Supplementary Materials

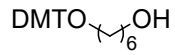
DNA Triplex-Formation by a Covalent Conjugate of the Anti-cancer Drug Temozolomide

Andrew J. Walsh and William Fraser *

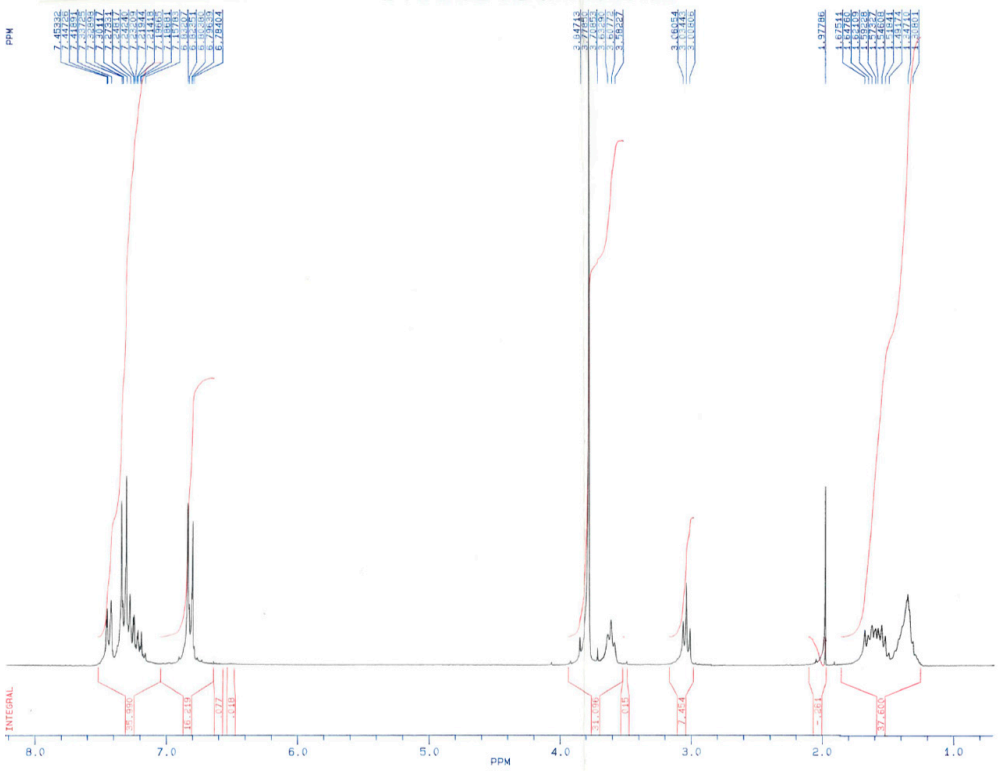
College of Health and Life Sciences, Aston University, Aston Triangle, Birmingham, B4 7ET, United Kingdom
* Email: w.fraser@aston.ac.uk

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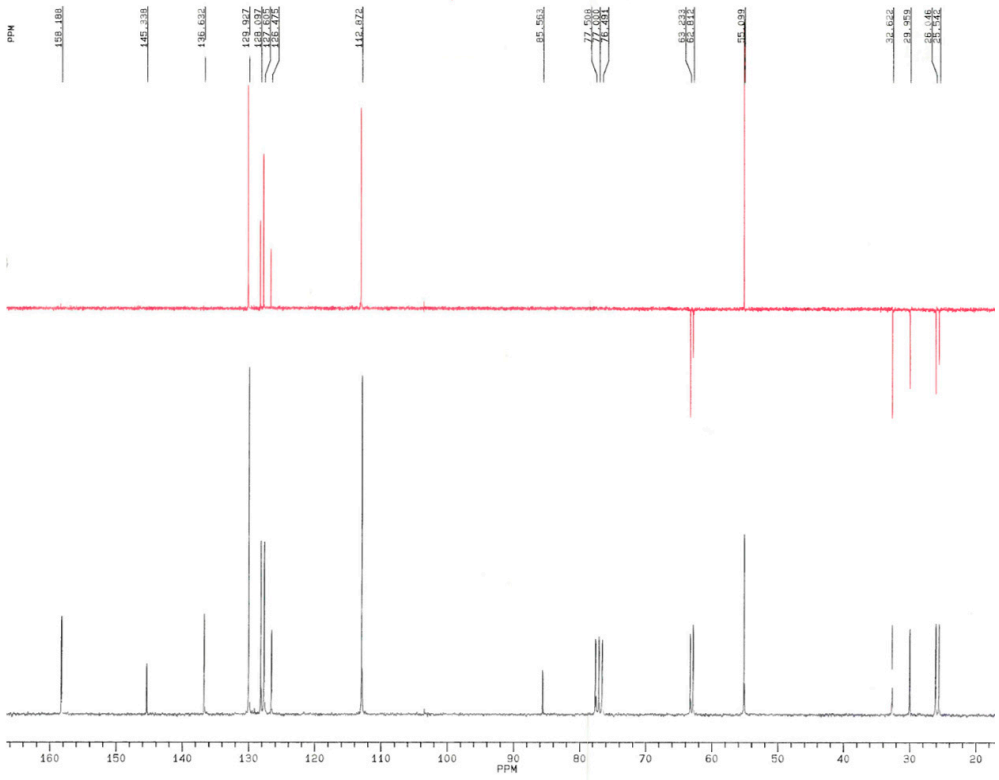
6-[Bis(4-ethoxyphenyl)-phenyl-methoxy]hexan-1-ol (**10**): ^{1}H NMR S2
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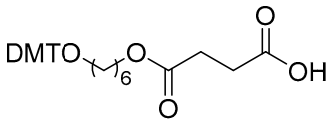


Compound (**10**): ^{1}H NMR (250.1 MHz, $CDCl_3$)

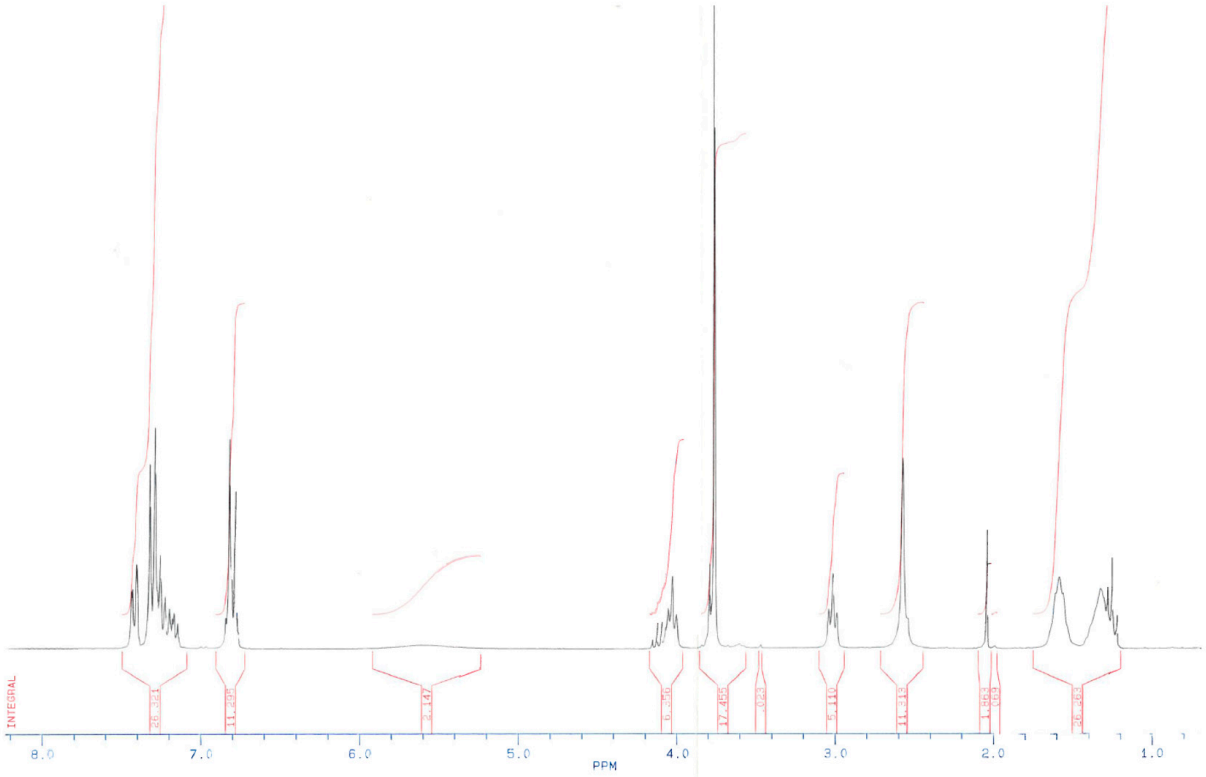


Compound (**10**): ^{13}C NMR (62.9 MHz, $CDCl_3$)

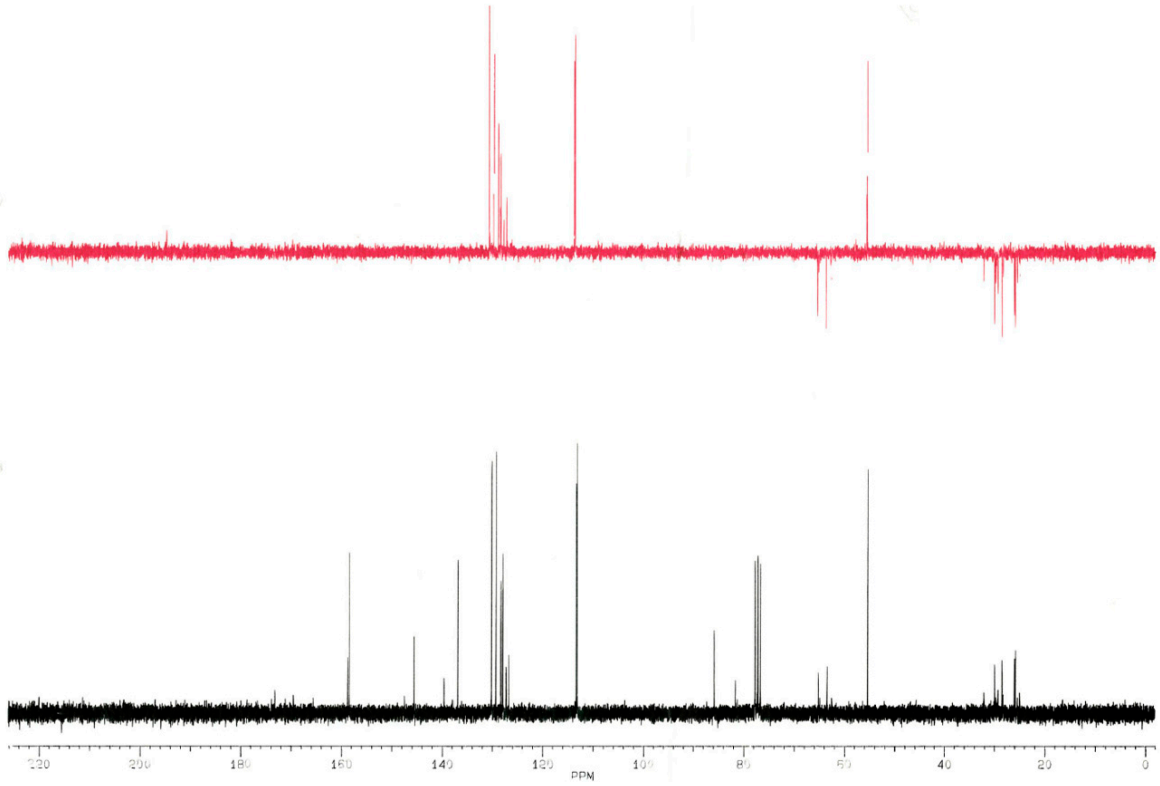


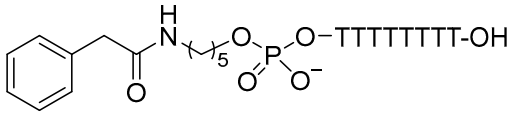


Compound (**11**): ^{1}H NMR (250.1 MHz, $CDCl_3$)

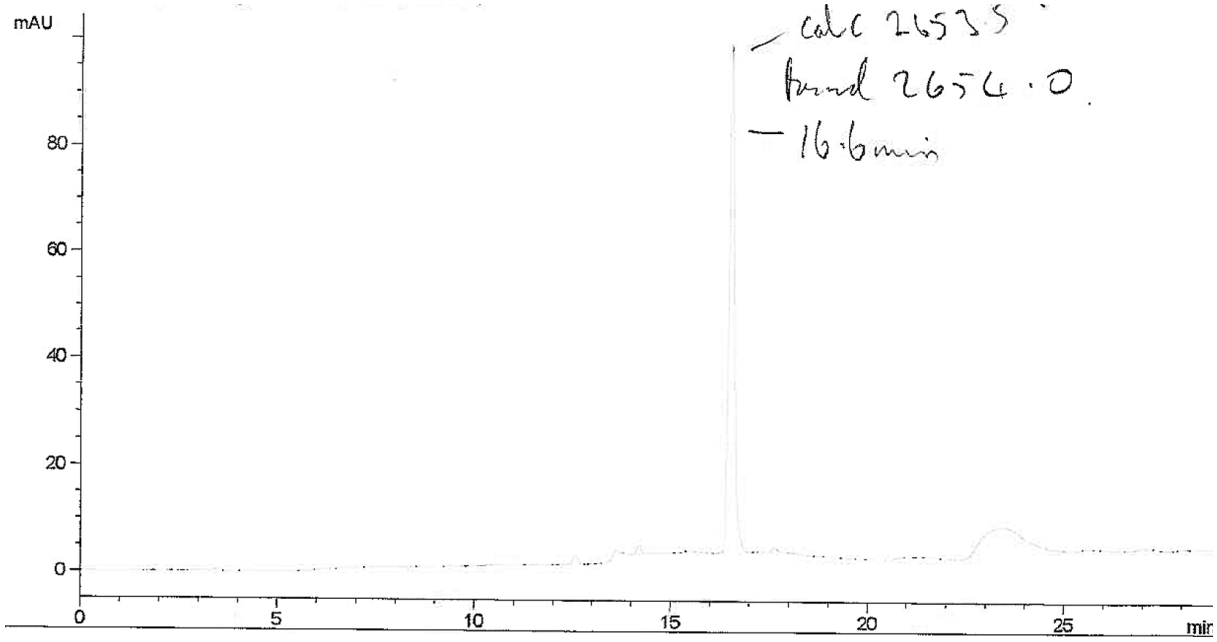


Compound (**11**): ^{13}C NMR (62.9 MHz, $CDCl_3$)

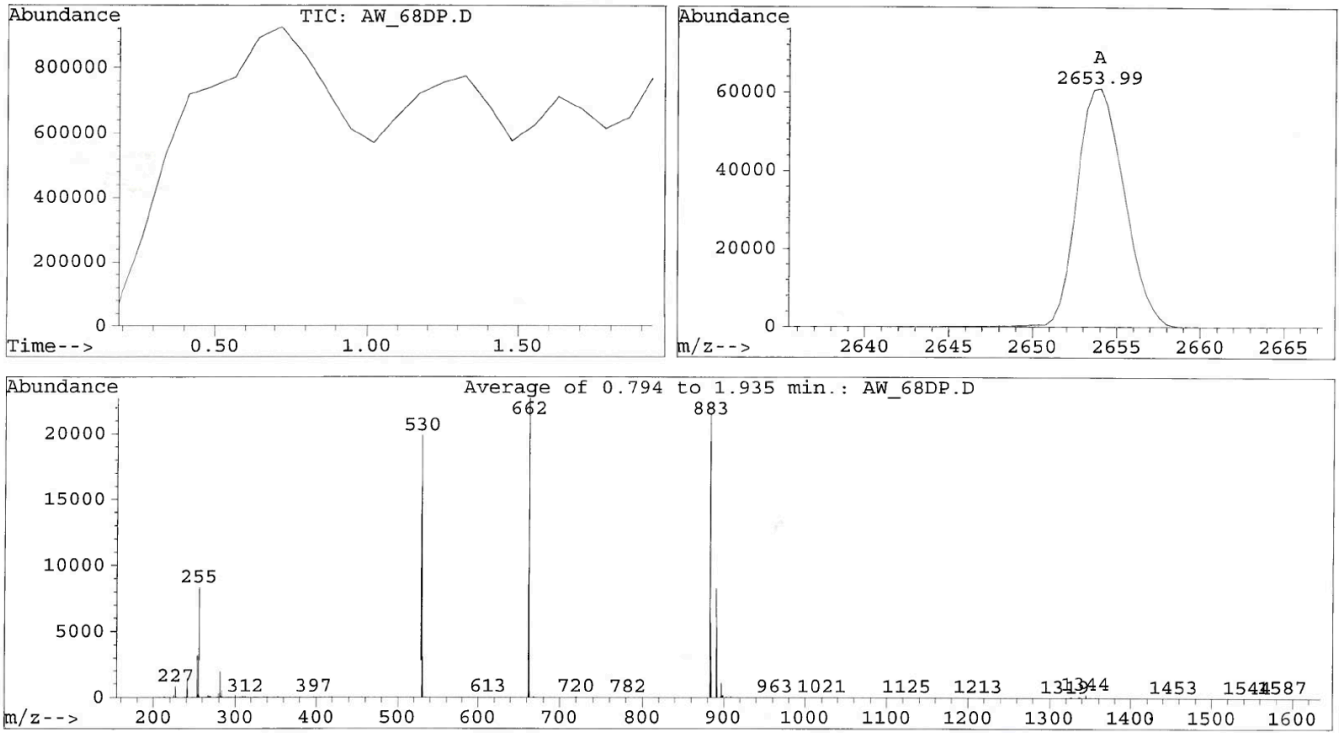


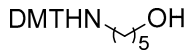


Oligonucleotide (**19**): HPLC chromatograph

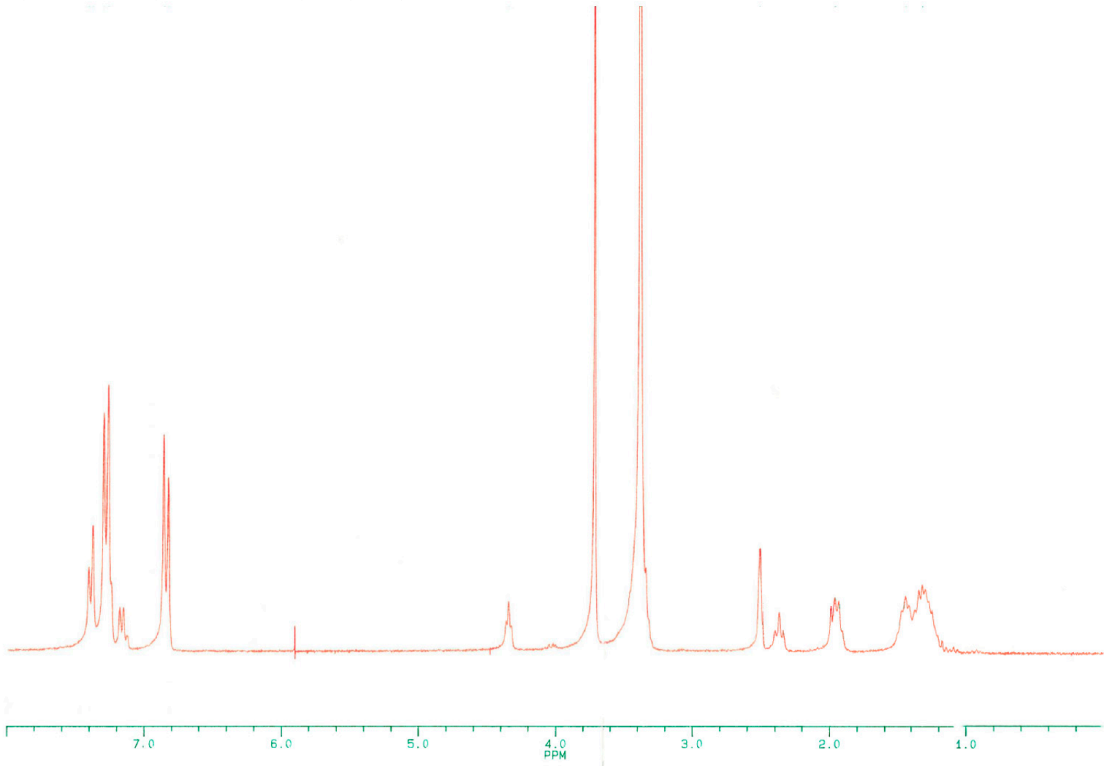


Oligonucleotide (**19**): ESMS

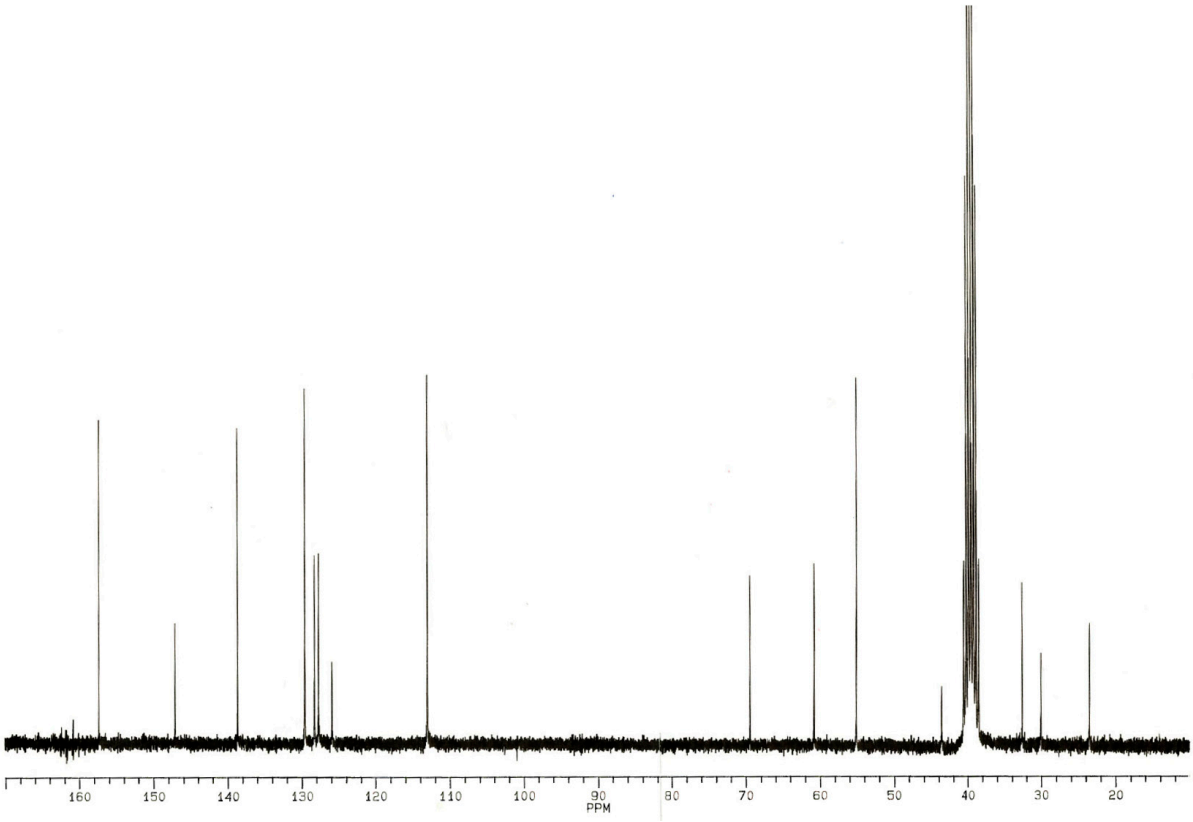


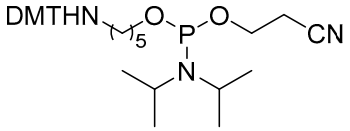


Compound (**20**): ^{1}H NMR (250.1 MHz, $(CD_3)_2SO$)

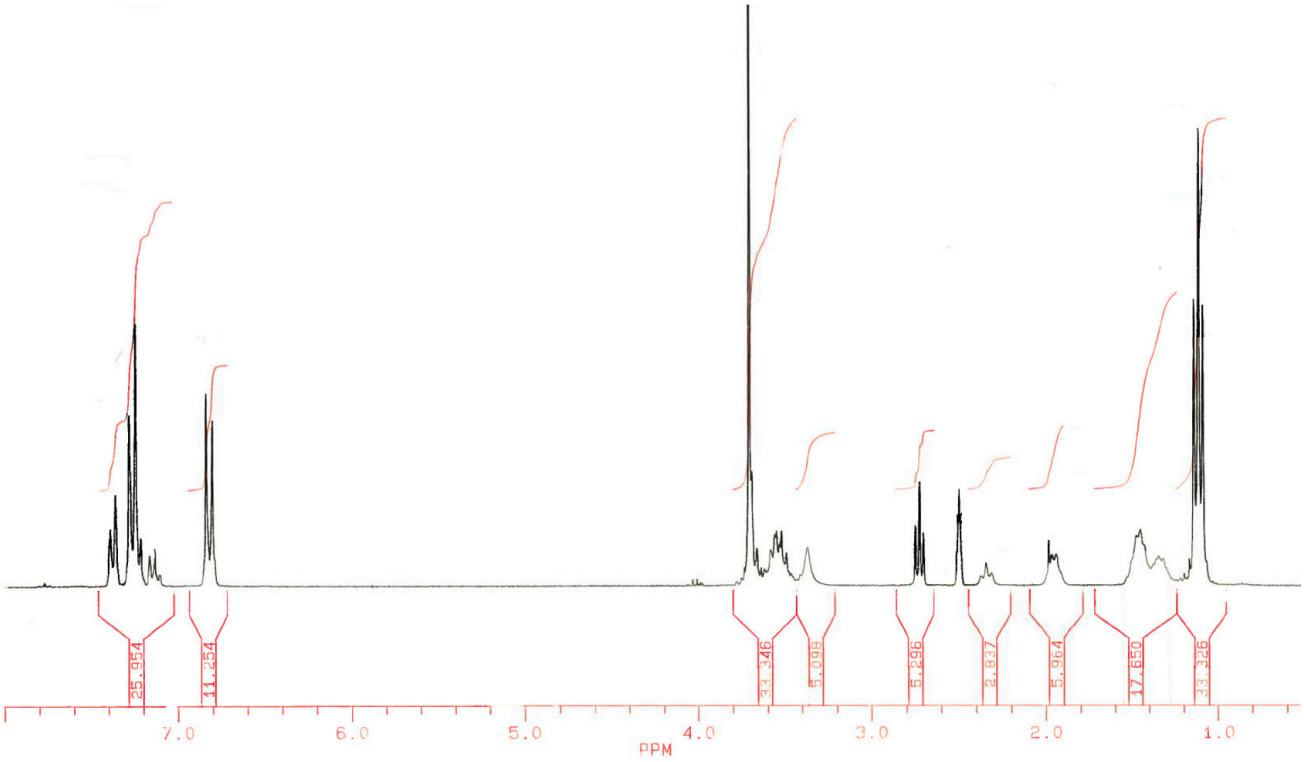


Compound (**20**): ^{13}C NMR (62.9 MHz, $(CD_3)_2SO$)

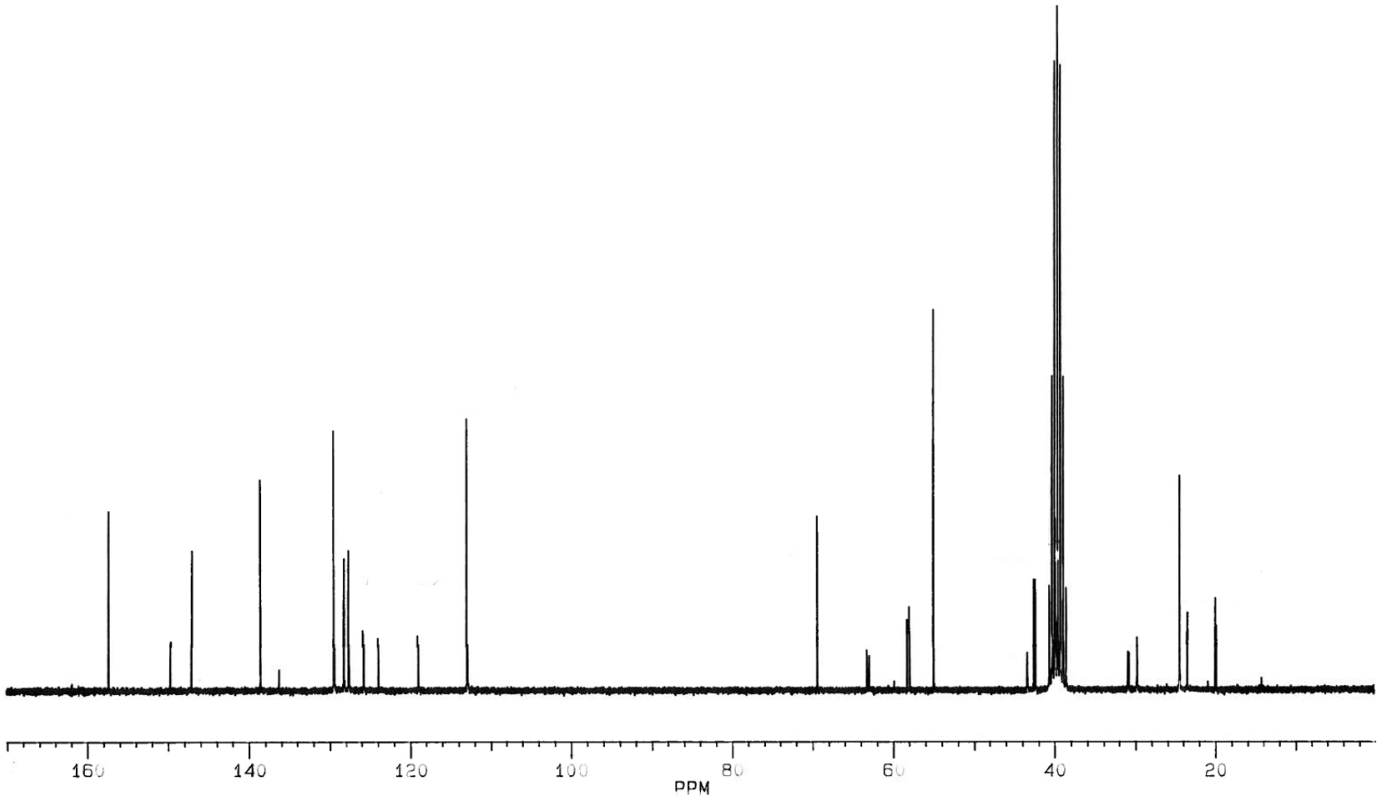


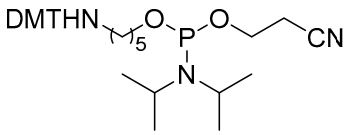


Compound (**21**): ^{1}H NMR (250.1 MHz, $(CD_3)_2SO$)

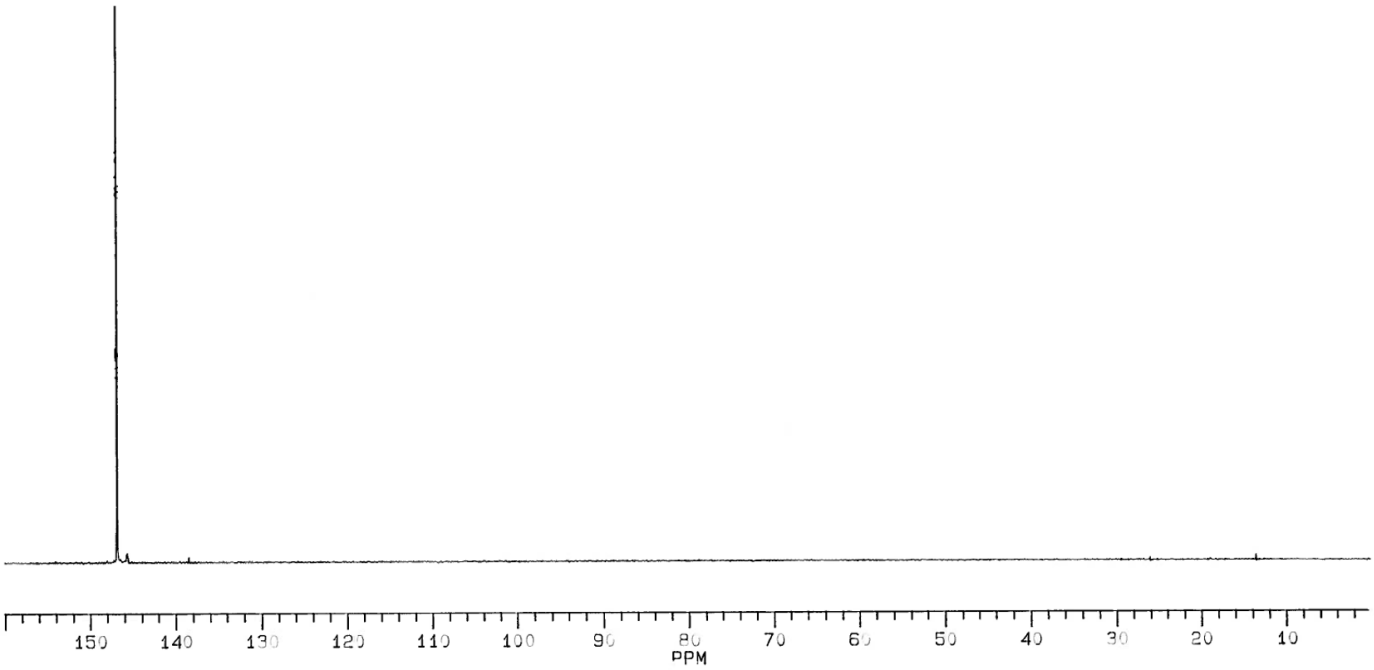


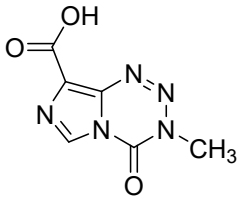
Compound (**21**): ^{13}C NMR (62.9 MHz, $(CD_3)_2SO$)



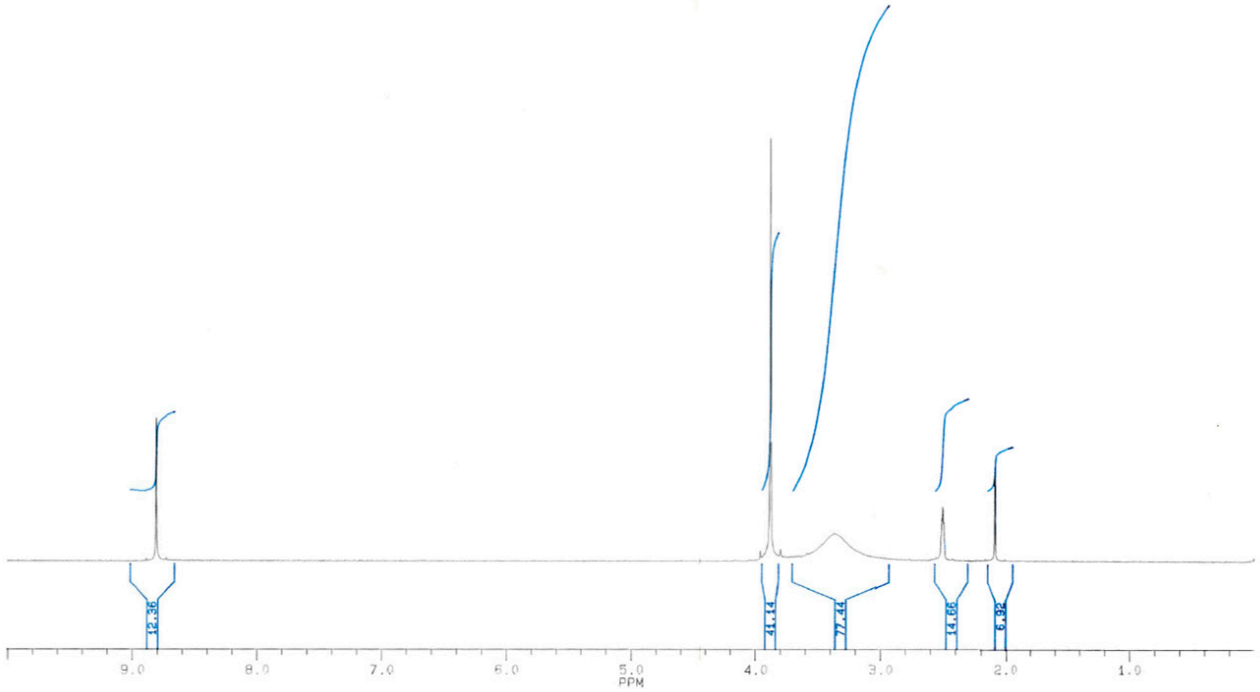


Compound (**21**): ^{31}P NMR (101.3 MHz, $(CD_3)_2SO$)

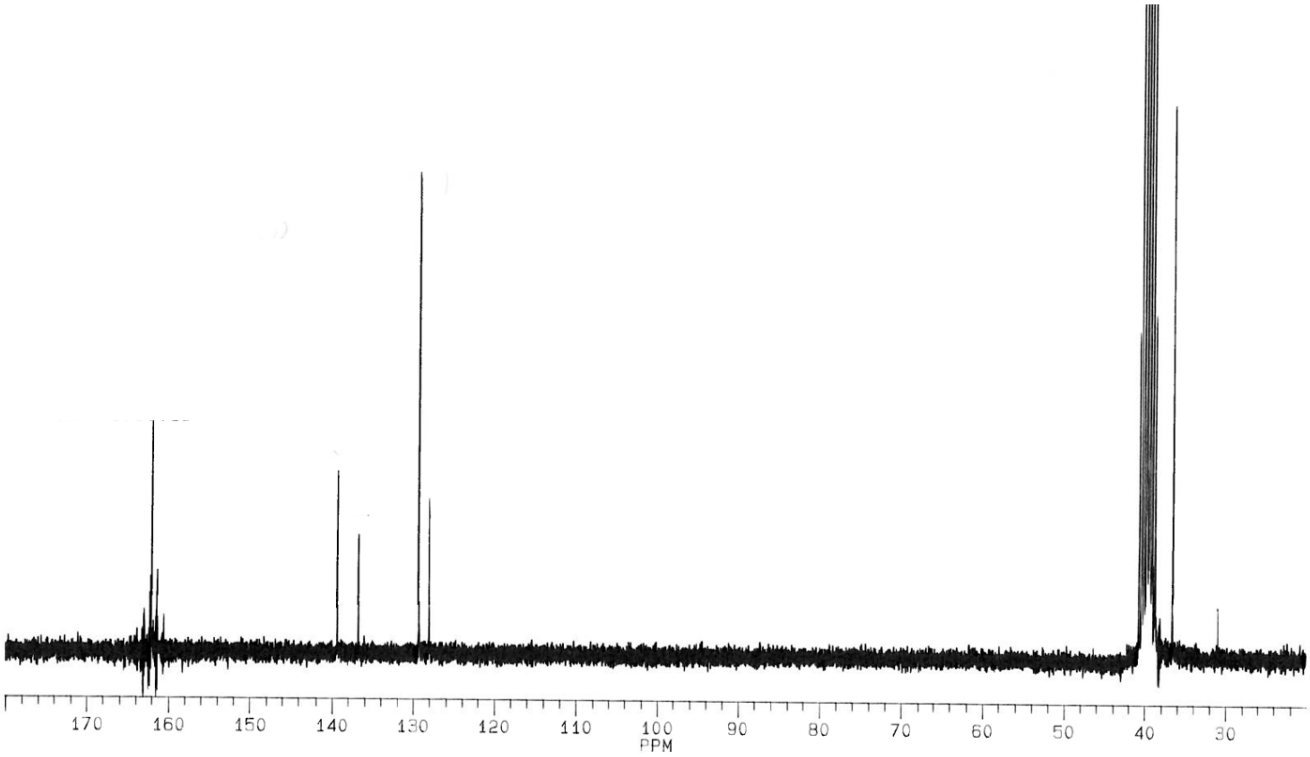


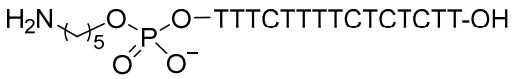


Compound (**22**): ^{1}H NMR (250.1 MHz, $(CD_3)_2SO$)

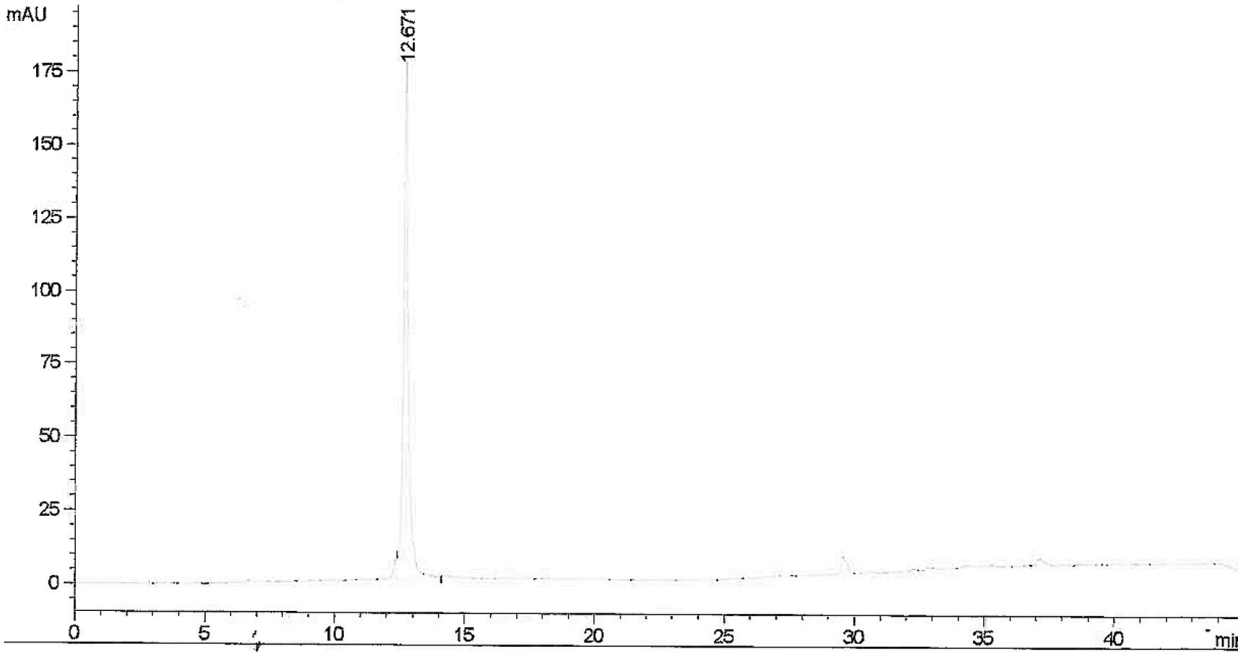


Compound (**22**): ^{13}C NMR (62.9 MHz, $(CD_3)_2SO$)

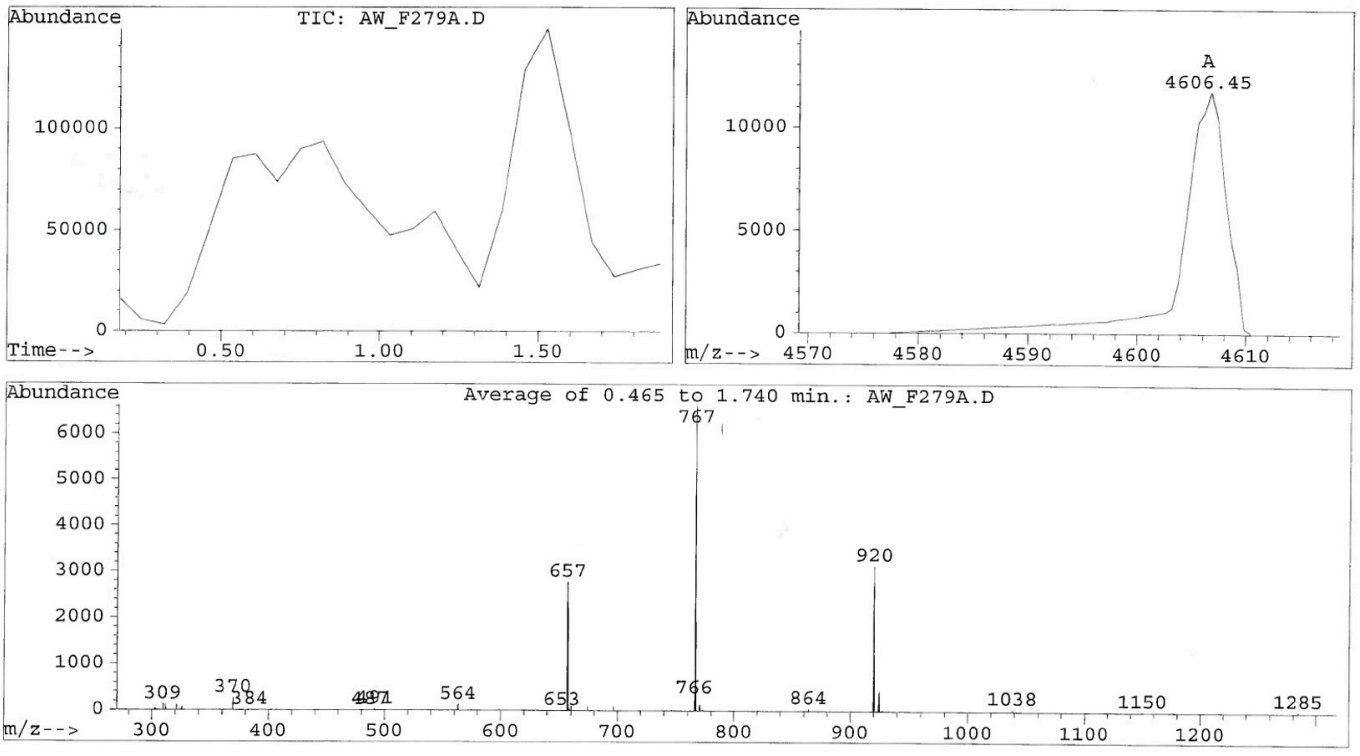


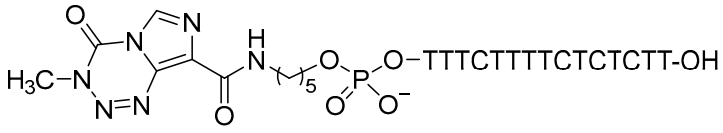


Oligonucleotide (**24**): HPLC chromatograph

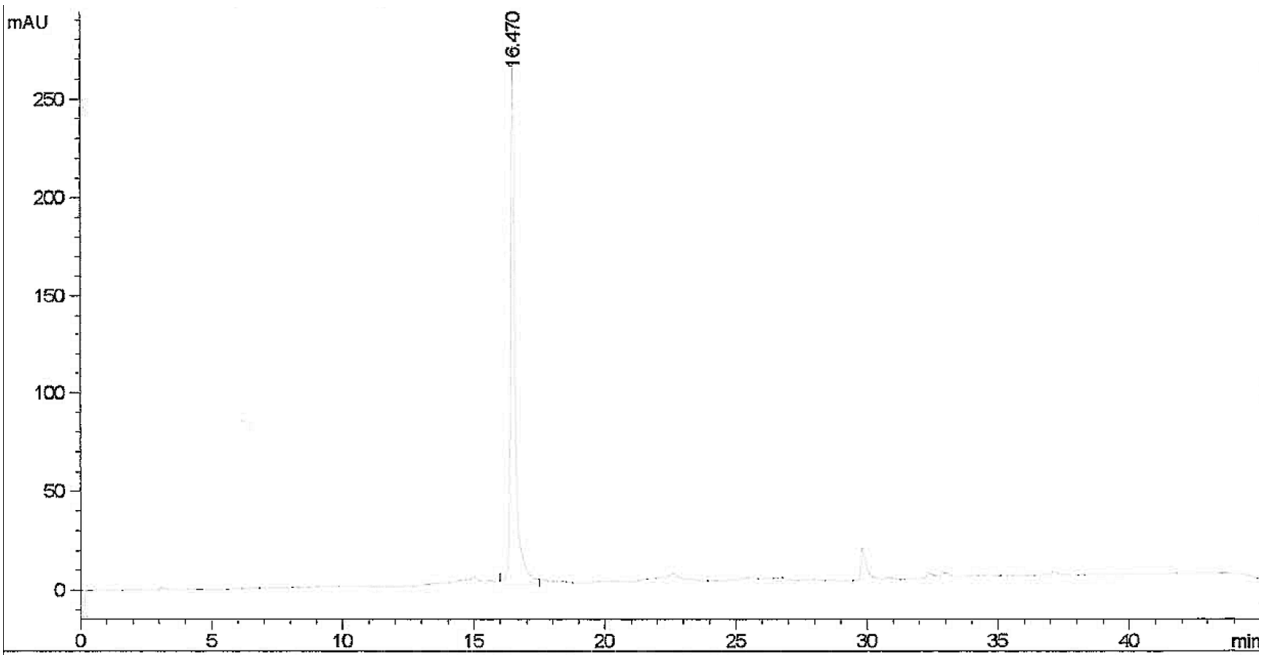


Oligonucleotide (**24**): ESMS

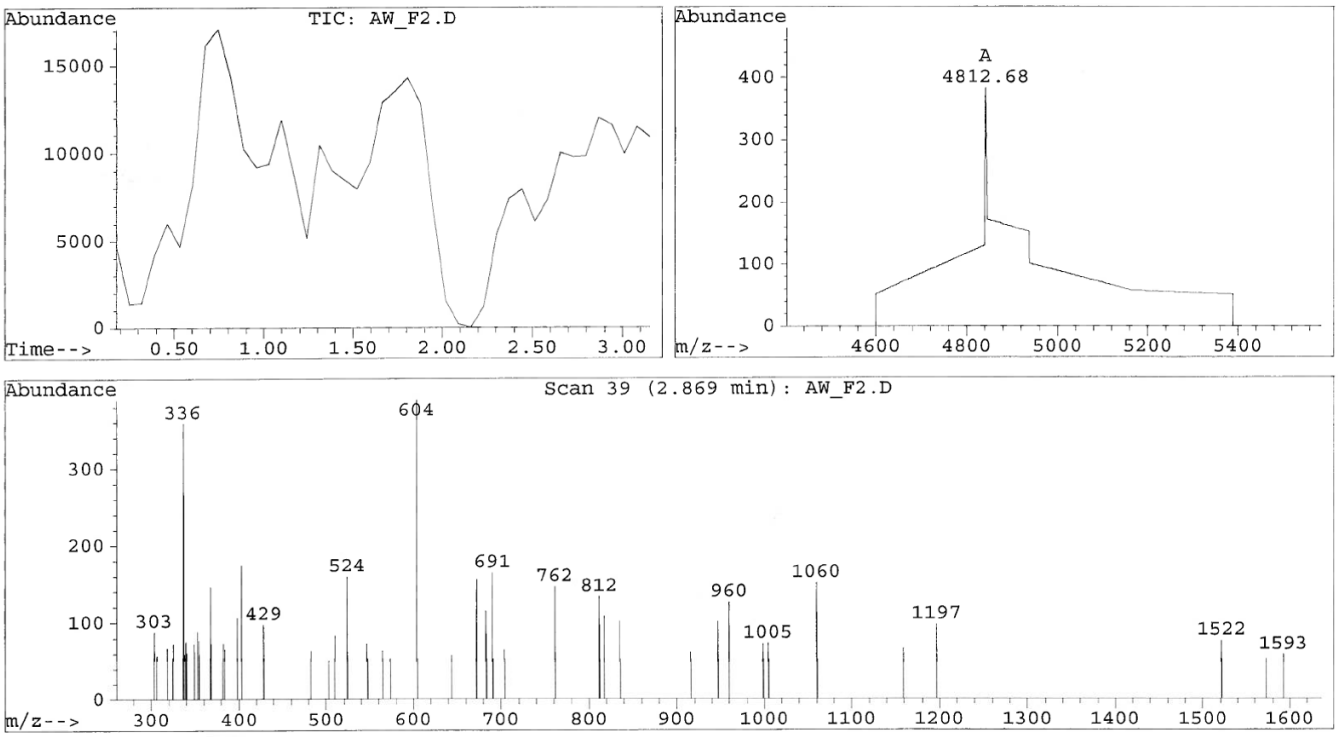




Oligonucleotide (**26**): HPLC chromatograph



Oligonucleotide (**26**): ESMS



DNA triplexes **26*28.27** and **29*28.27** variable temperature UV melting curves

