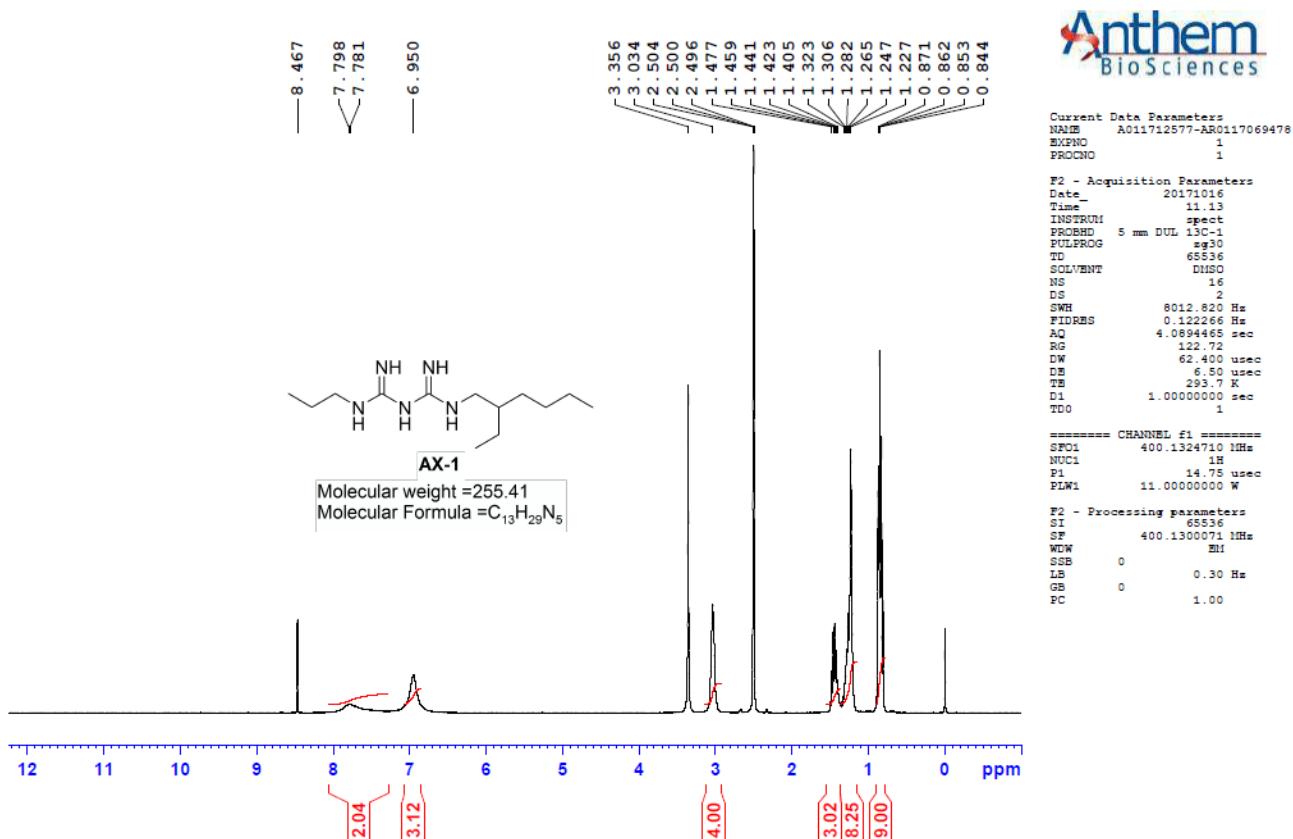
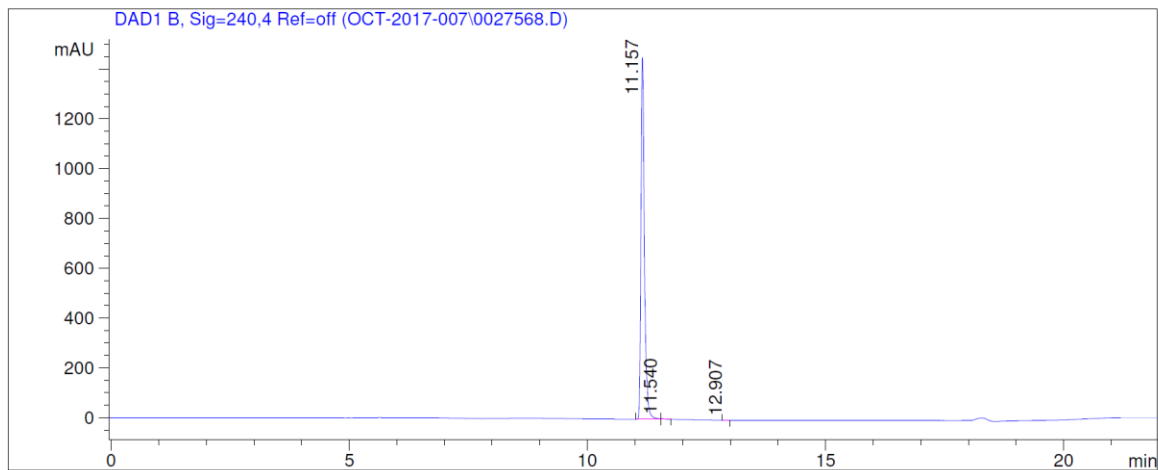


Data S1. Analytical (¹H NMR and HPLC) spectra of the alexidine analogs, related to Figure 1 and STAR methods.

AX-1 ¹H NMR spectrum

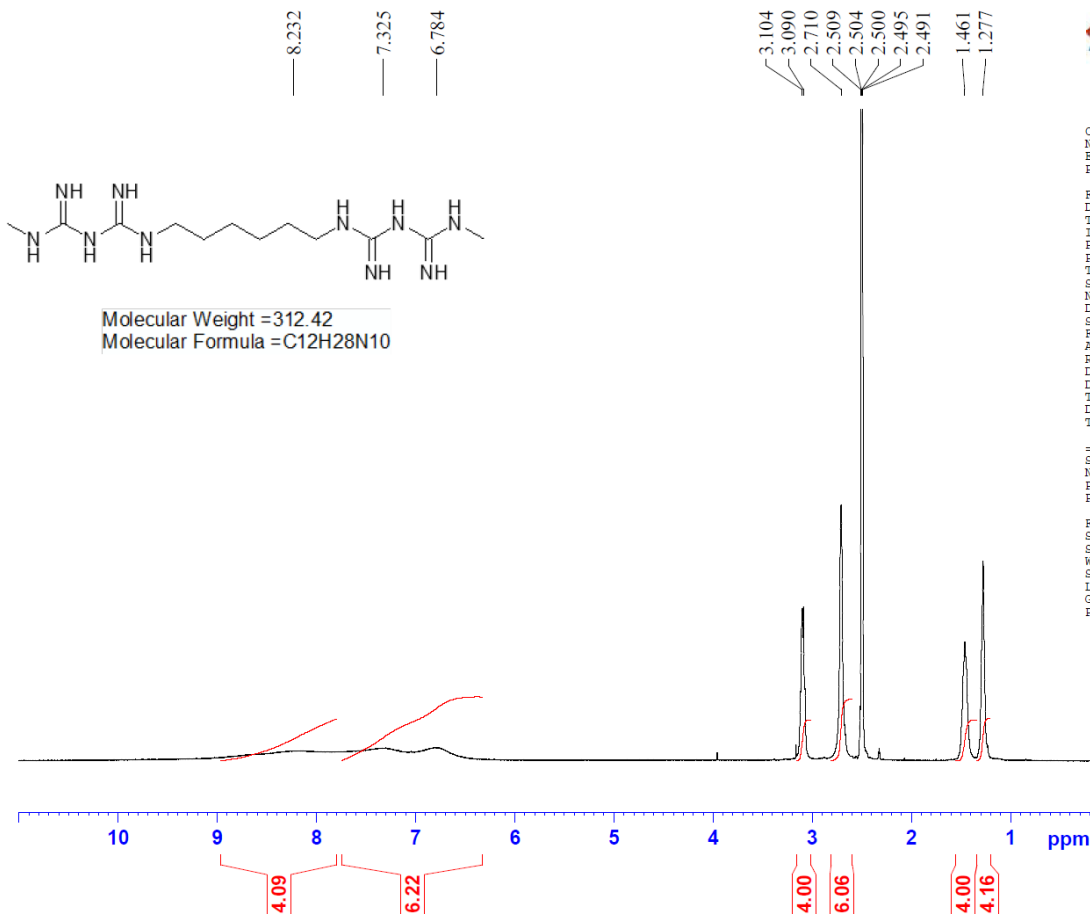


AX-1 HPLC spectrum



Peak #	RT [min]	Area	Area %	Name
1	11.157	7353.478	99.798	
2	11.540	13.288	0.180	
3	12.907	1.560	0.021	

AX-2 ¹H NMR spectrum



```

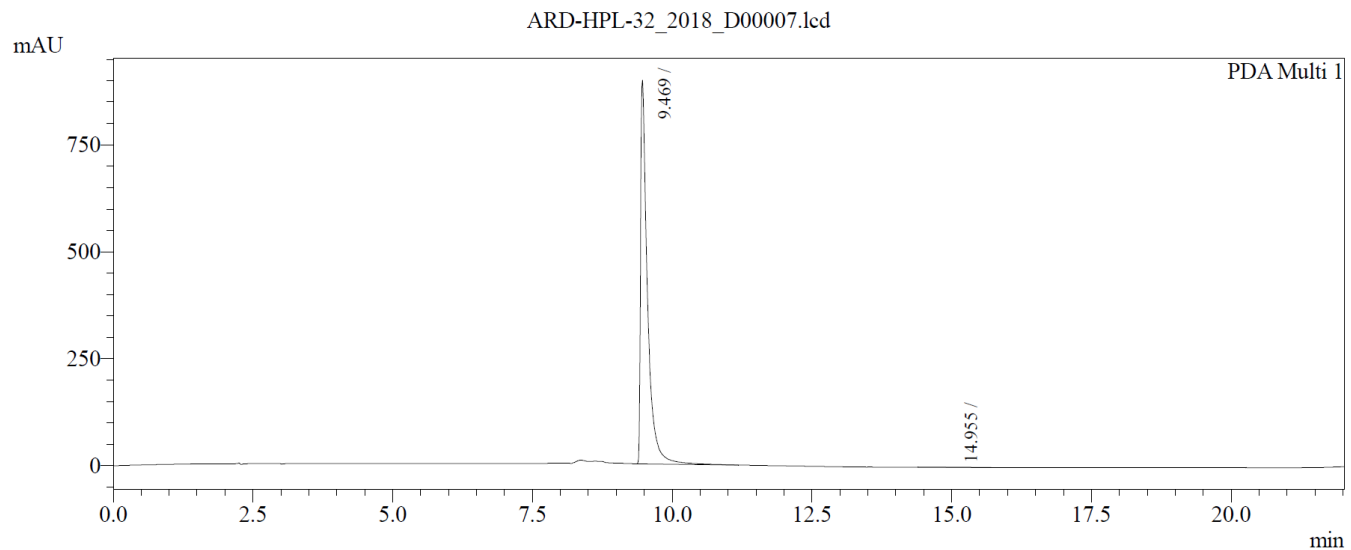
Current Data Parameters
NAME      A011712413-AR0118001829
EXPNO    1
PROCNO   1

F2 - Acquisition Parameters
Date_    20180110
Time     19.13
INSTRUM  spect
PROBHD   5 mm DUL 13C-1
PULPROG  zg30
TD        65536
SOLVENT  DMSO
NS        16
DS         2
SWH       8012.820 Hz
FIDRES    0.122266 Hz
AQ         4.0894465 sec
RG         195.48
DM         62.400 usec
DE         6.50 usec
TE         293.8 K
D1         1.00000000 sec
TD0        1

===== CHANNEL f1 =====
SFO1      400.1324710 MHz
NUC1       1H
P1         14.75 usec
PLW1       11.00000000 W

F2 - Processing parameters
SI         65536
SF         400.1300071 MHz
WDW        EM
SSB        0
LB         0.30 Hz
GB         0
PC         1.00
    
```

AX-2 HPLC spectrum

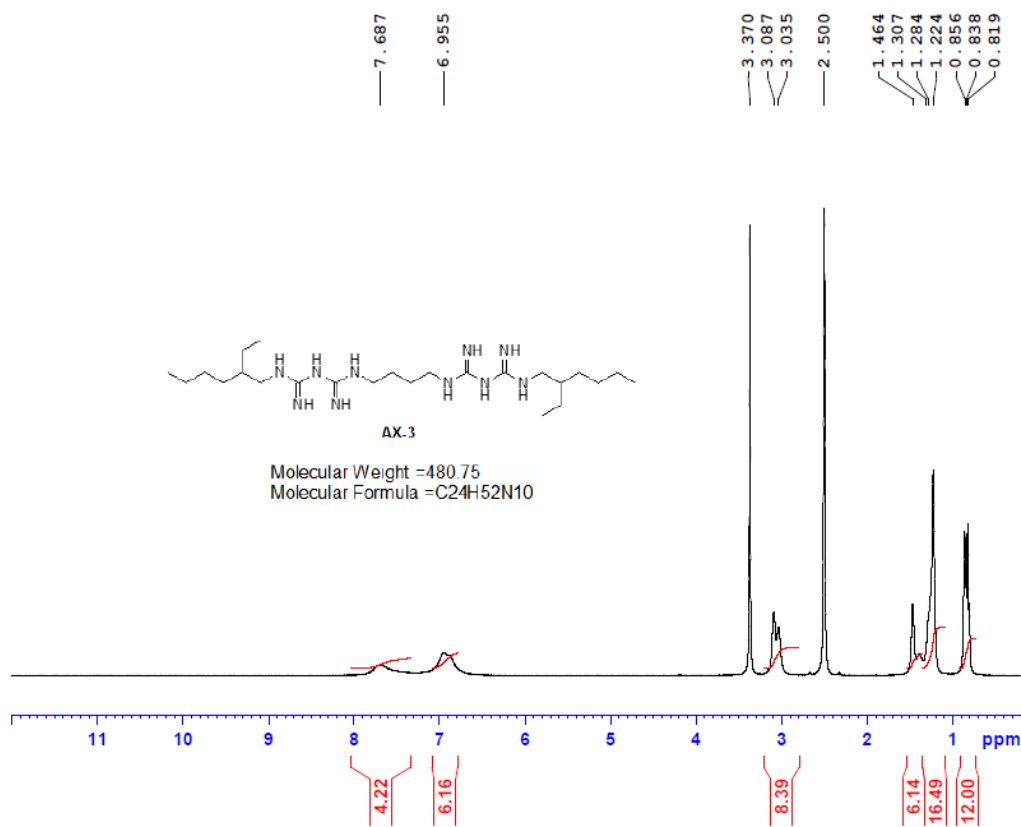


1 PDA Multi 1 / 235nm,4nm

Peak Table

Peak#	Ret. Time (min)	RRT	Height	Area	Area%	Name
1	9.469	1.000	897906	7736472	99.853	
2	14.955	1.579	294	11417	0.147	
Total			898201	7747889	100.000	

AX-3 ¹H NMR spectrum



```

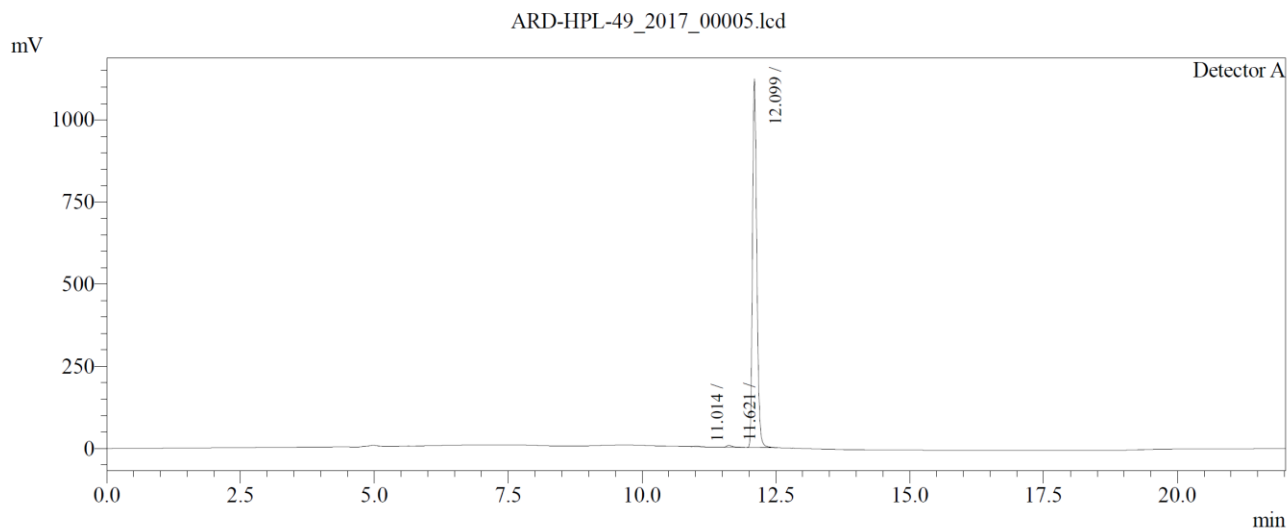
Current Data Parameters
NAME      A011711900-AR0117065286
EXPNO    1
PROCNO   1

F2 - Acquisition Parameters
Date_    20170927
Time     9.11
INSTRUM spect
PROBHD   5 mm DUL 13C-1
PULPROG zg30
TD       65536
SOLVENT  DMSO
NS       8
DS       2
SWH      8012.820 Hz
FIDRES   0.122266 Hz
AQ       4.0894465 sec
RG       122.72
DW       62.400 usec
DE       6.50 usec
TE       293.6 K
D1       1.0000000 sec
TDO      1

===== CHANNEL f1 =====
SFO1     400.1324710 MHz
NUC1     1H
P1       14.75 usec
PLW1     11.0000000 W

F2 - Processing parameters
SI       65536
SF       400.1300071 MHz
WDW      EM
SSB      0
LB       0.30 Hz
GB       0
PC       1.00
    
```

AX-3 HPLC spectrum

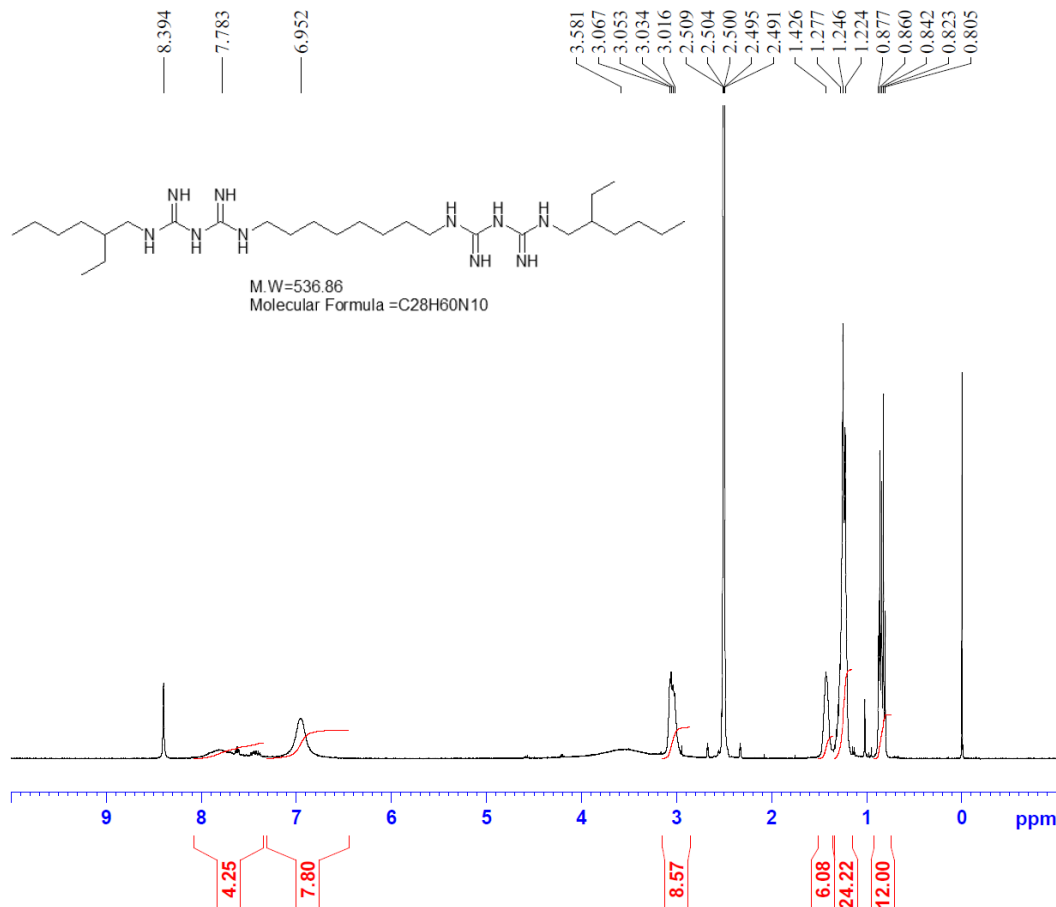


1 Detector A / 240nm

Peak Table

Peak#	Ret. Time (min)	RRT	Height	Area	Area%	Name
1	11.014	0.910	1941	11447	0.179	
2	11.621	0.960	6052	42715	0.668	
3	12.099	1.000	1121888	6340270	99.153	
Total			1129880	6394432	100.000	

AX-4 ¹H NMR spectrum



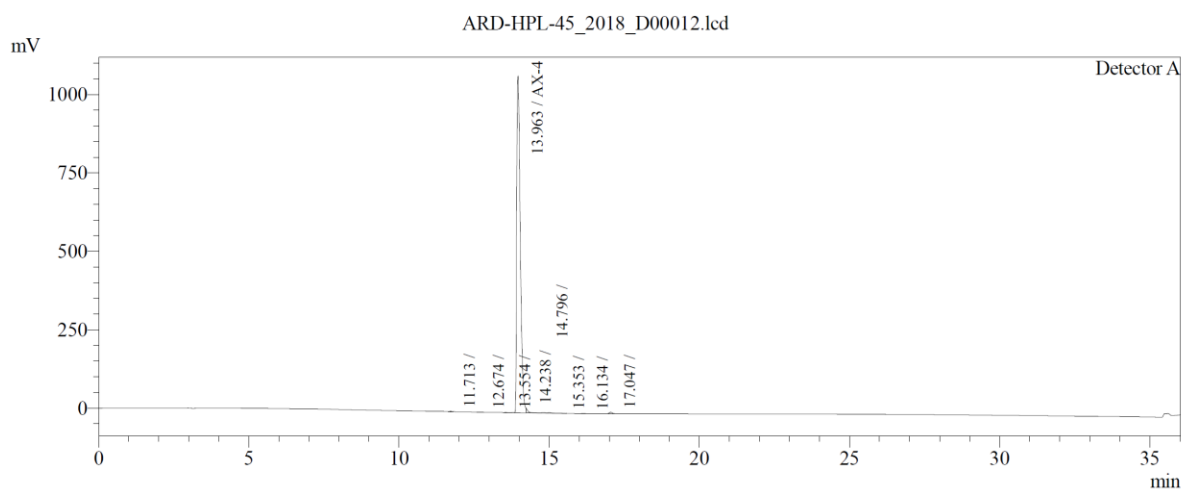
Anthem
BioSciences

Current Data Parameters
NAME A011800394-AR0118004155
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20180124
Time_ 17.25
INSTRUM spect
PROBHD 5 mm DUL 13C-1
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 8012.820 Hz
FIDRES 0.122266 Hz
AQ 4.089465 sec
RG 195.48
DW 62.400 usec
DE 6.50 usec
TE 293.3 K
D1 1.0000000 sec
TDO 1

==== CHANNEL f1 =====
SF01 400.1324710 MHz
NUC1 1H
P1 14.75 usec
PLW1 11.00000000 W
F2 - Processing parameters
SI 65536
SF 400.1300071 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

AX-4 HPLC spectrum

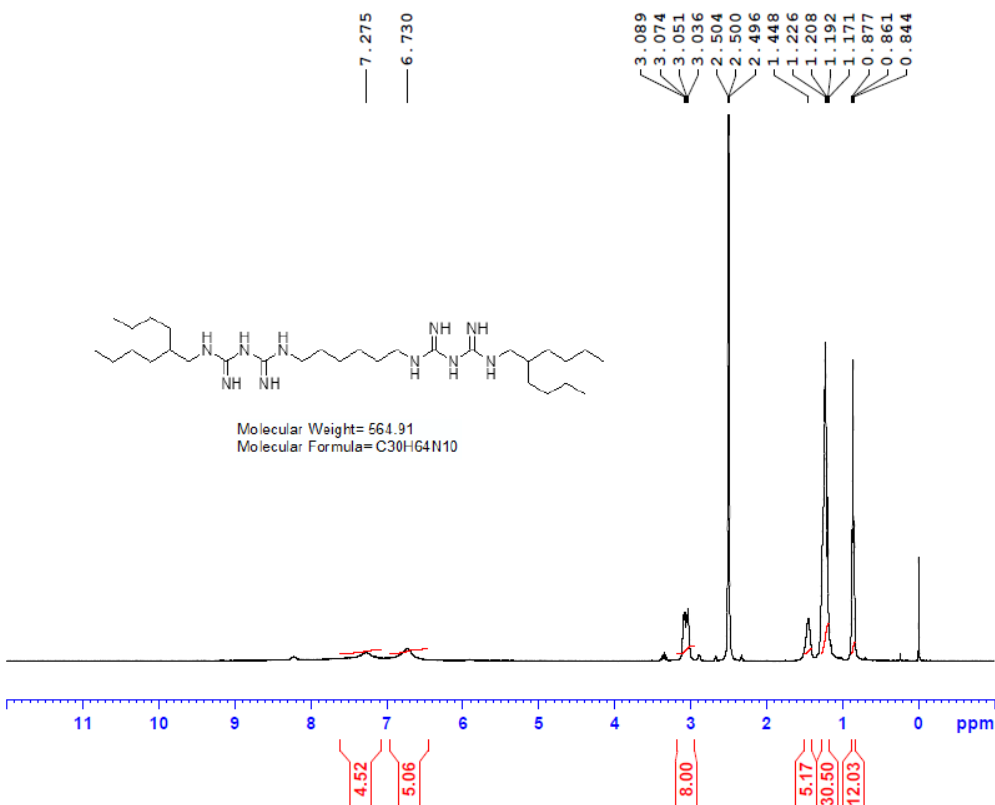


1 Detector A / 234nm

Peak Table

Peak#	Ret. Time (min)	RRT	Height	Area	Area%	Name
1	11.713	0.839	801	3823	0.043	
2	12.674	0.908	472	2330	0.026	
3	13.554	0.971	318	2006	0.022	
4	13.963	1.000	1072732	8815498	98.487	AX-4
5	14.238	1.020	14483	58499	0.654	
6	14.796	1.060	1413	22596	0.252	
7	15.353	1.100	859	6173	0.069	
8	16.134	1.156	975	5730	0.064	
9	17.047	1.221	4804	34227	0.382	
Total			1096857	8950883	100.000	

AX-5 ¹H NMR spectrum



```

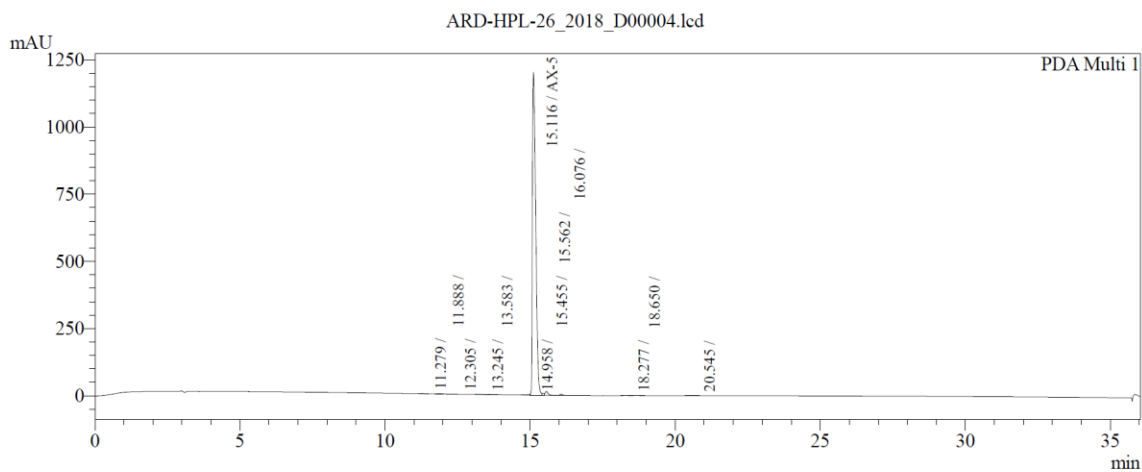
Current Data Parameters
NAME      A011801411-AR0118010983
EXPNO    1
PROCNO   1

F2 - Acquisition Parameters
Date_    20180301
Time     13.15
INSTRUM  spect
PROBHD   5 mm DUL 13C-1
PULPROG  zg30
TD       65536
SOLVENT  DMSO
NS       16
DS       2
SWH      8012.820 Hz
FIDRES   0.1222868 Hz
AQ       4.0894465 sec
RG       195.48
DW       62.400 usec
DE       6.50 usec
TE       293.5 K
D1       1.00000000 sec
TDO      1

===== CHANNEL f1 =====
SFO1     400.1324710 MHz
NUC1     1H
P1       14.75 usec
PL1     11.00000000 W

F2 - Processing parameters
SI       65536
SF       400.1300071 MHz
WDW      EM
SSB      0
LB       0.30 Hz
GB       0
FC       1.00
    
```

AX-5 HPLC spectrum

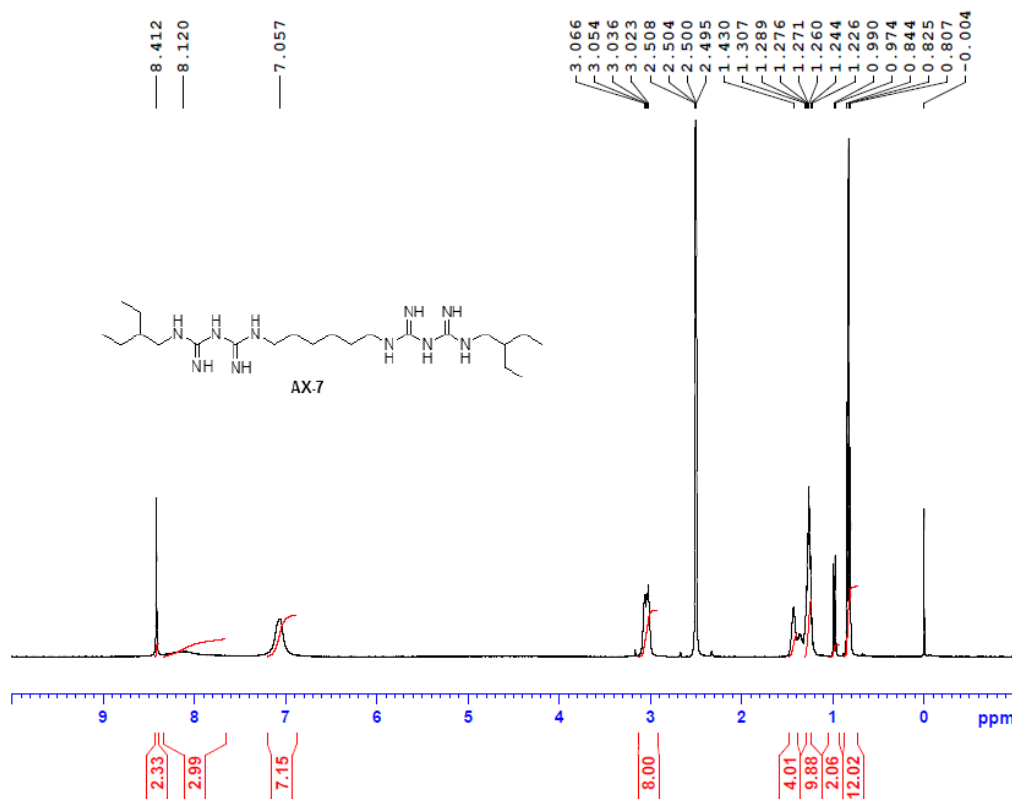


1 PDA Multi 1 / 235nm,4nm

Peak Table

Peak#	Ret. Time (min)	RRT	Height	Area	Area%	Name
1	11.279	0.746	1120	4802	0.049	
2	11.888	0.786	1199	7413	0.076	
3	12.305	0.814	524	2009	0.021	
4	13.245	0.876	928	4464	0.046	
5	13.583	0.899	1019	9289	0.095	
6	14.958	0.990	2676	16497	0.168	
7	15.116	1.000	1201337	9563353	97.638	AX-5
8	15.455	1.022	7399	35587	0.363	
9	15.562	1.030	14640	98431	1.005	
10	16.076	1.063	4924	39364	0.402	
11	18.277	1.209	444	5089	0.052	
12	18.650	1.234	444	6624	0.068	
13	20.545	1.359	162	1819	0.019	
Total			1236817	9794742	100.000	

AX-7 ¹H NMR spectrum



```

Current Data Parameters
NAME      A011800485-AB0118012713
EXPNO    1
PROCNO   1

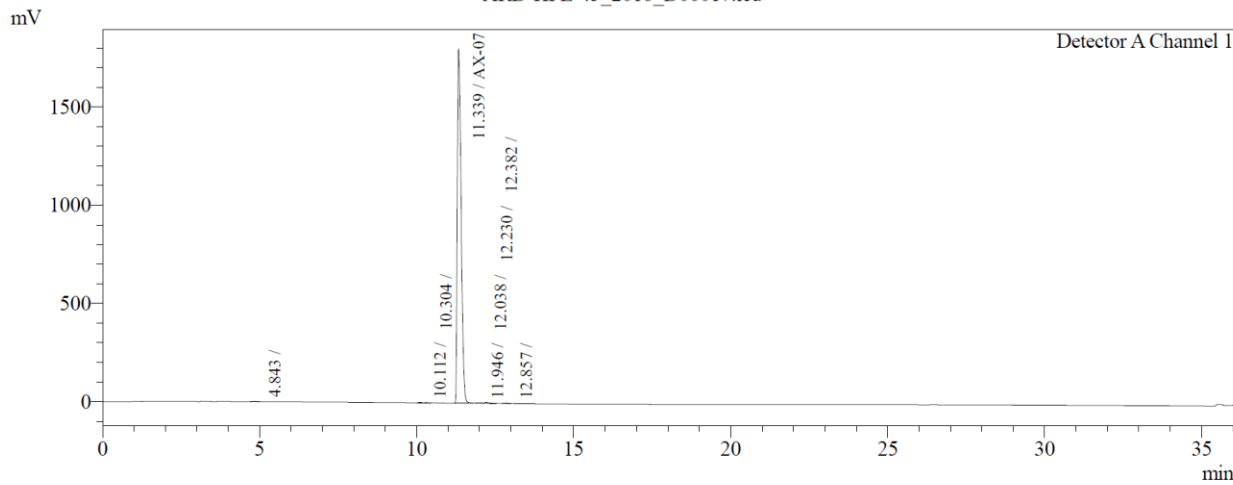
F2 - Acquisition Parameters
Date_    20180309
Time     11.04
INSTRUM  spect
PROBHD   5 mm DUL 13C-1
PULPROG  zg30
ID       65536
SOLVENT  DMSO
NS       16
DS       2
SWH      8012.800 Hz
FIDRES   0.122266 Hz
AQ       4.0894465 sec
RG       195.48
DM       62.400 usec
DE       6.50 usec
TE       294.2 K
D1       1.00000000 sec
TD       1

===== CHANNEL f1 =====
SFO1    400.1324710 MHz
NUC1     1H
P1      14.75 usec
PLW1    11.00000000 W

F2 - Processing parameters
SI      65536
SF      400.1300071 MHz
WDW     EM
SSB     0
LB      0.30 Hz
GB      0
PC      1.00
    
```

AX-7 HPLC spectrum

ARD-HPL-45_2018_D00017.lcd

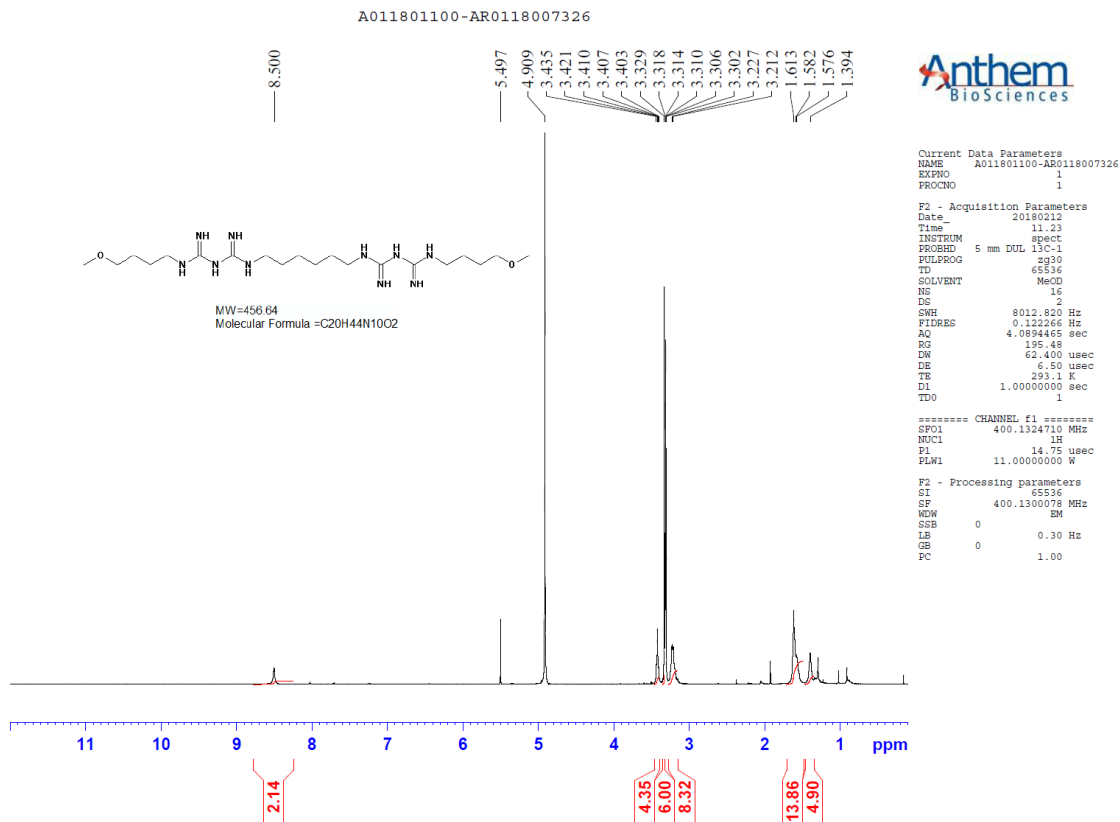


1 Detector A Channel 1 / 235nm

Peak Table

Peak#	Ret. Time (min)	RRT	Height	Area	Area%	Name
1	4.843	0.427	661	5048	0.032	
2	10.112	0.892	2885	15470	0.099	
3	10.304	0.909	1135	6206	0.040	
4	11.339	1.000	1800147	15587356	99.397	AX-07
5	11.946	1.054	1889	11184	0.071	
6	12.038	1.062	928	3519	0.022	
7	12.230	1.079	4869	28603	0.182	
8	12.382	1.092	1170	6326	0.040	
9	12.857	1.134	2731	18231	0.116	
Total			1816415	15681942	100.000	

AX-10 ¹H NMR spectrum



AX-10 HPLC spectrum

