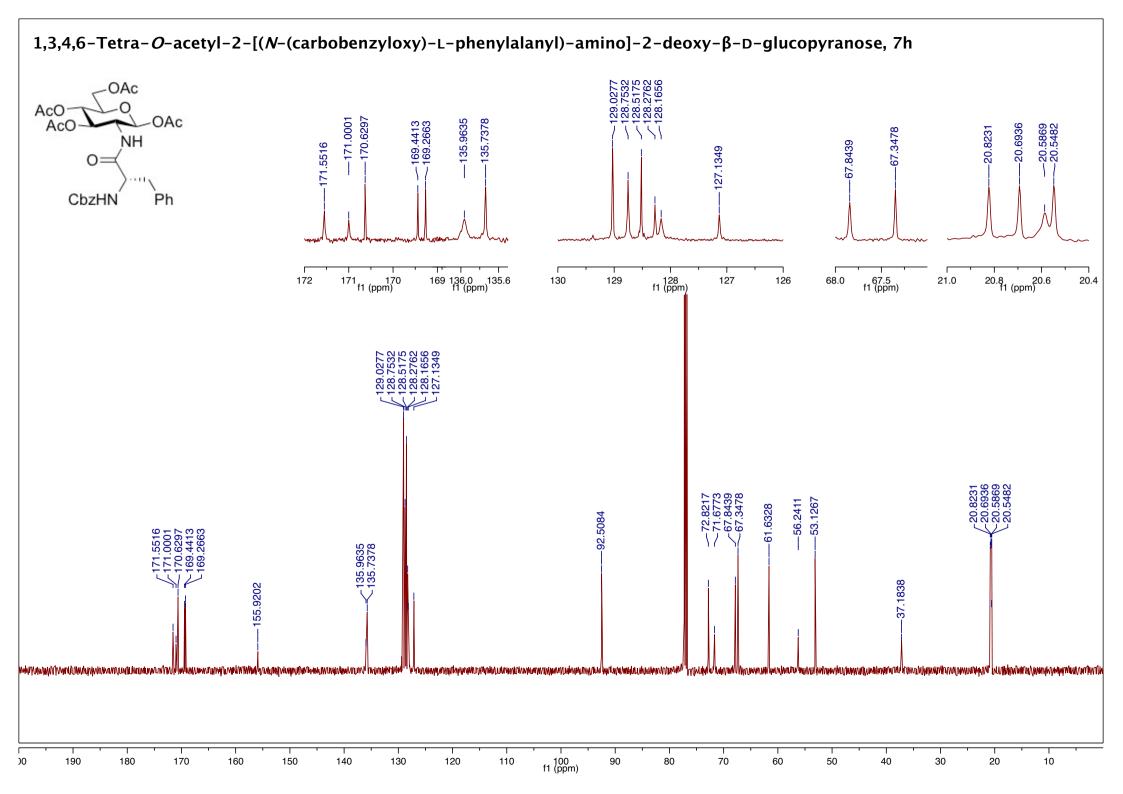
Analysed : 07-29-14 09:59:17 Printed : 07-29-2014 14:42:42

Filename : 288510

Sample Ident. : 10 CRg-Val-Glc Sample Weight : 2.221 Calc method: using 'K. Factors'

| Pk. | Ret Time | Area | Element % | Area Ratio | Name |
|-----|----------|----------|-----------|-------------|----------|
| (#) | (Sec) | (fV*Sec) | (%) | | |
| 1 | 82 | 21165 | 4.491 | .347651E+02 | Nitrogen |
| 2 | 111 | 735802 | 55.613 | .100000E+01 | Carbon |
| 3 | 321 | 224678 | 6.043 | .327491E+01 | Hydrogen |
| | | | | | |





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Sample Ident. : 13 T34-77

Filename

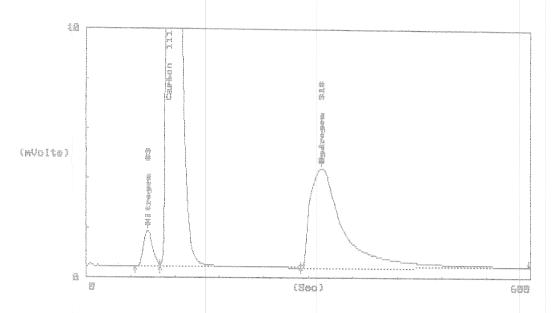
:288713

Analysed

: 07-31-14 09:36:11

Printed

:07-31-2014 09:46:13



EAGER 200 Peak Integration Report

Instrument name : Instrument #1

Bline drift (fV):-3.7

Company Name : U of Florida Analysed

: 07-31-14 09:36:11

Operator Ident. : KOU

Sample Ident.

Printed : 07-31-2014 09:46:14

Filename : 288713

Sample Weight

: 13 T34-77 : 2.17

Calc.method: using 'K. Factors'

| | | Start (Sec) | | Ret Time (Sec) | Height (fV) | Area (fV*Sec) | Area % | Name |
|---|----|-----------------------------------|---------------------------|---|--|--|-------------------------------|--|
| 1 | FU | 66 | 100 | 83 | 1442.2 | 19650 | 1.97 | Nitrogen |
| 2 | FU | 100 | 290 | 111 | 51255.5 | 769455 | 76.97 | Carbon |
| 3 | RS | 290 | 598 | 318 | 3956.6 | 210604 | 21.07 | Hydrogen |
| | - | today transportation forms again. | more than their tion soon | rester better bester bester bester bester bester bester | NAME AND ADDRESS AND ADDRESS OF THE PARTY OF THE PARTY OF THE ADDRESS OF THE ADDR | trees tower solver tower books books solver solver black before books solver | 2010 MARK MINE WARE MARK MAKE | TOTAL WORLD STORY TOTAL MODER SHARE WHEN THE WARRY TOTAL MODER STORY |

999709 100.00

EASER 200 Unk Report

Instrument name : Instrument #1

Bline drift (fV):-3.7 Operator Ident. : KOU

Company Name : U of Florida Analysed

: 07-31-14 09:36:11

Printed : 07-31-2014

Sample Ident.

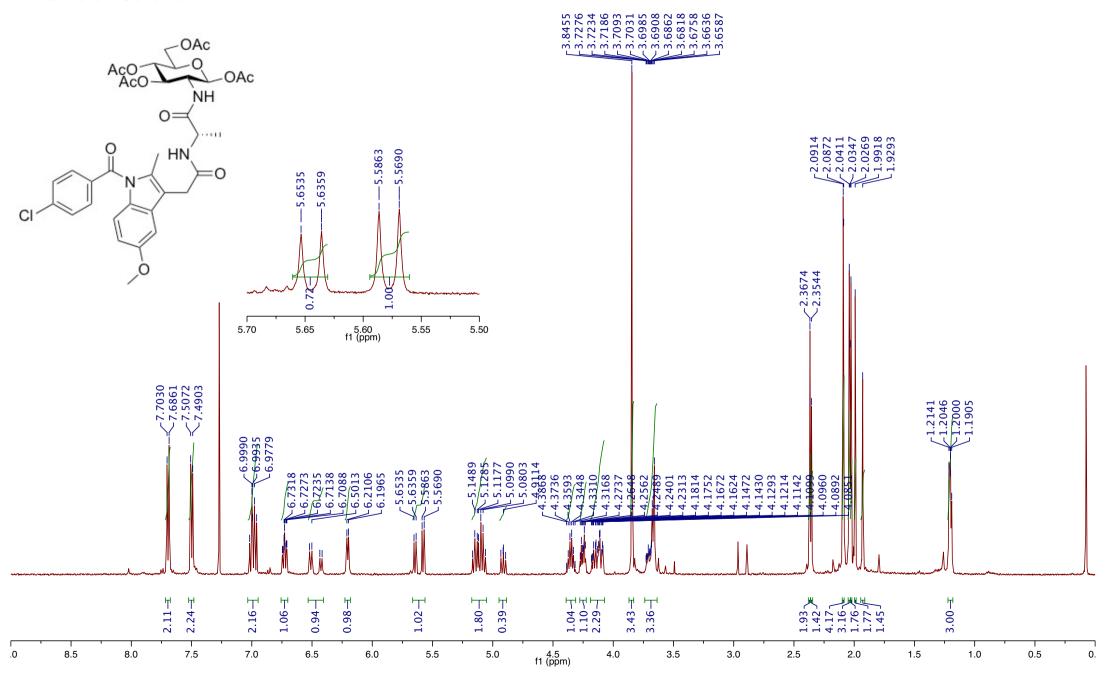
: 13 T34-77

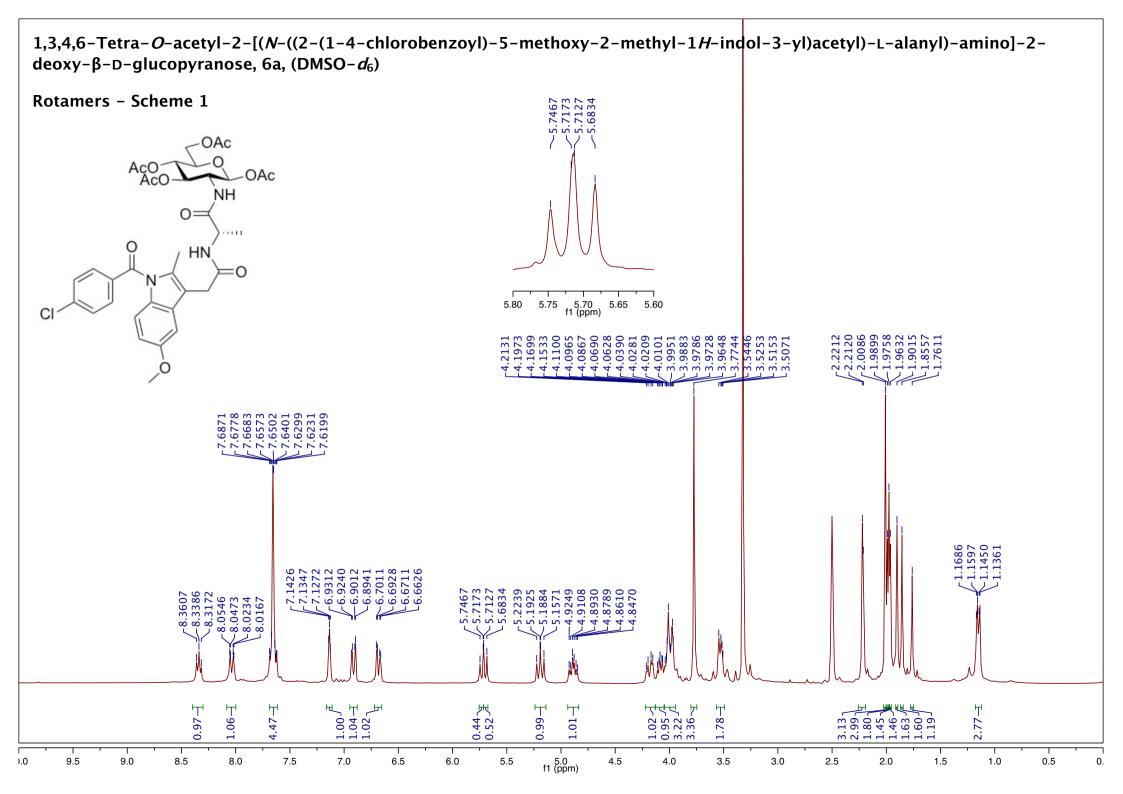
Filename : 288713

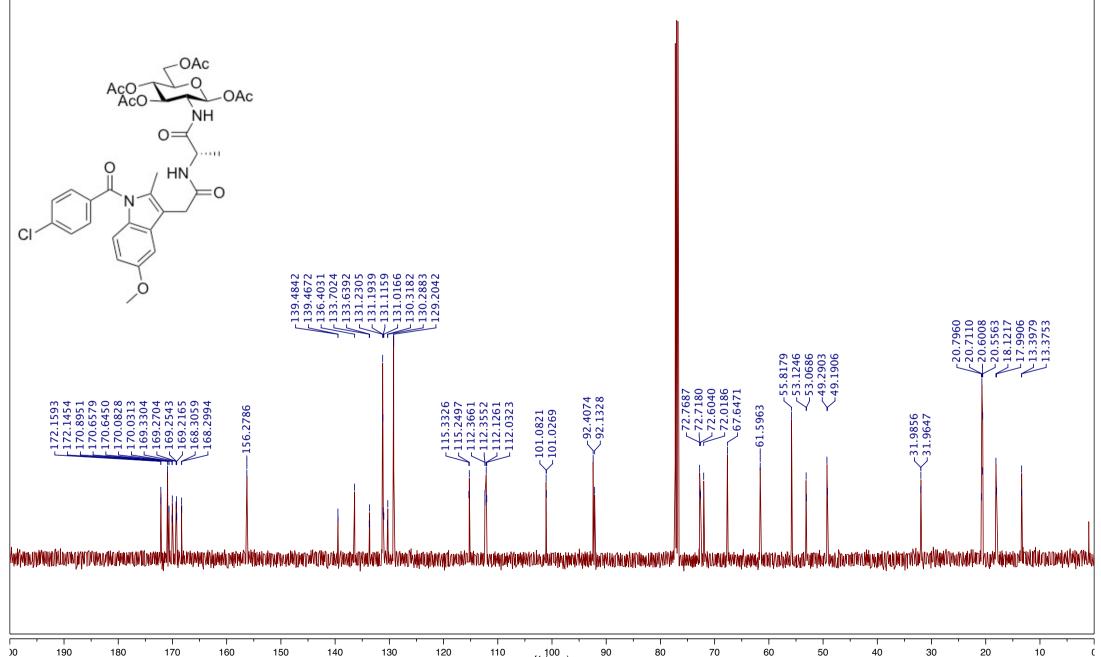
Sample Weight : 2.17 Calc.method: using 'K. Factors'

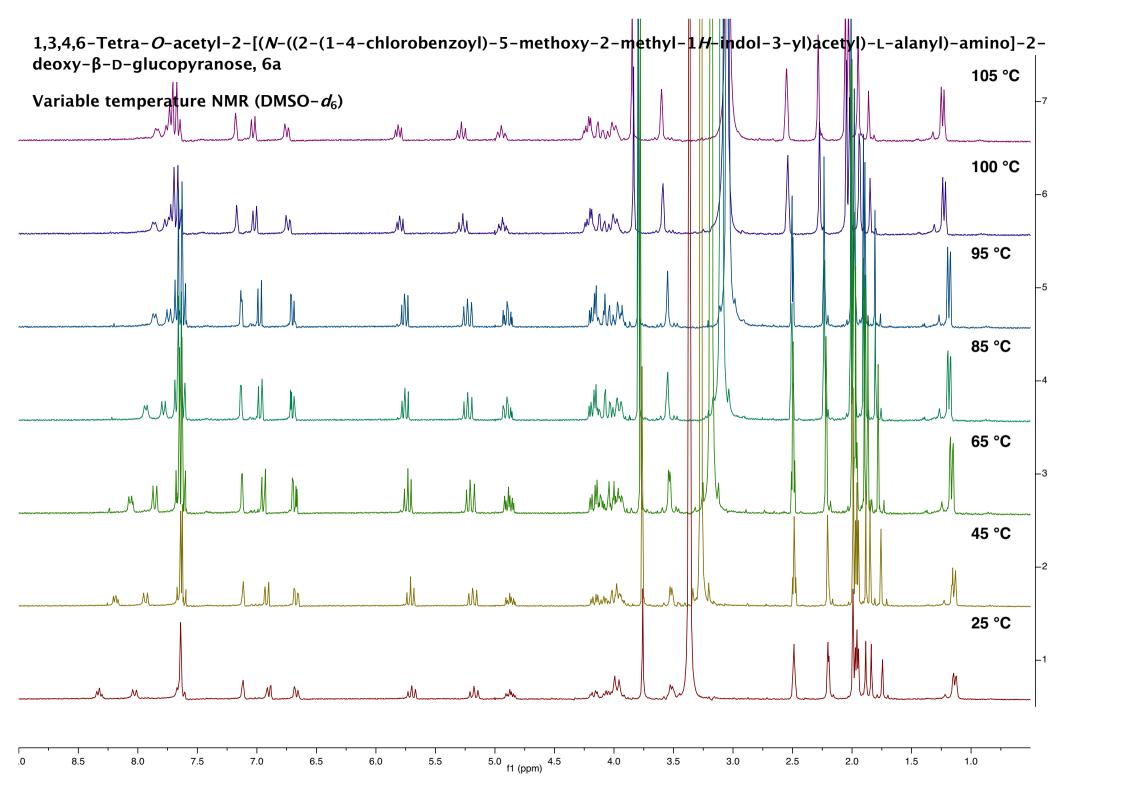
| Pk. | Ret Time | Area | Element % | Area Ratio | Name |
|----------------|---|---|---|--|---|
| (#) | (Sec) | (fV*Sec) | (%) | | |
| 1 | 83 | 19650 | 4.299 | .391588E+02 | Nitrogen |
| 2 | 111 | 769455 | 59.469 | .100000E+01 | Carbon |
| 3 | 318 | 210604 | 5.803 | .365356E+01 | Hydrogen |
| 1000 1000 1000 | torny hardy voter house taken black seems seems | Territor Science Section Science Section Science Section Spaces Spaces Supple | THE THE WAS NOT THE WAS NOT THE WAS THE WAS NOT THE | STATE SHARE SHARE NAME NAME NAME NAME NAME NAME NAME NAM | TOW NAME THAT THE WAY NAME NAME NAME NAME NAME NAME |

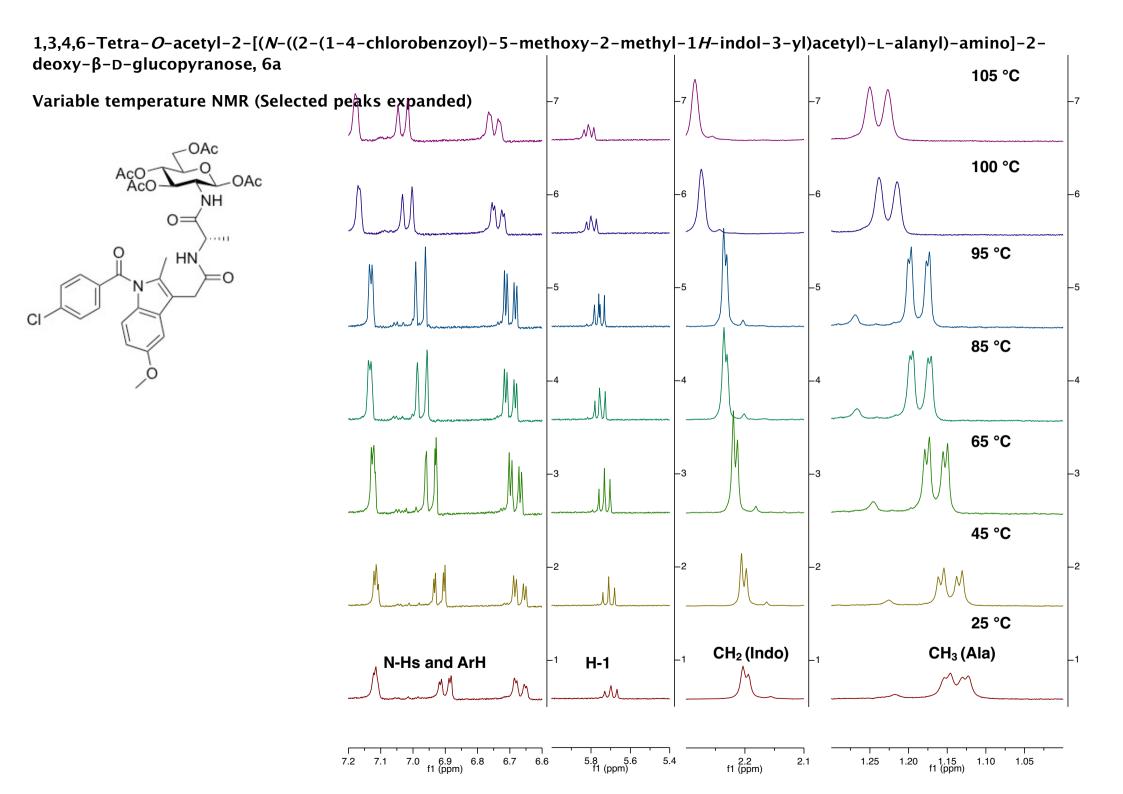
Rotamers - Scheme 1

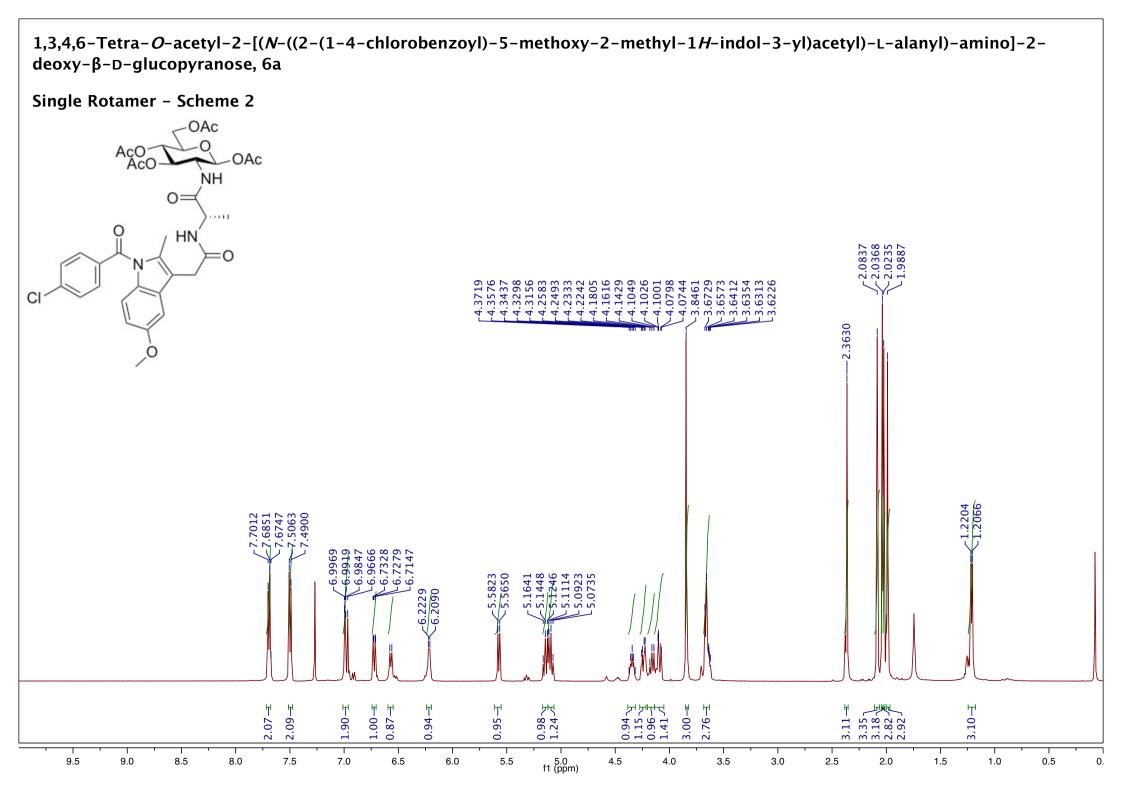


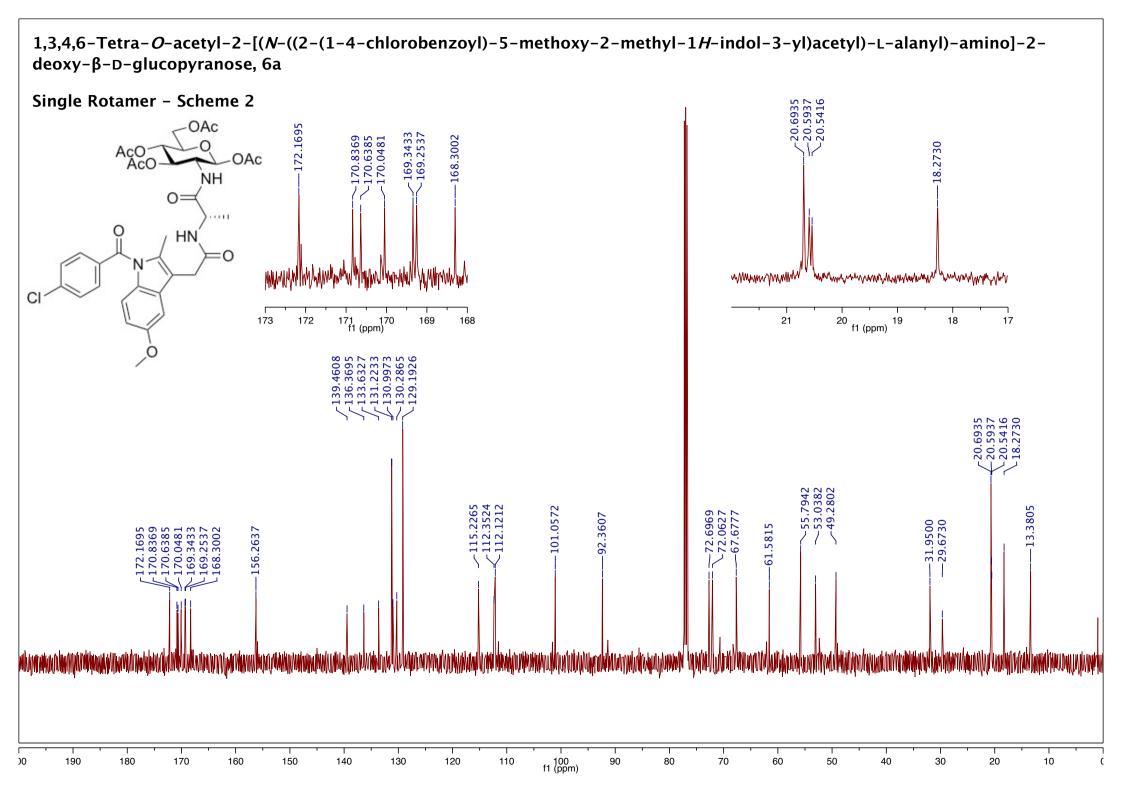




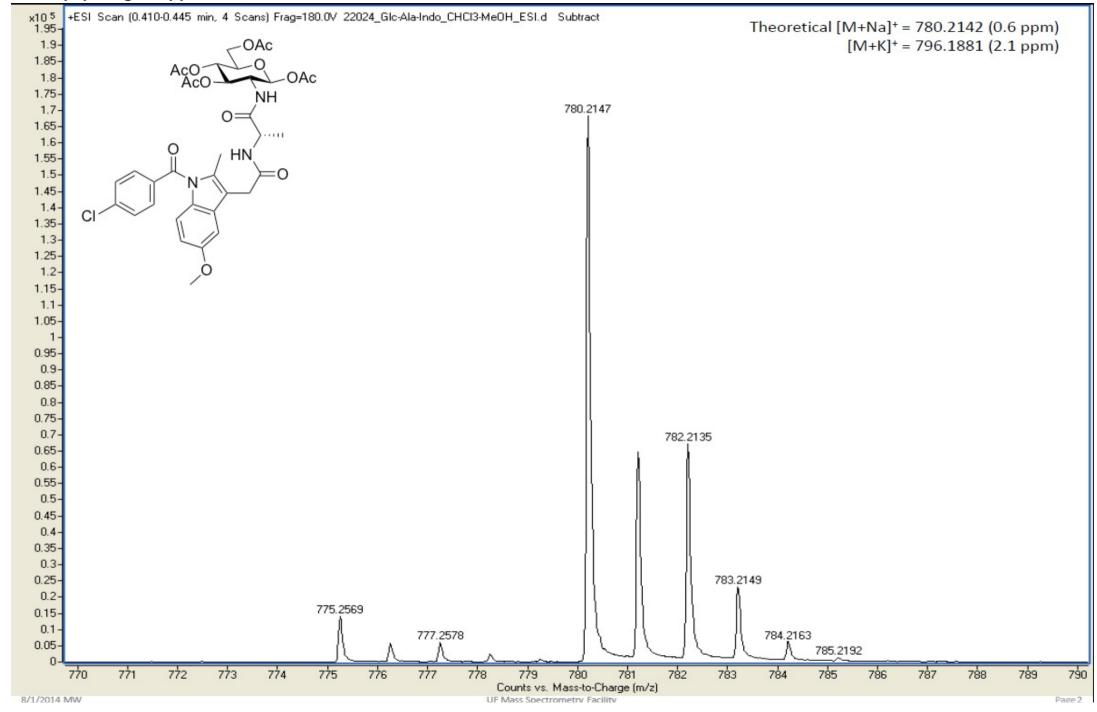


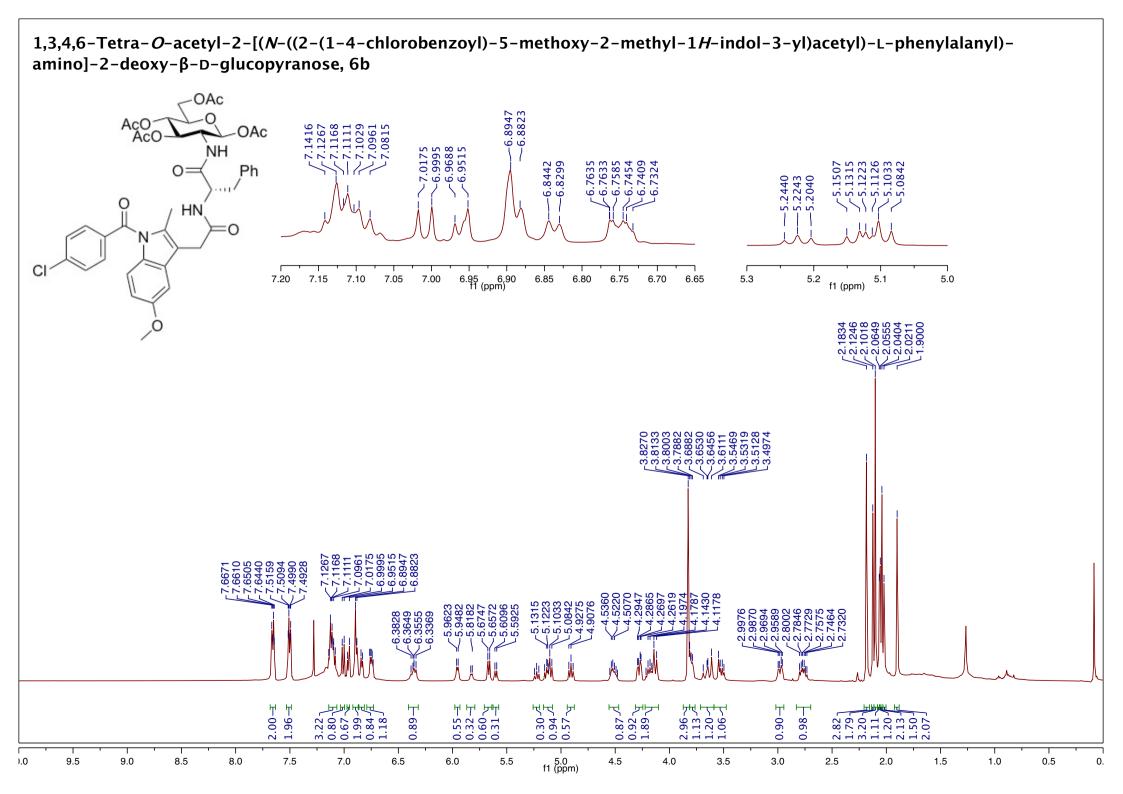






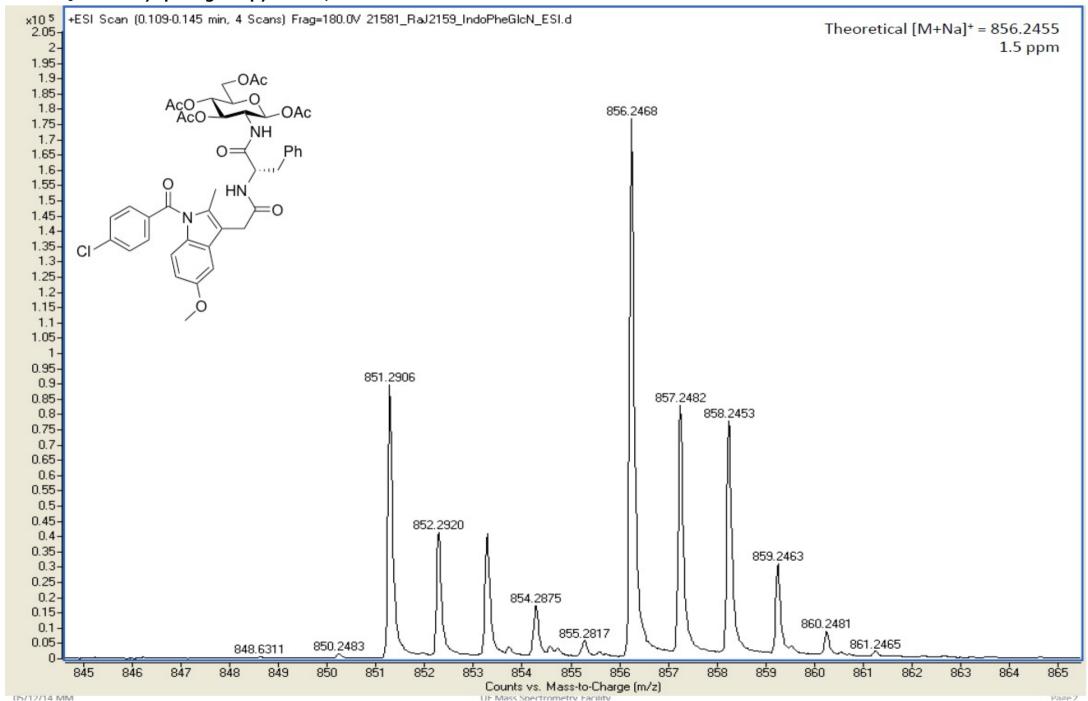
1,3,4,6-Tetra-O-acetyl-2-[(N-((2-(1-4-chlorobenzoyl)-5-methoxy-2-methyl-1H-indol-3-yl)acetyl)-1-alanyl)-amino]-1-deoxy-1-D-glucopyranose, 6a

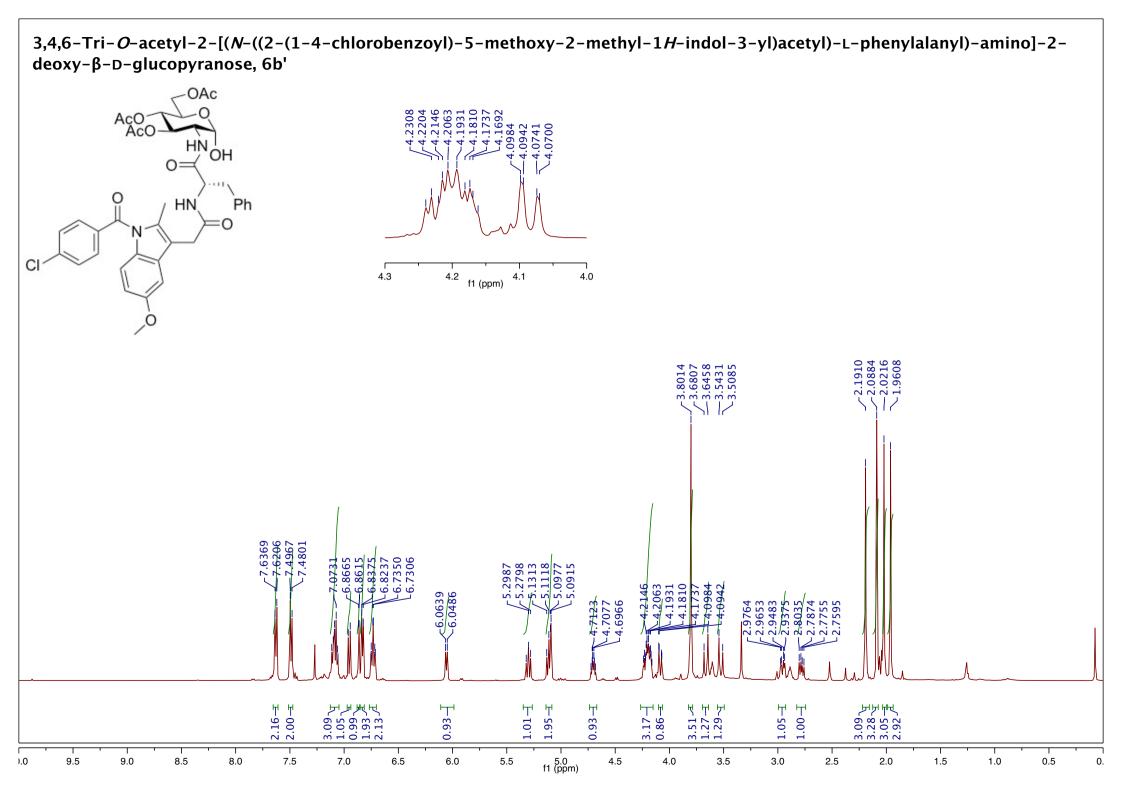




1,3,4,6-Tetra-O-acetyl-2-[(N-((2-(1-4-chlorobenzoyl)-5-methoxy-2-methyl-<math>1H-indol-3-yl)acetyl)-L-phenylalanyl)aminol-2-deoxy-β-D-glucopyranose, 6b 131.1462 131.1188 130.1549 130.0953 129.2098 129.1858 128.9114 128.6976 7171.2973 7171.0298 7170.9326 7170.8486 7170.6277 7170.6277 -169.4148 -169.2660 -169.2125 -169.1708 .4683 .3686 .7239 .4960 170 f1 (ppm) 172 171 168 167 141 140 139 138 137 136 135 132 131 130 129 128 127 126 133.6417 131.1462 131.1188 130.1549 129.2098 129.1858 128.9114 128.91628 128.6976 128.6287 .115.3462 -115.2995 -112.1226 -20.7068 -20.5849 -20.5641 13.0888 171.2973 171.0298 170.9326 170.8486 170.6277 170.4009 169.4148 169.2660 169.2125 169.1708 168.1522 .55.9038 .55.8507 .54.3481 .54.2554 .53.1611 .72.7813 .72.7633 .71.6482 .67.6953 -92.5510 -92.1532 -36.7403 -36.6714 :31.8935 :31.7757 190 180 170 160 150 140 130 120 110 90 80 70 60 50 40 20 10

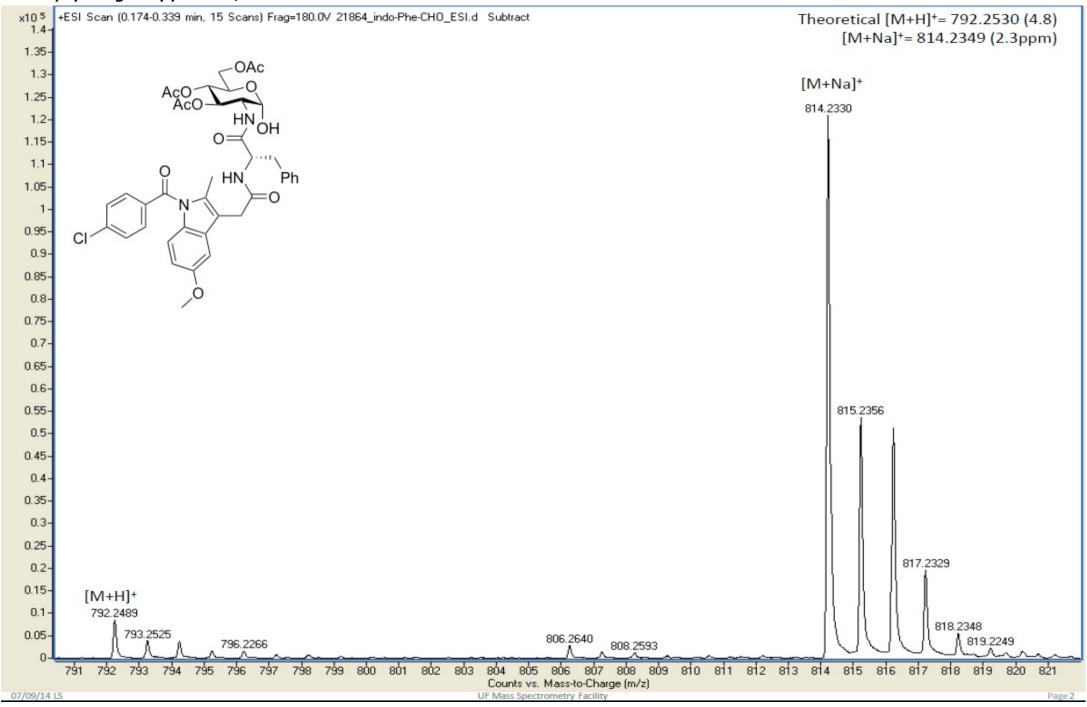
1,3,4,6-Tetra-O-acetyl-2-[(N-((2-(1-4-chlorobenzoyl)-5-methoxy-2-methyl-1H-indol-3-yl)acetyl)-L-phenylalanyl)-amino]-2-deoxy- β -D-glucopyranose, 6b

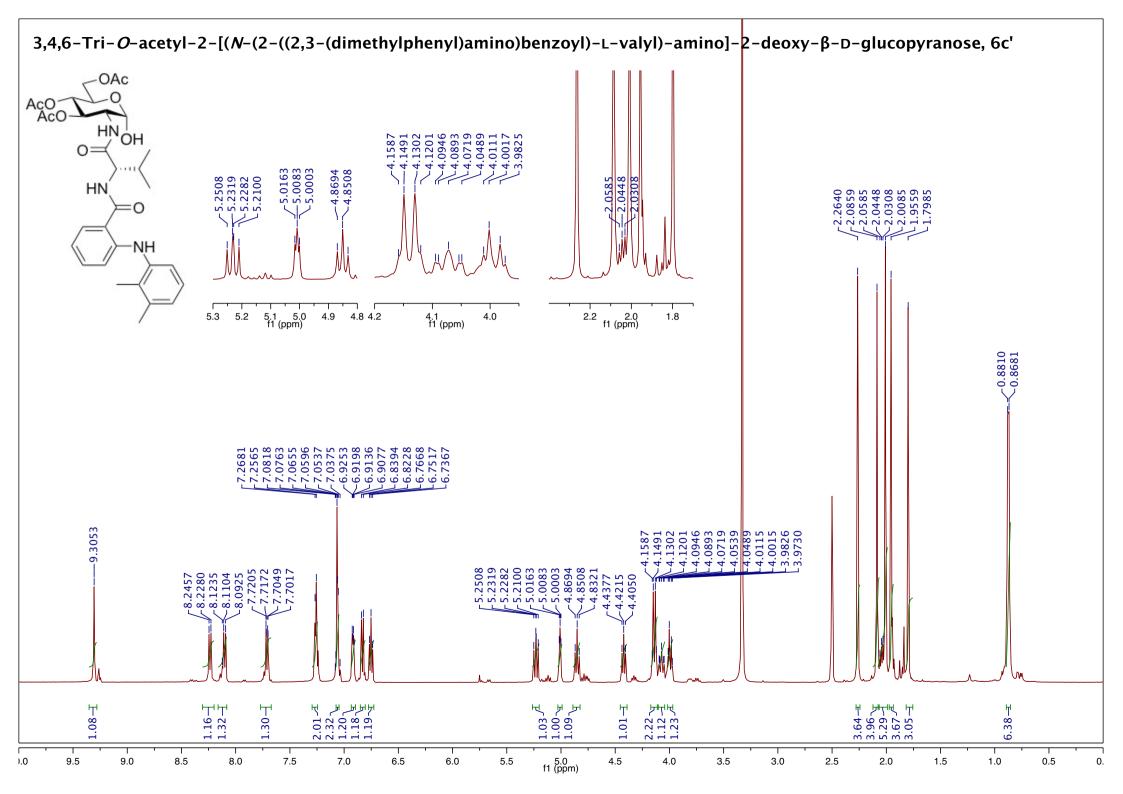


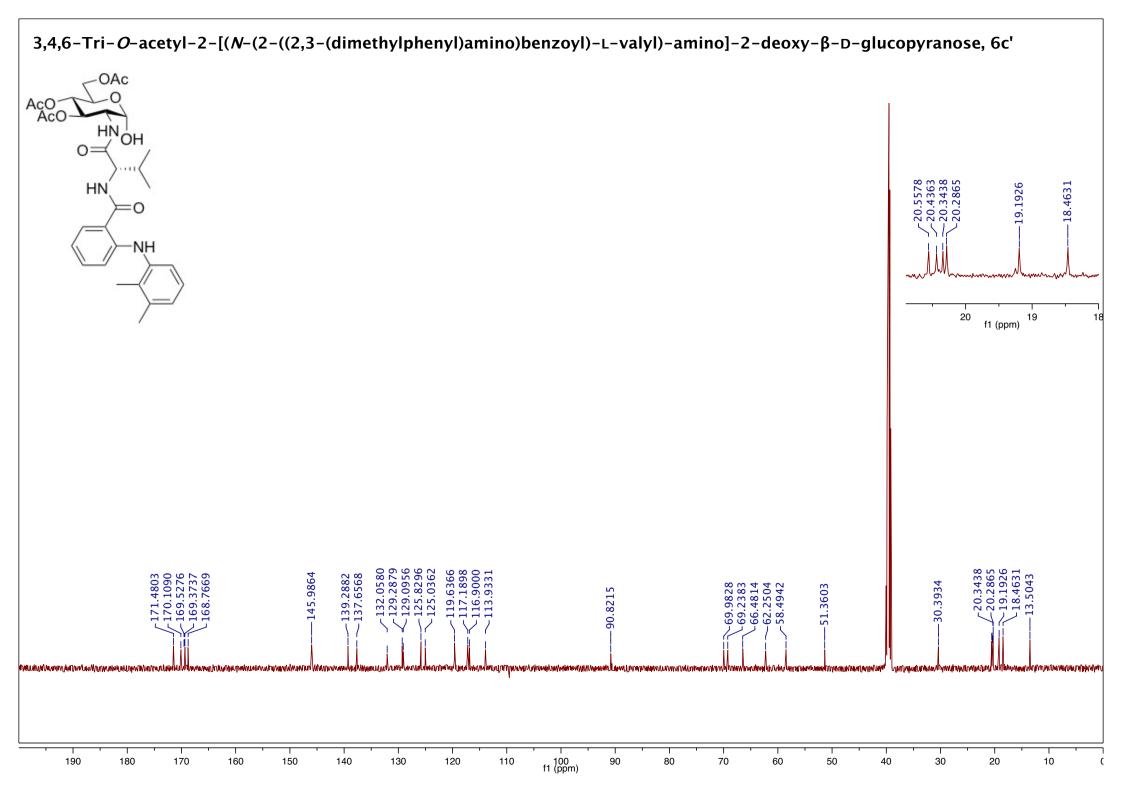


3,4,6-Tri-O-acetyl-2-[(N-((2-(1-4-chlorobenzoyl)-5-methoxy-2-methyl-1H-indol-3-yl)acetyl)-L-phenylalanyl)-amino]-2deoxy-\(\beta\)-p-glucopyranose, 6b' OAc 130.9780 130.1339 129.1895 128.8212 -170.7710 -170.6879 136.5138 169.3883 133.5084 f1 (ppm) f1 (ppm) 139.5195 136.5138 135.5560 133.5084 130.9780 130.9780 120.1895 120.1895 120.1895 .115.0359 :112.0195 :111.7360 -70.3740 -68.1958 -67.5479 170.7710 170.6879 169.3883 168.1920 62.0715

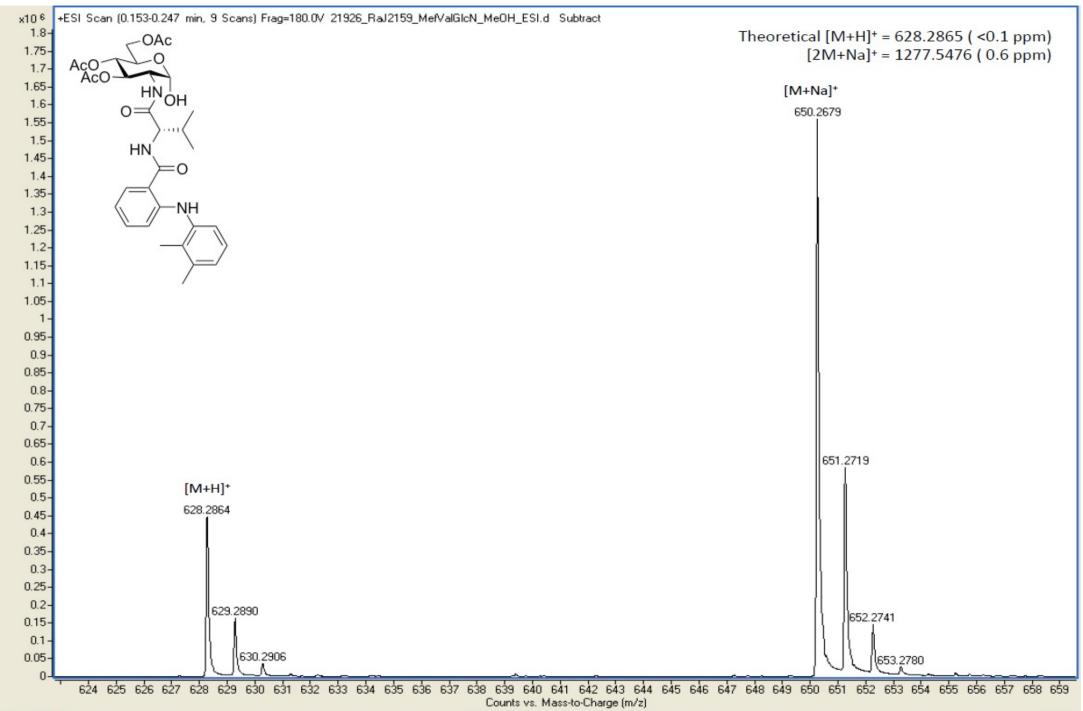
 $3,4,6-Tri-O-acetyl-2-[(N-((2-(1-4-chlorobenzoyl)-5-methoxy-2-methyl-1H-indol-3-yl)acetyl)-L-phenylalanyl)-amino]-2-deoxy-<math>\beta-D-glucopyranose, 6b'$

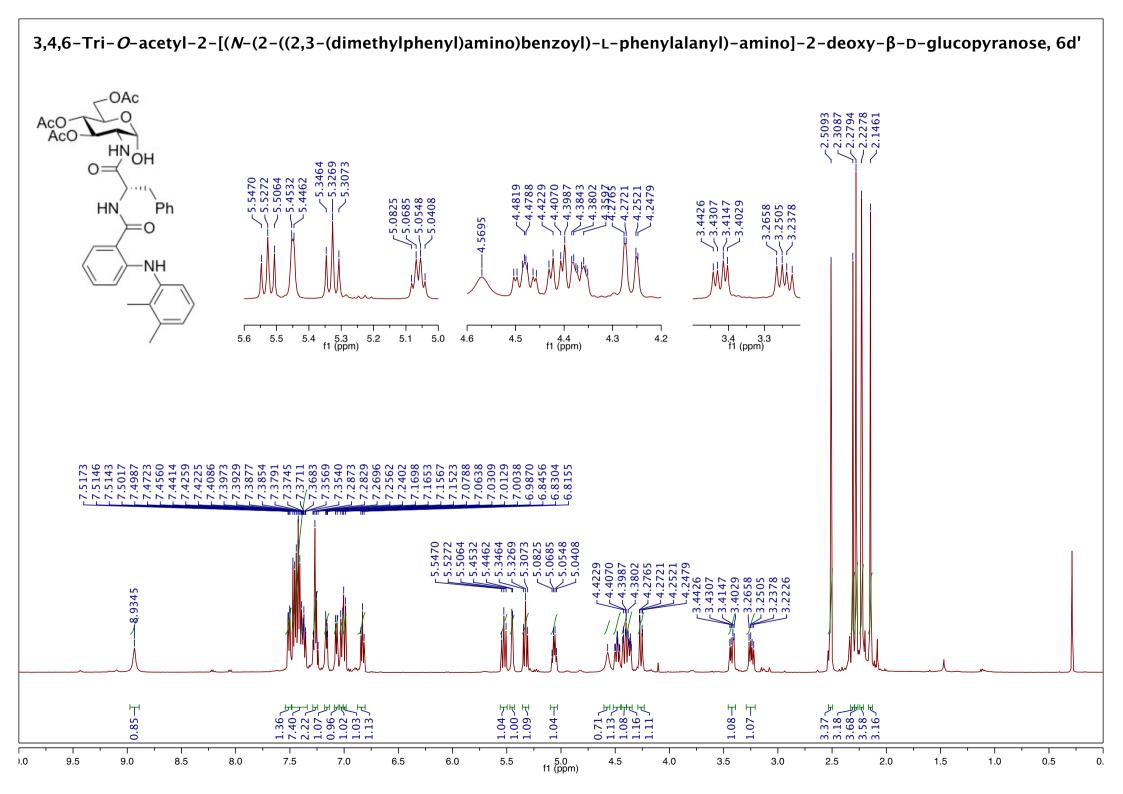


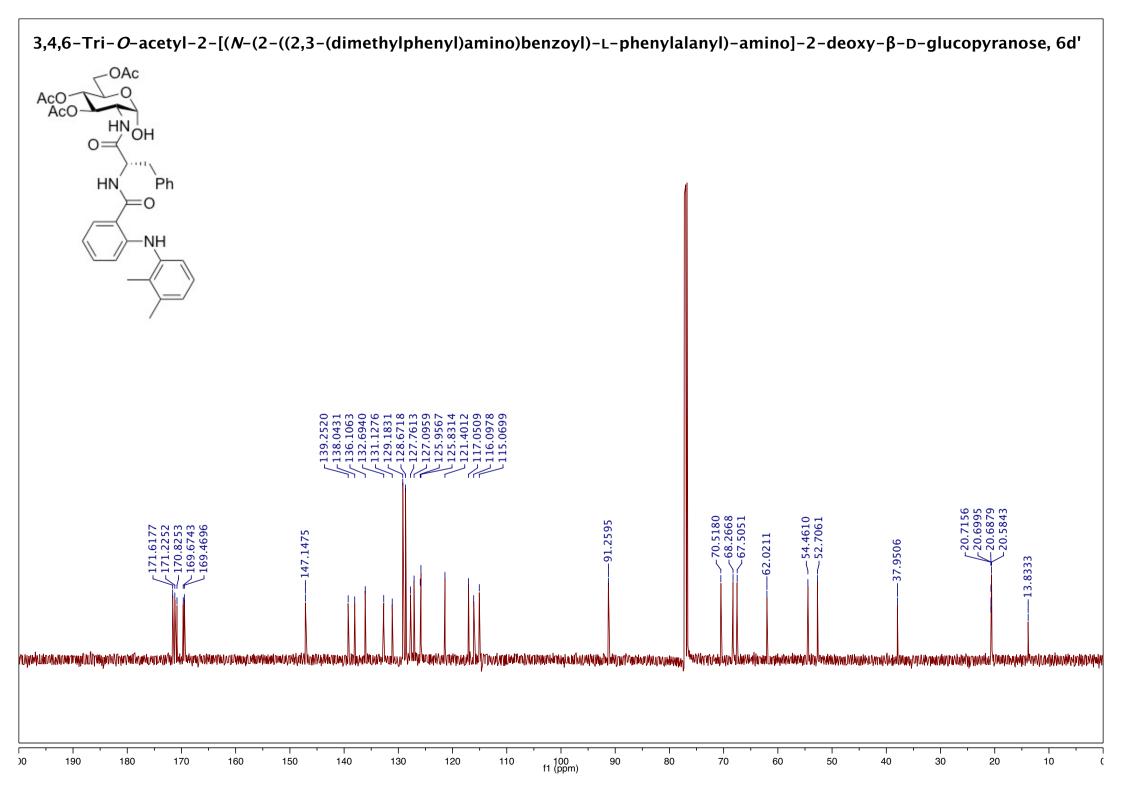




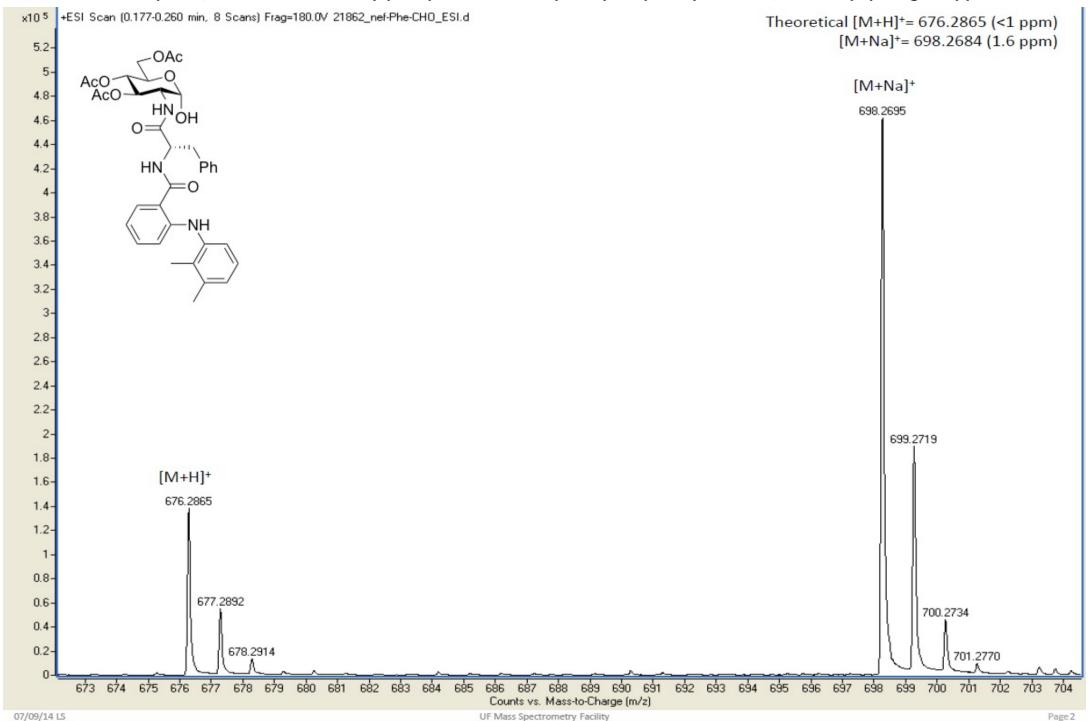
 $3,4,6-Tri-O-acetyl-2-[(N-(2-((2,3-(dimethylphenyl)amino)benzoyl)-L-valyl)-amino]-2-deoxy-\beta-D-glucopyranose, 6c' and 1-2-deoxy-benzoyl)-L-valyl)-amino]-2-deoxy-benzoyl)-amino]-2-d$

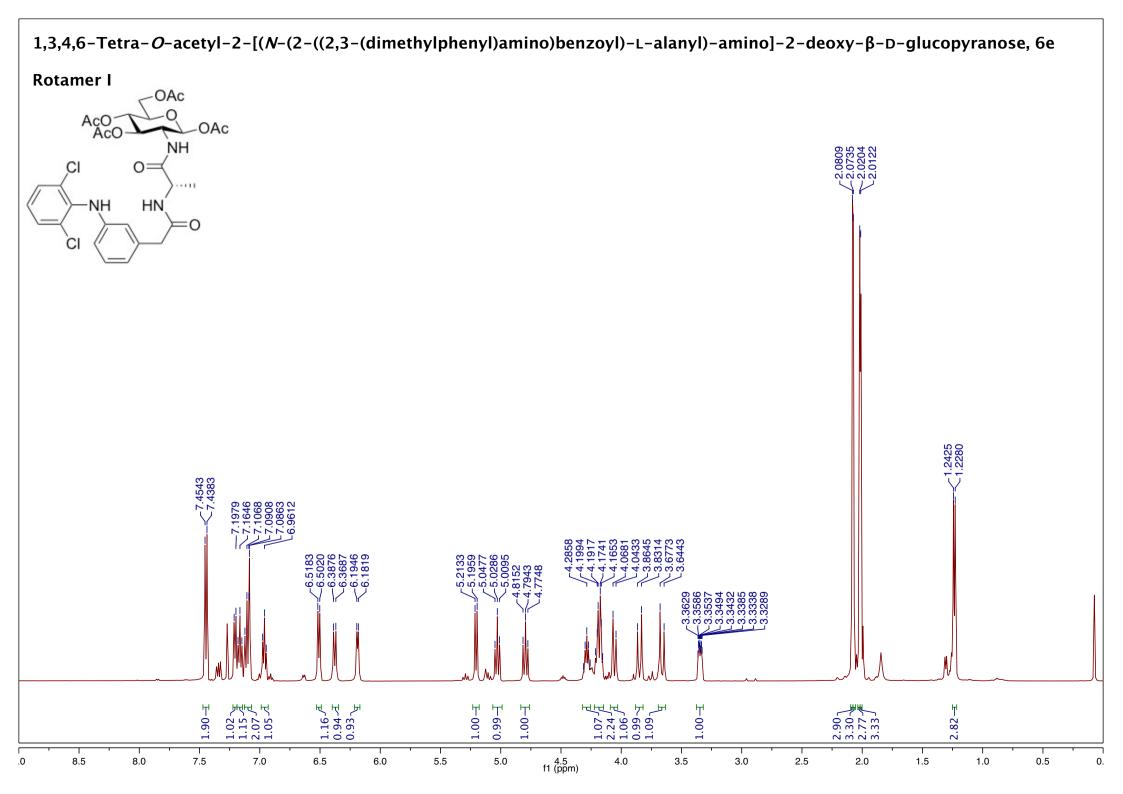


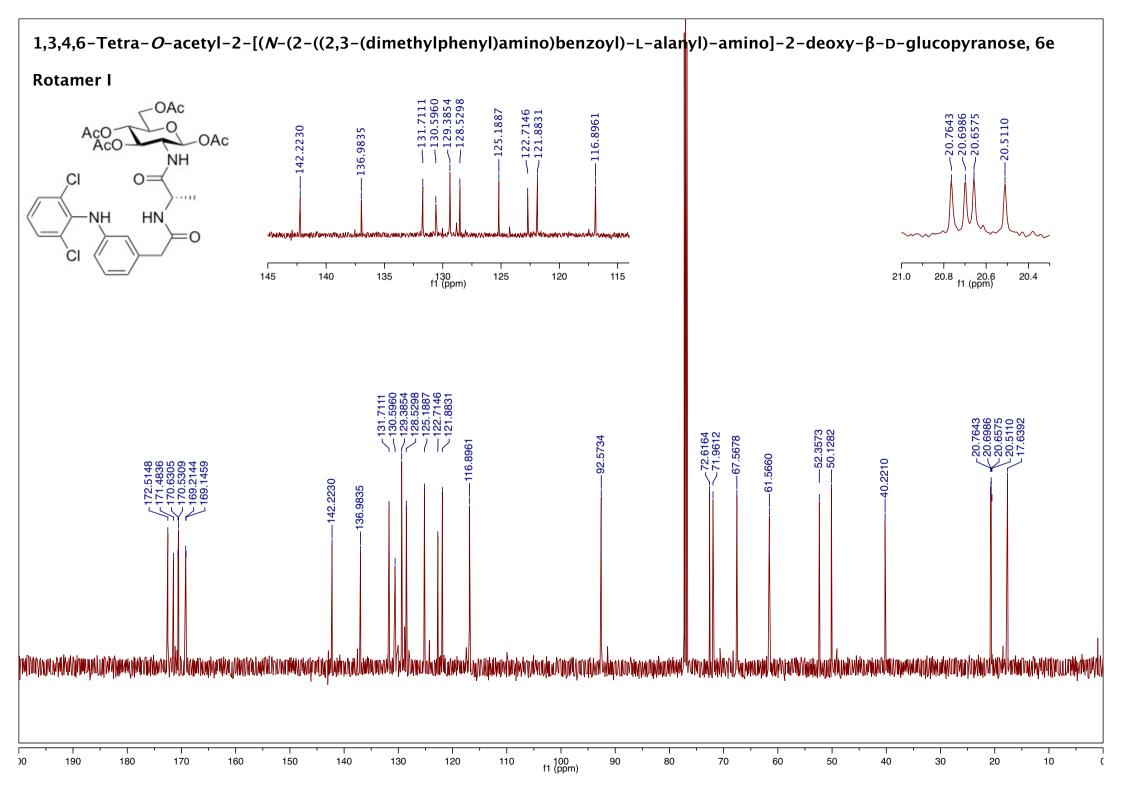


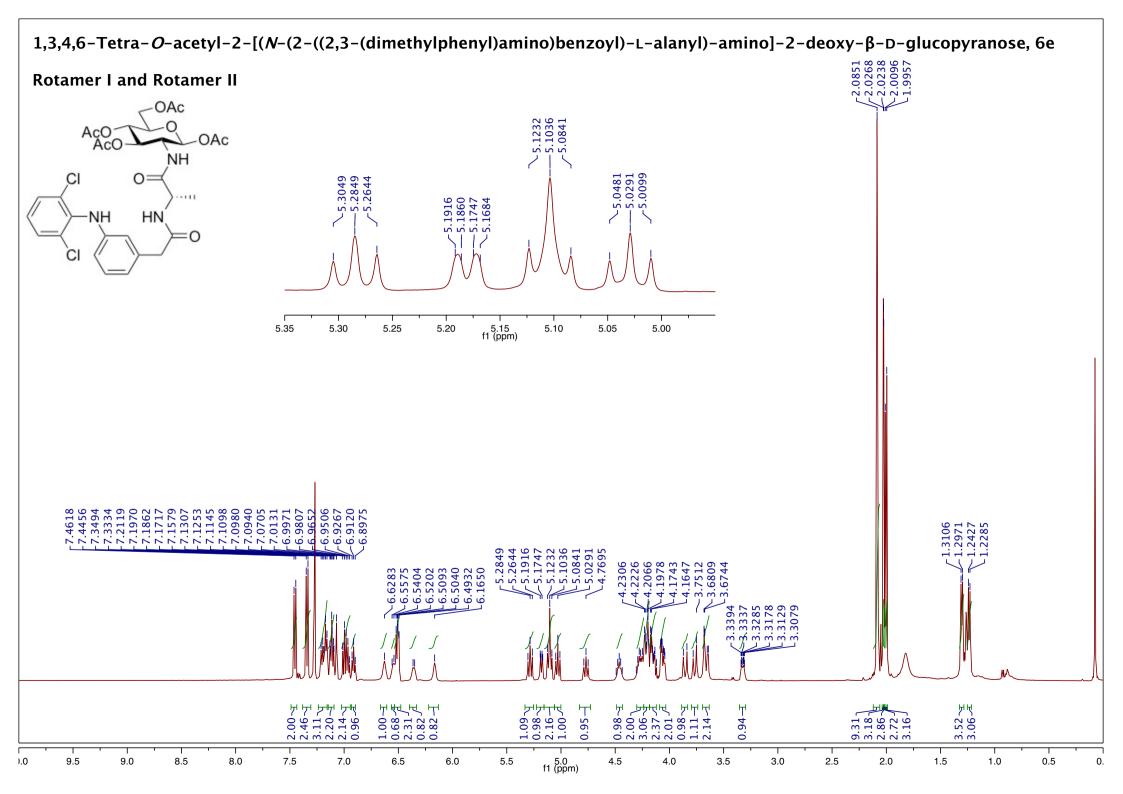


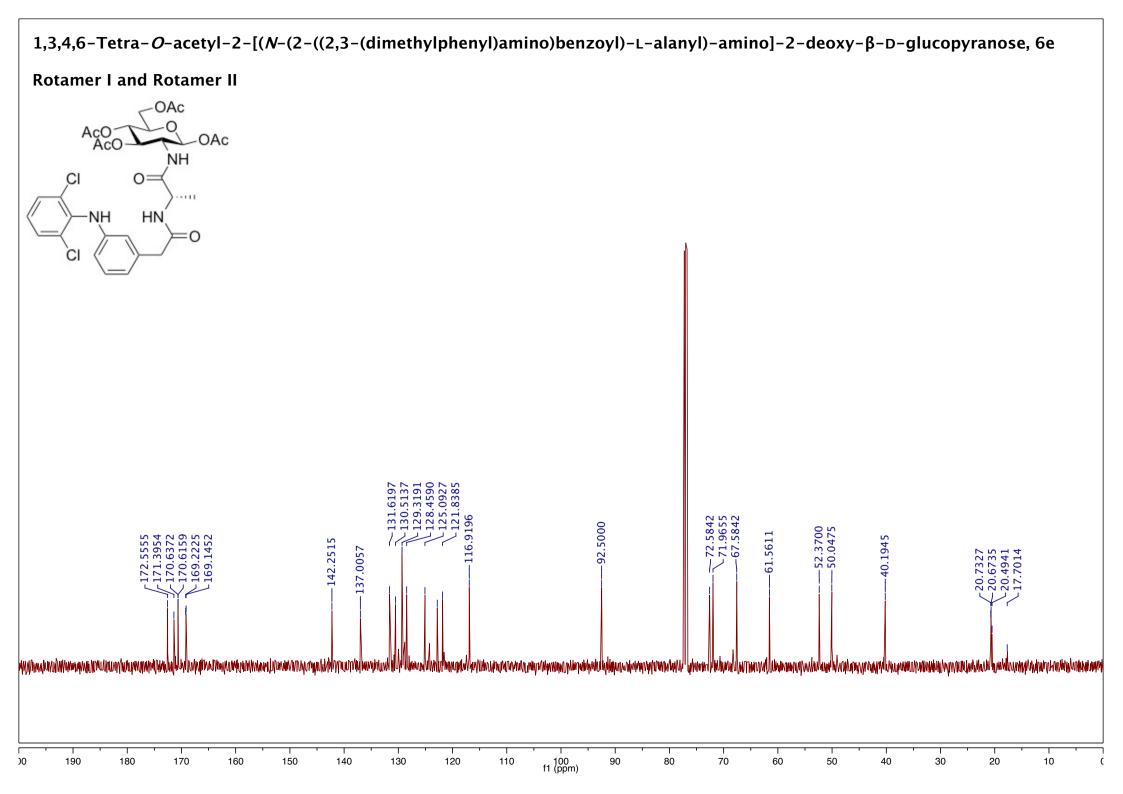
 $3,4,6-Tri-O-acetyl-2-[(N-(2-((2,3-(dimethylphenyl)amino)benzoyl)-L-phenylalanyl)-amino]-2-deoxy-\beta-D-glucopyranose, 6d'$



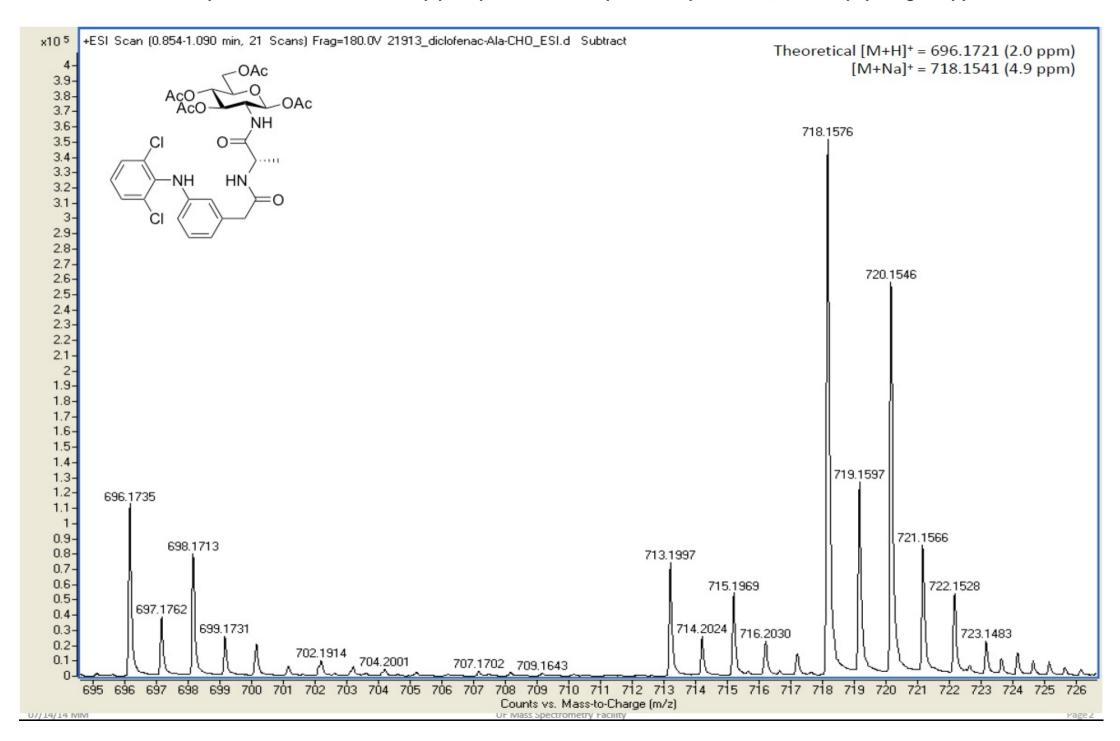


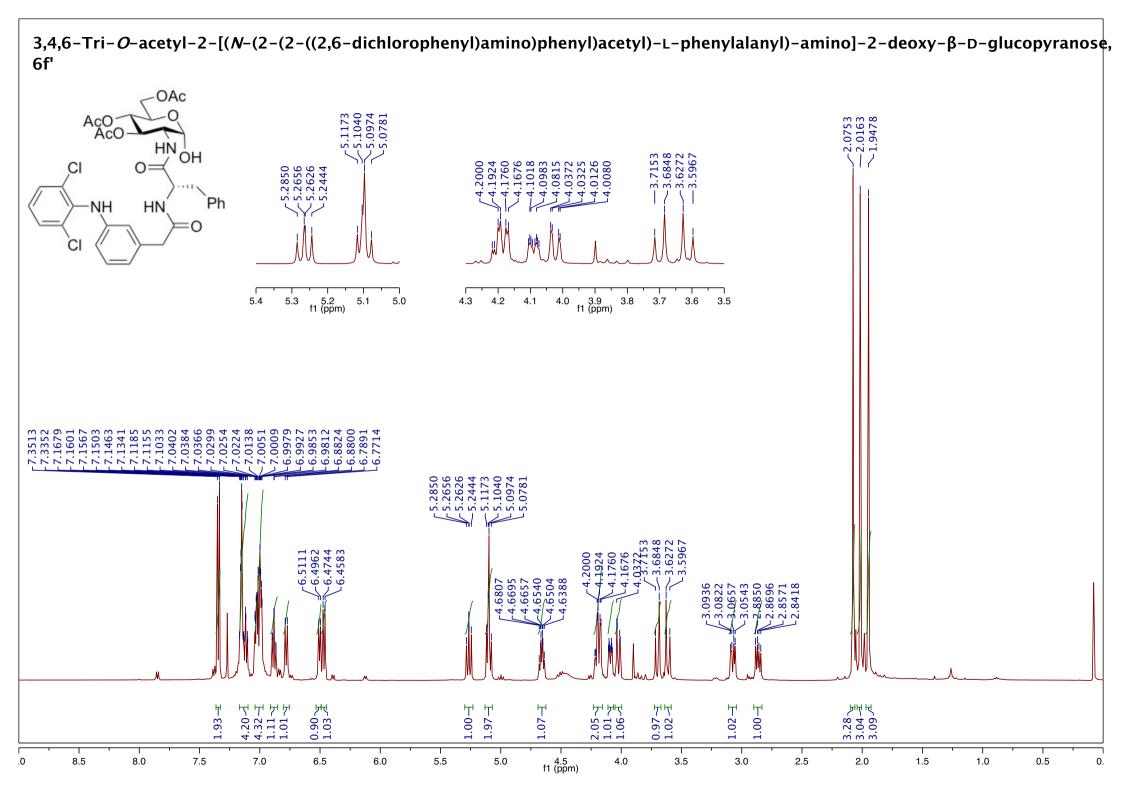


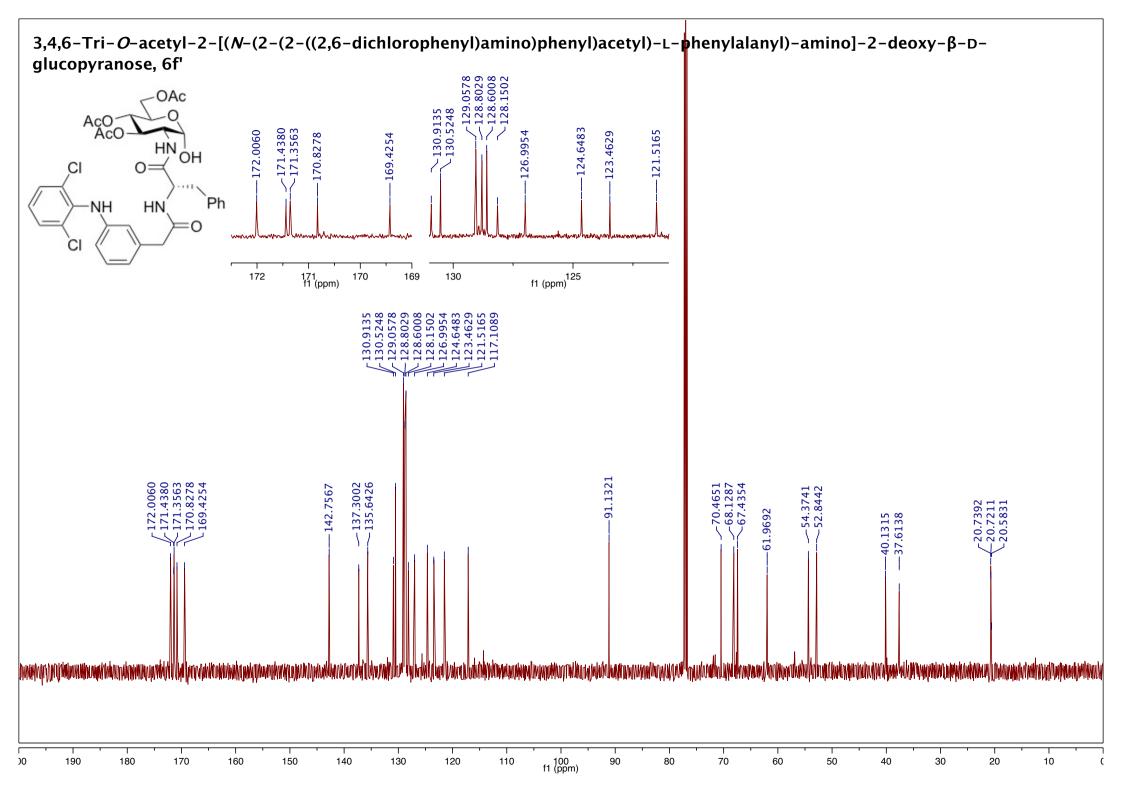




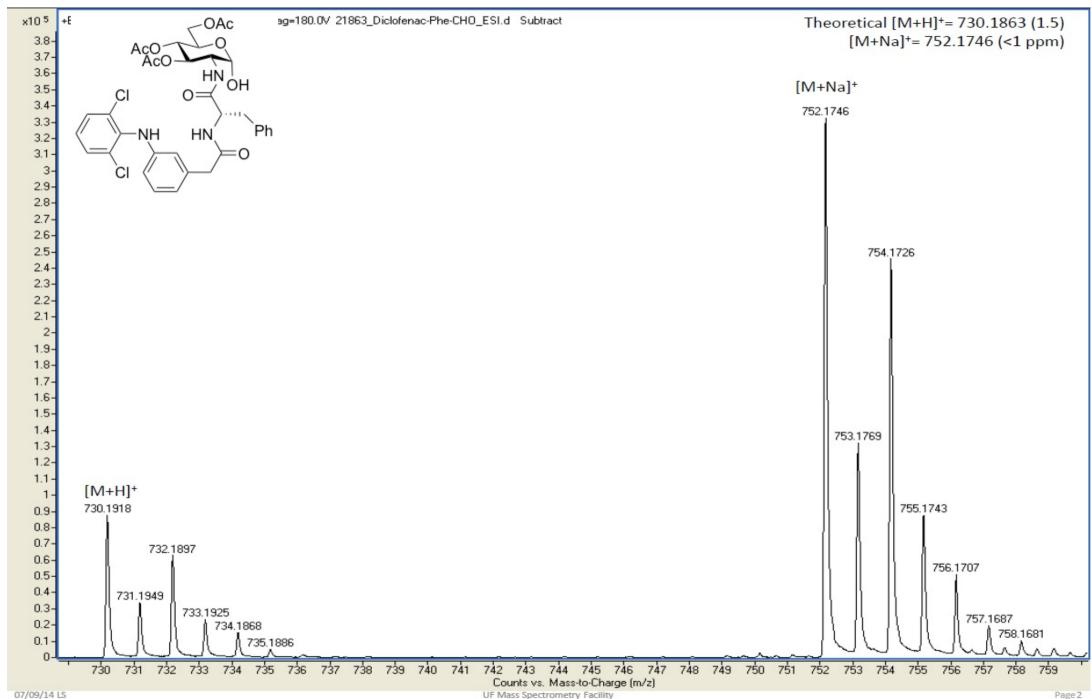
1,3,4,6-Tetra-O-acetyl-2-[(N-(2-((2,3-(dimethylphenyl)amino)benzoyl)-L-alanyl)-amino]-2-deoxy- β -D-glucopyranose, 6e

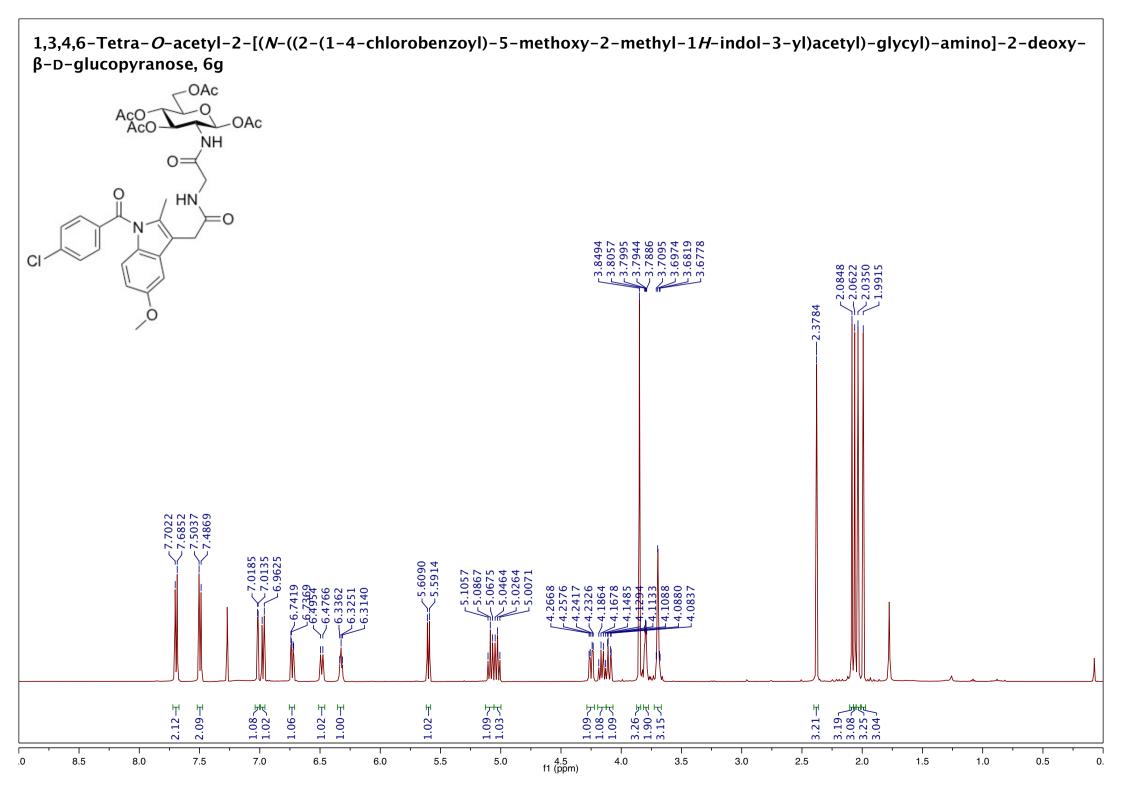


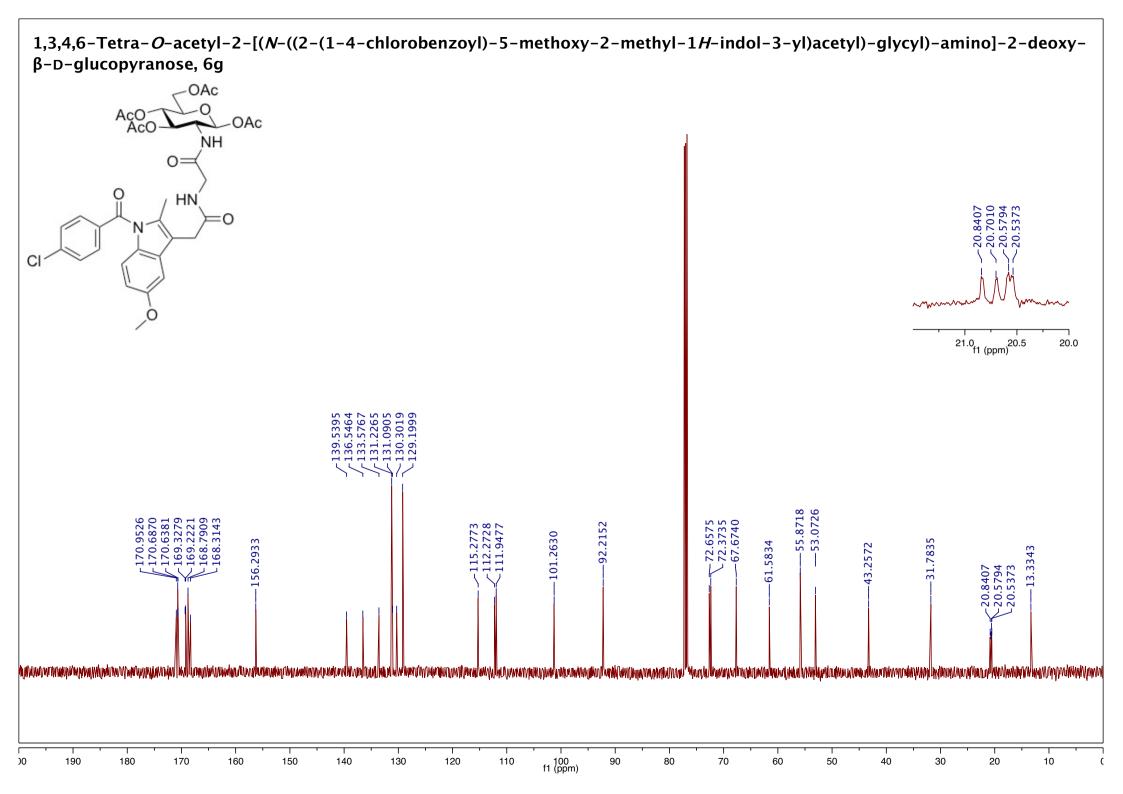




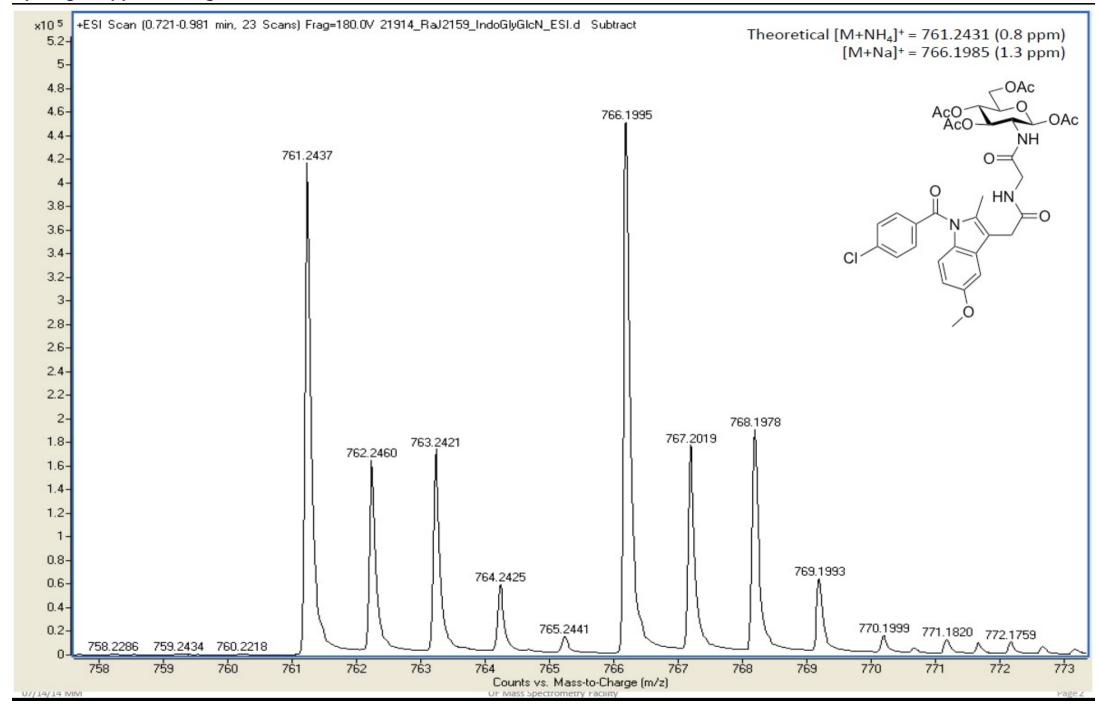
 $3,4,6-Tri-O-acetyl-2-[(N-(2-(2-((2,6-dichlorophenyl)amino)phenyl)acetyl)-L-phenylalanyl)-amino]-2-deoxy-<math>\beta-D$ glucopyranose, 6f'

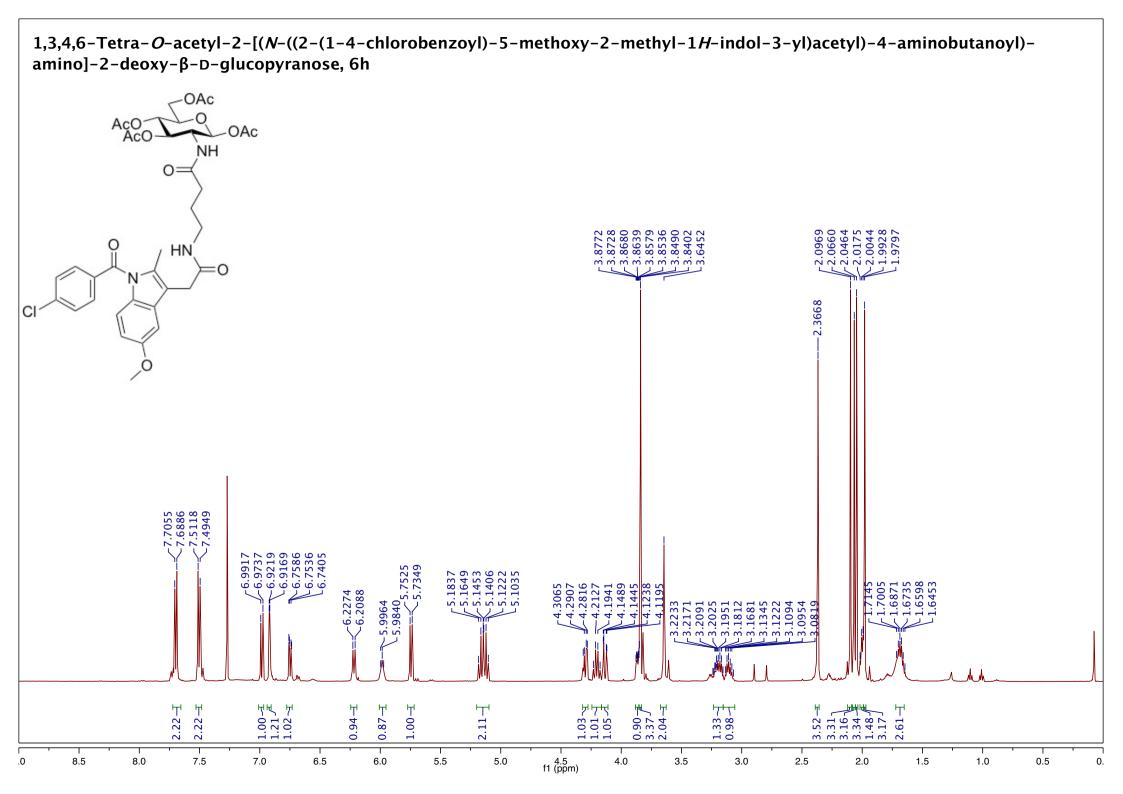


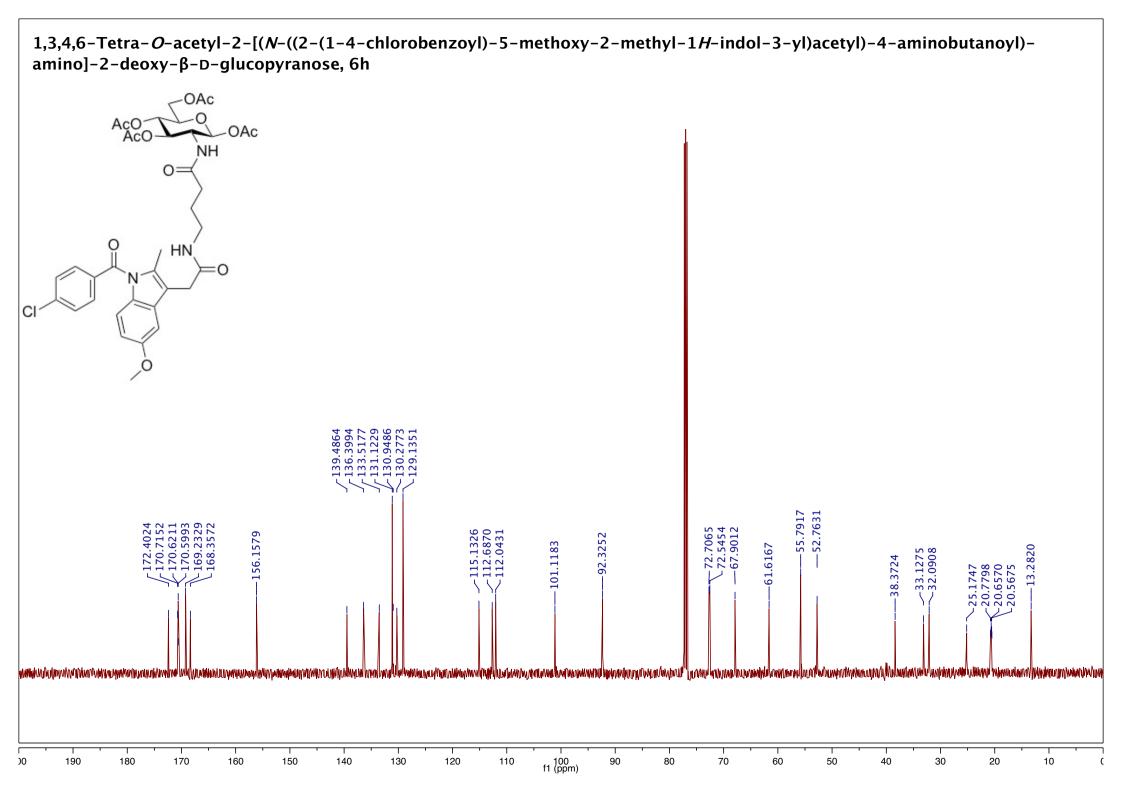




1,3,4,6-Tetra-O-acetyl-2-[(N-((2-(1-4-chlorobenzoyl)-5-methoxy-2-methyl-1H-indol-3-yl)acetyl)-glycyl)-amino]-2-deoxy- β -D-glucopyranose, 6g







1,3,4,6-Tetra-O-acetyl-2-[(N-((2-(1-4-chlorobenzoyl)-5-methoxy-2-methyl-1<math>H-indol-3-yl)acetyl)-4-aminobutanoyl)-amino]-2-deoxy- β -D-glucopyranose, 6h

