

Supplementary Information

Propargylated purine deoxynucleosides: new tools for fluorescence imaging strategies

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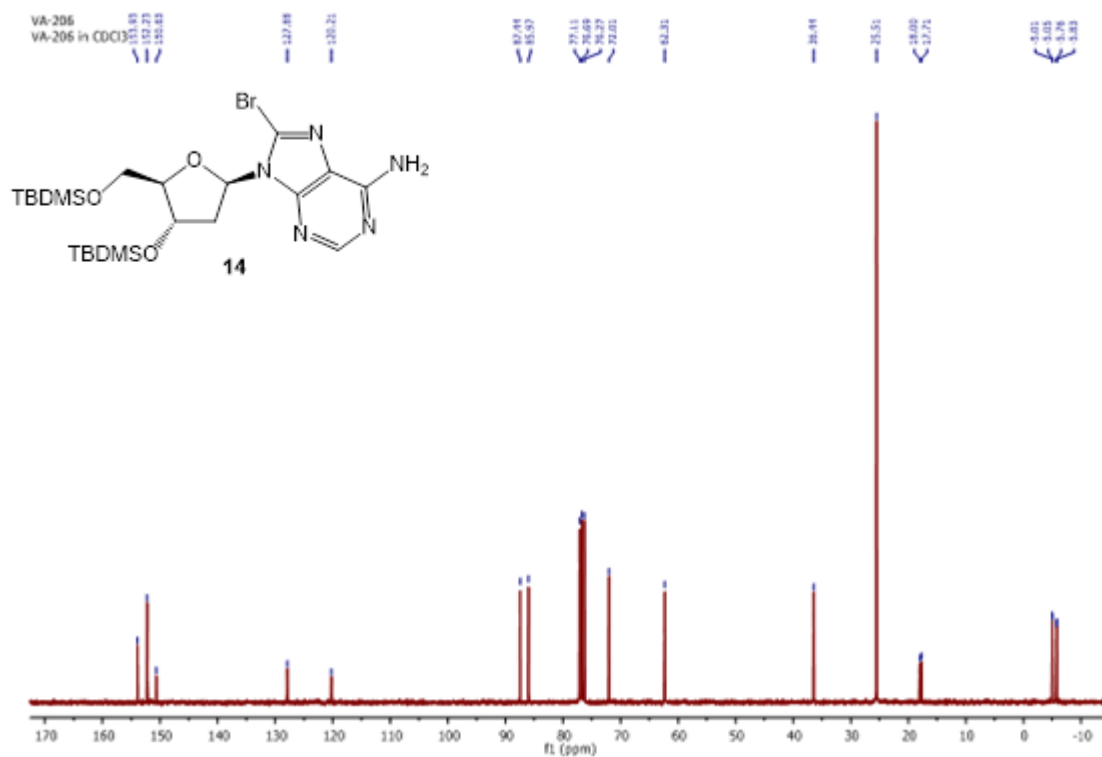
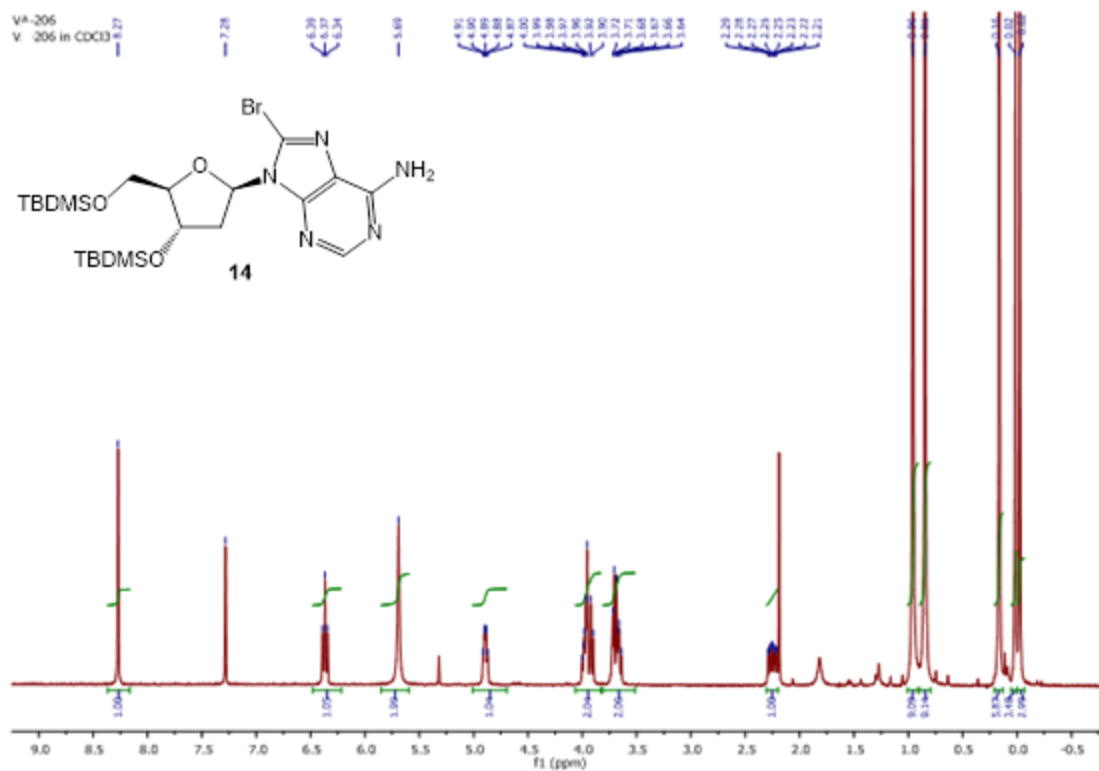
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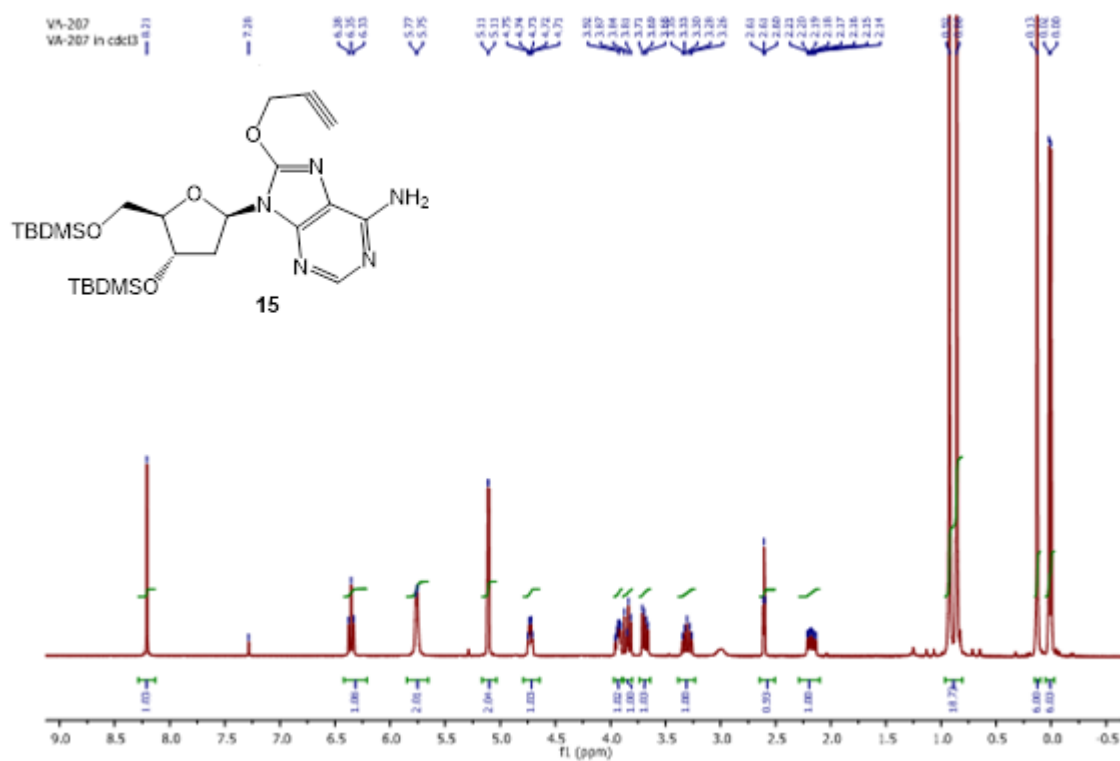
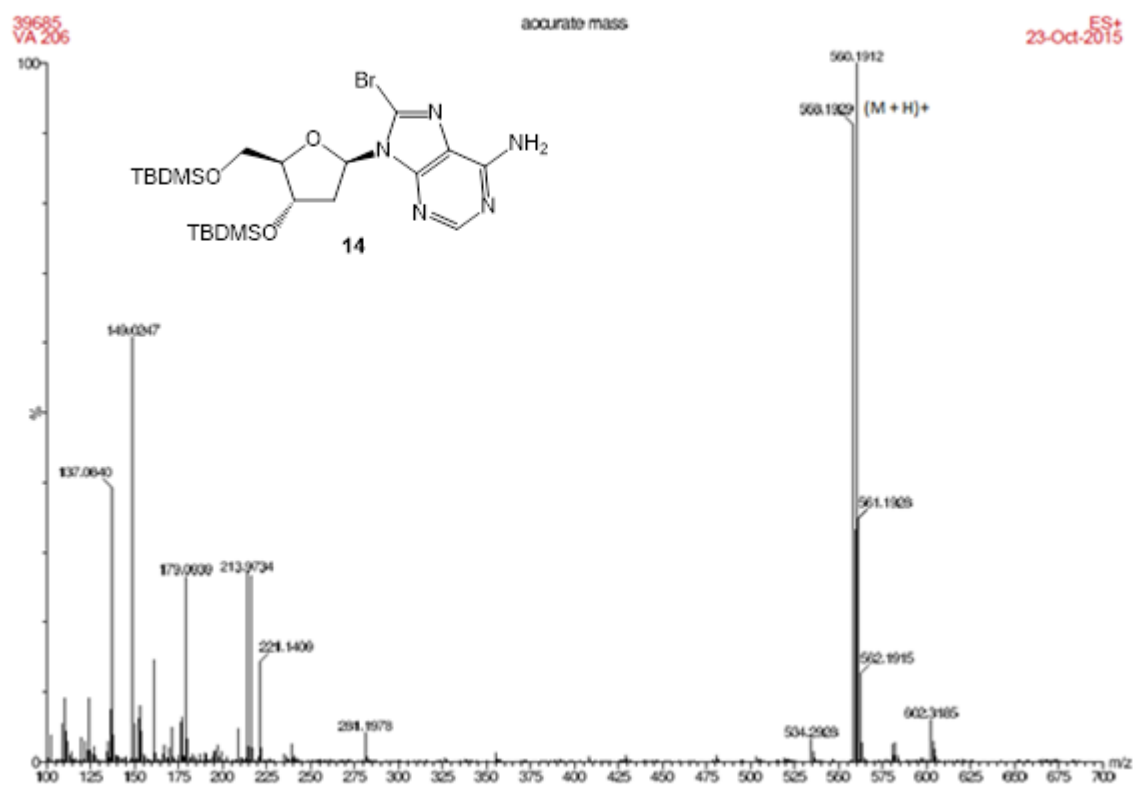
² Laboratory for Molecular Virology and Gene Therapy, Dept. of Pharmaceutical and Pharmacological Sciences, KU Leuven, Kapucijnenvoer 33, 3000 Leuven, Belgium; flore.dewit@kuleuven.be, zeger.debyser@kuleuven.be

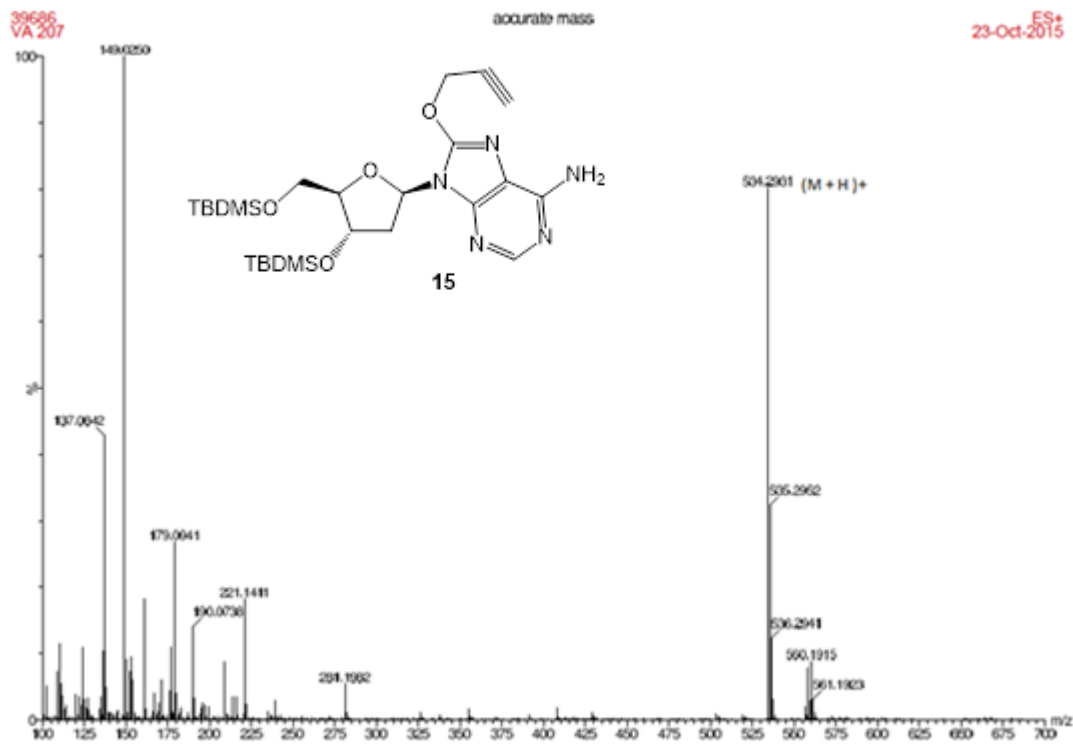
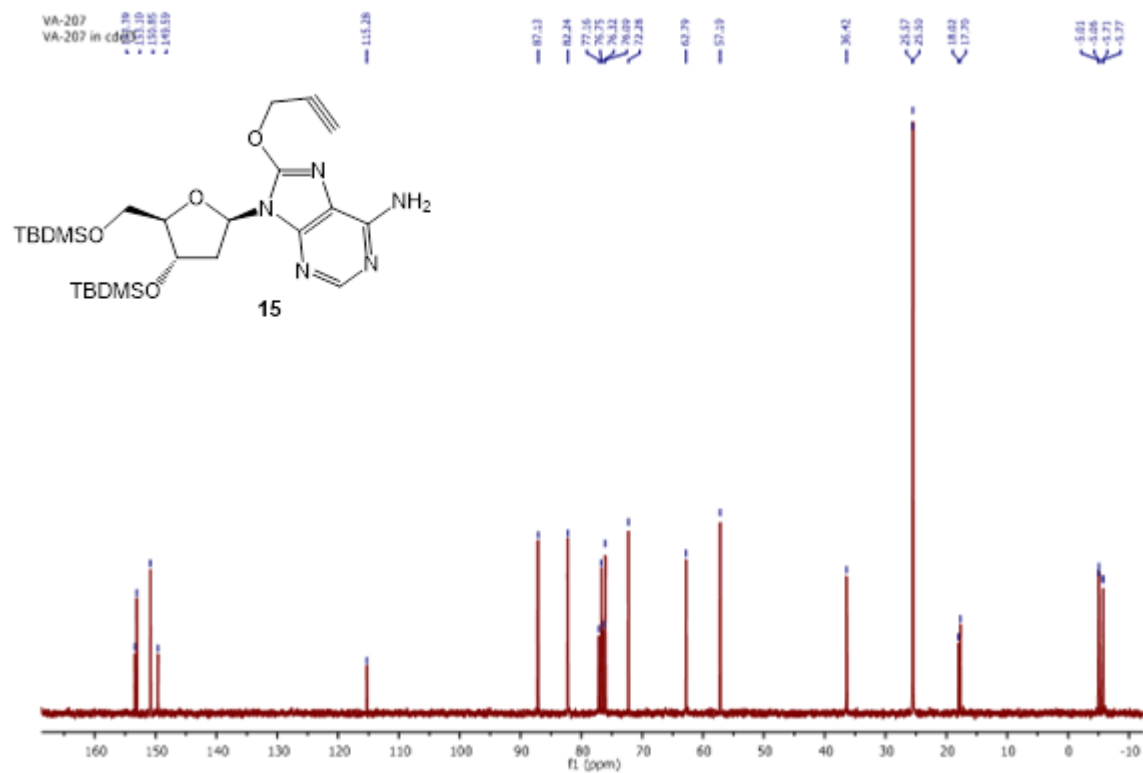
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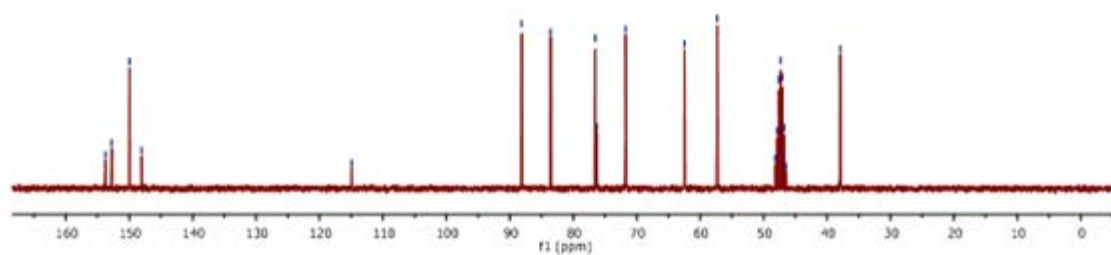
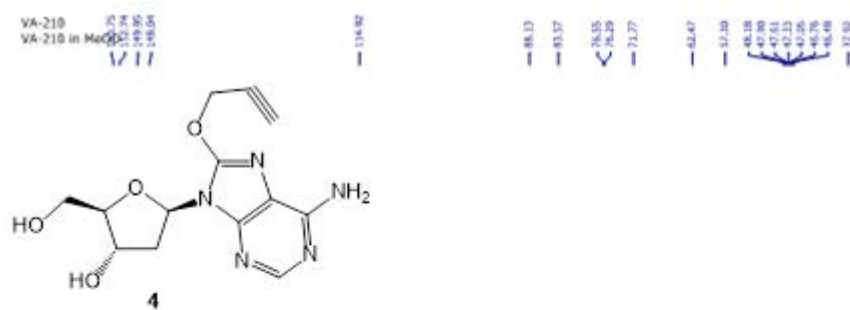
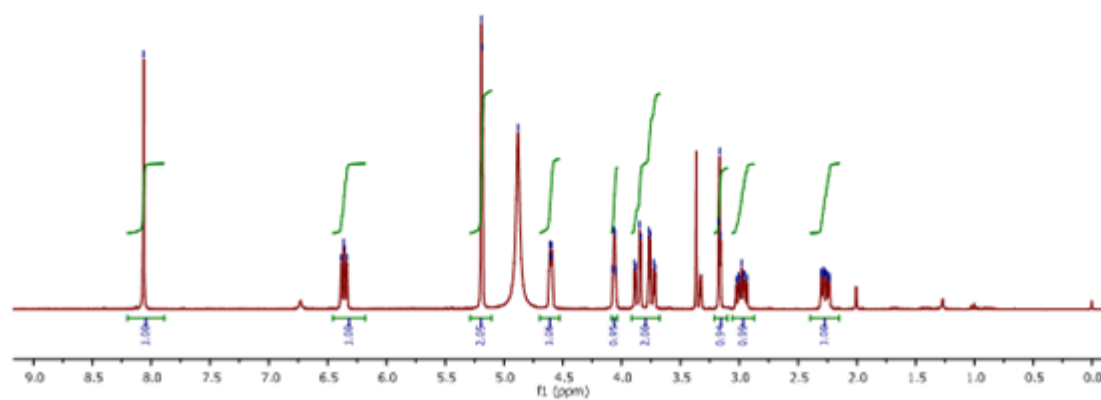
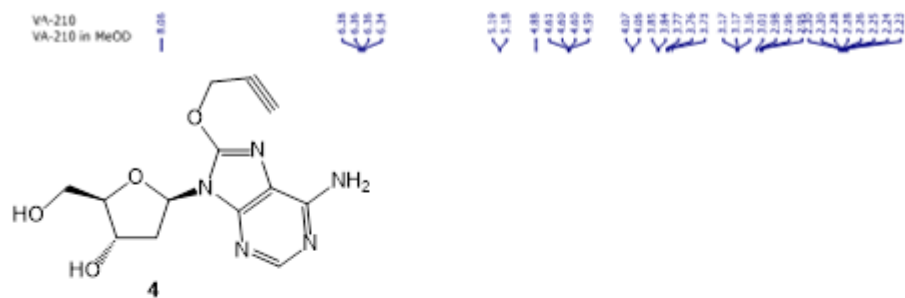
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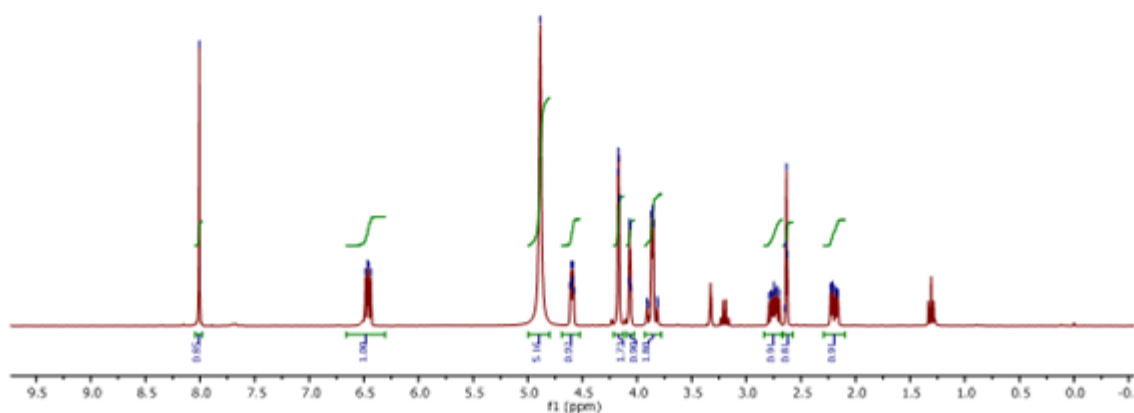
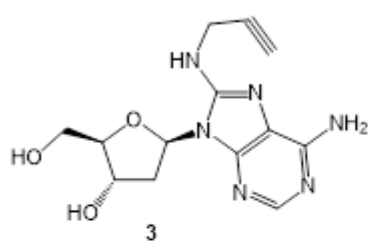




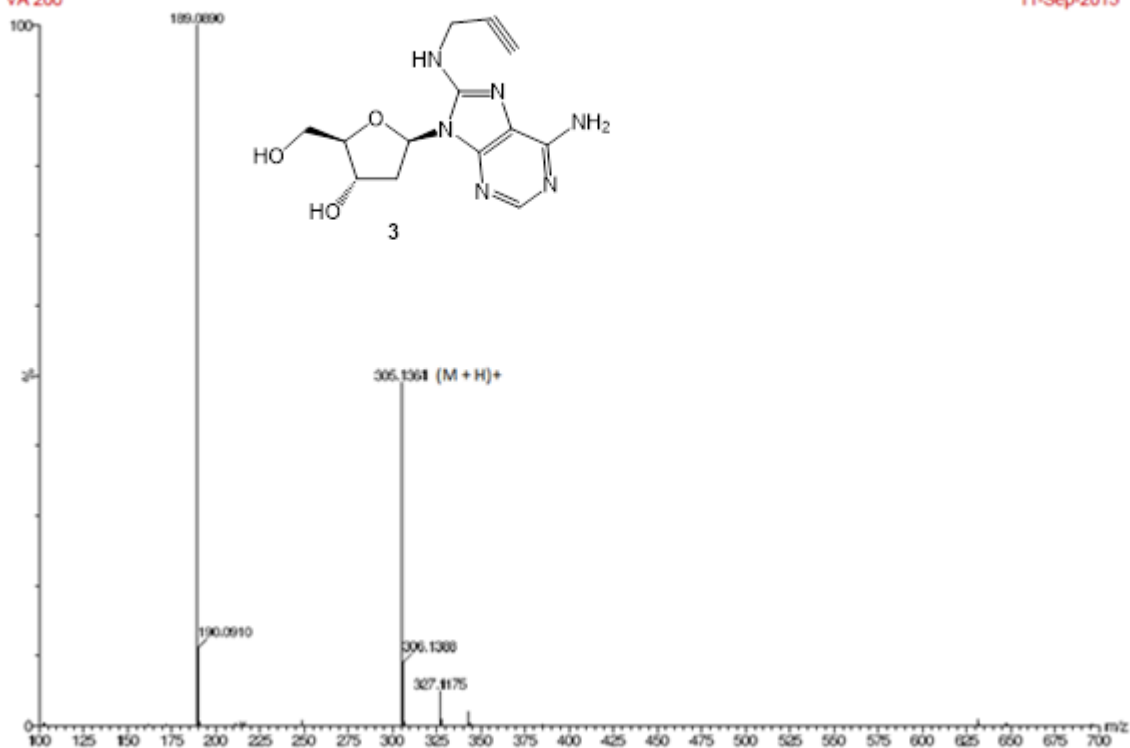




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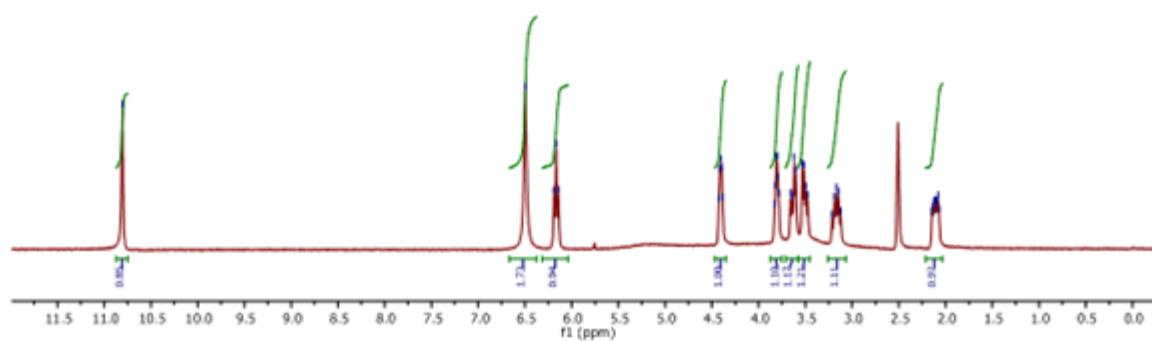
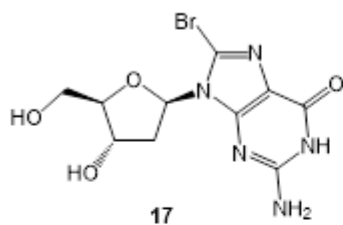
ES+
11-Sep-2015



VA-241.1.fid
VA-241 in DMSO

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6.14

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2.07



VA-241
VA-241 in DMSO

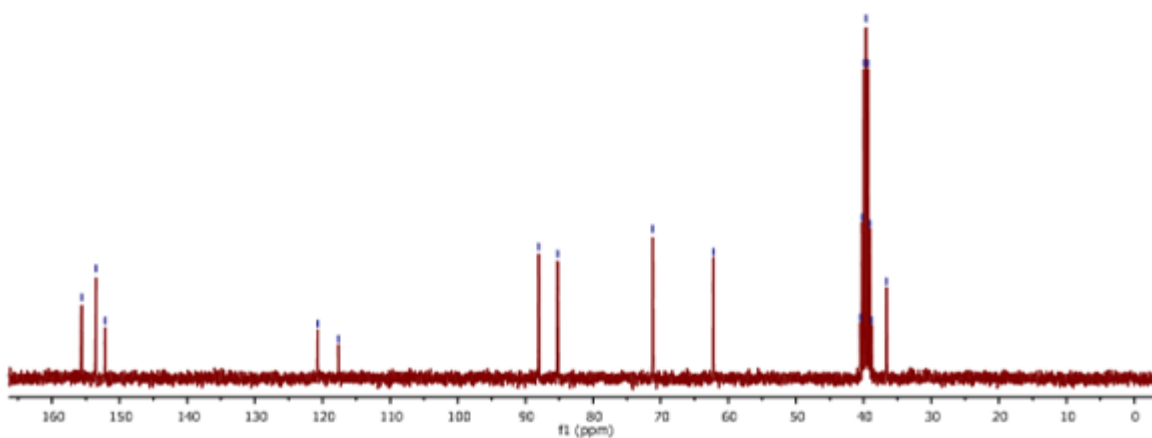
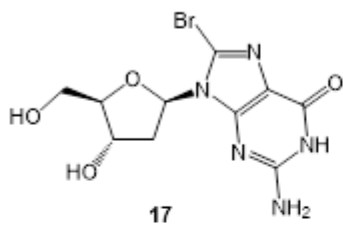
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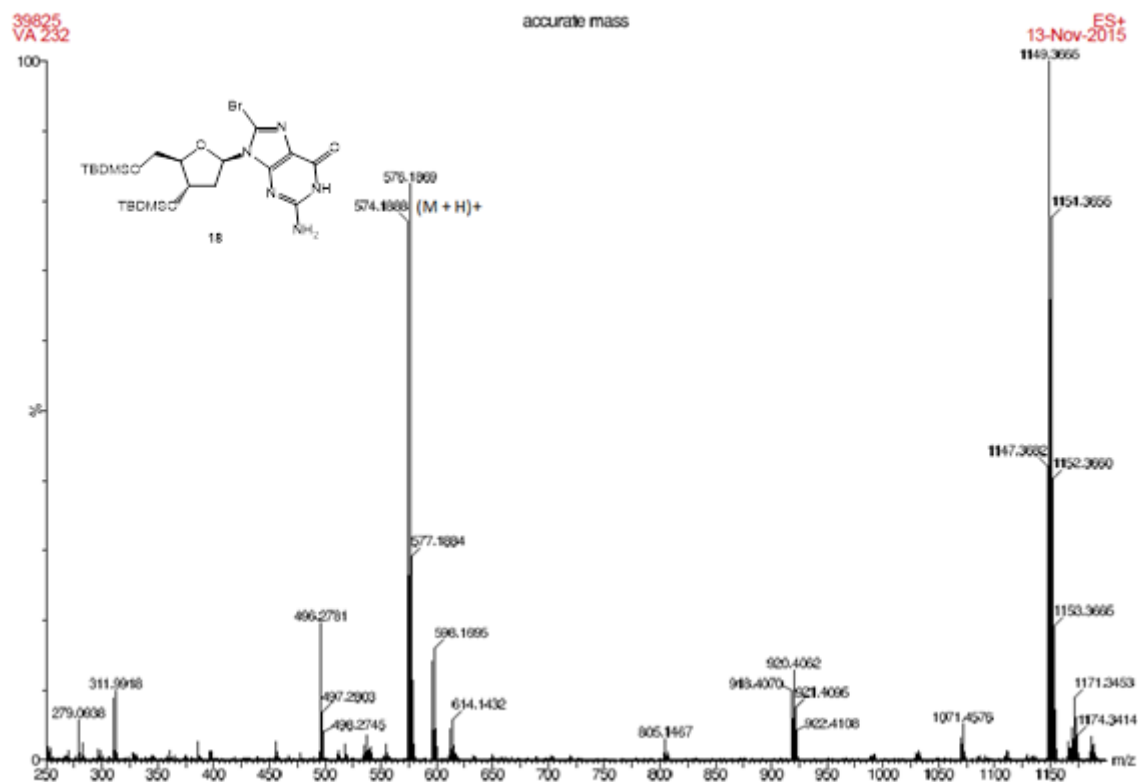
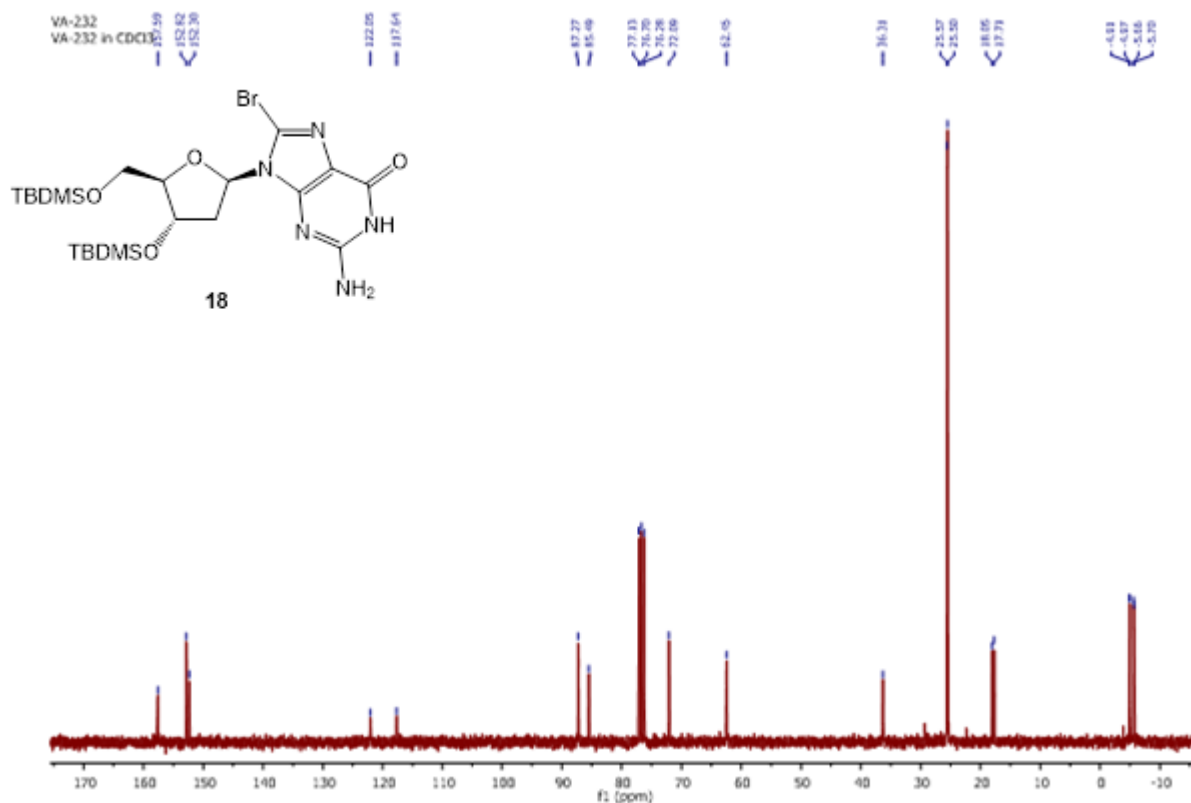
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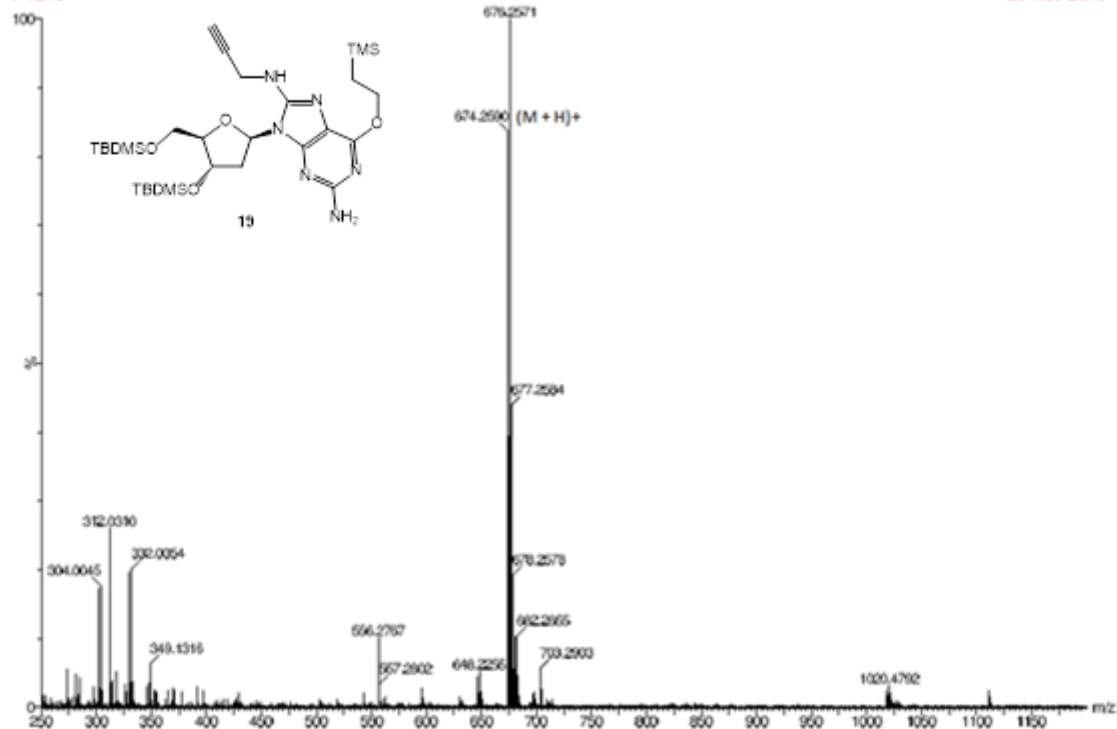




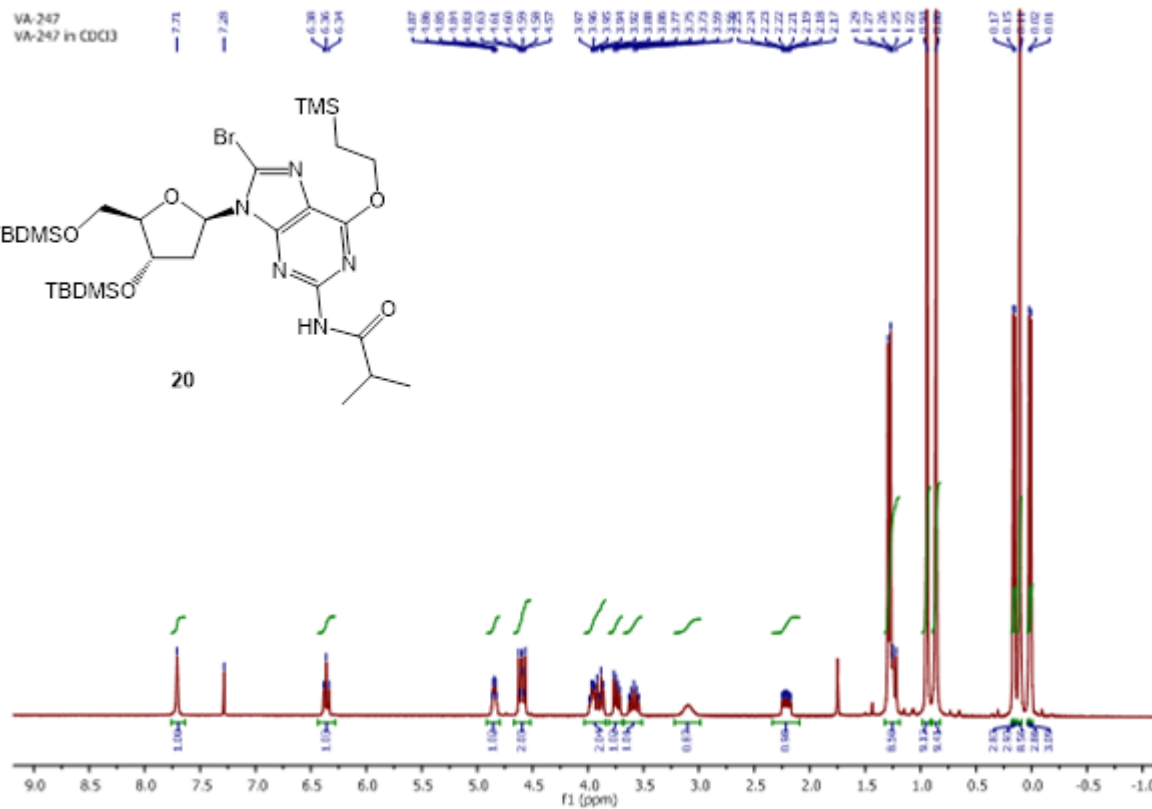
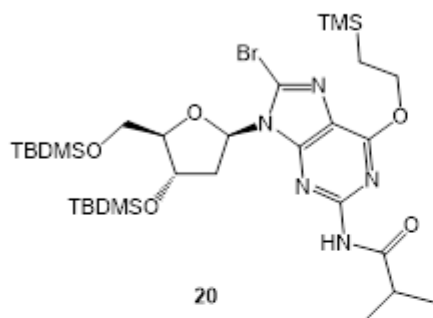
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VA 243

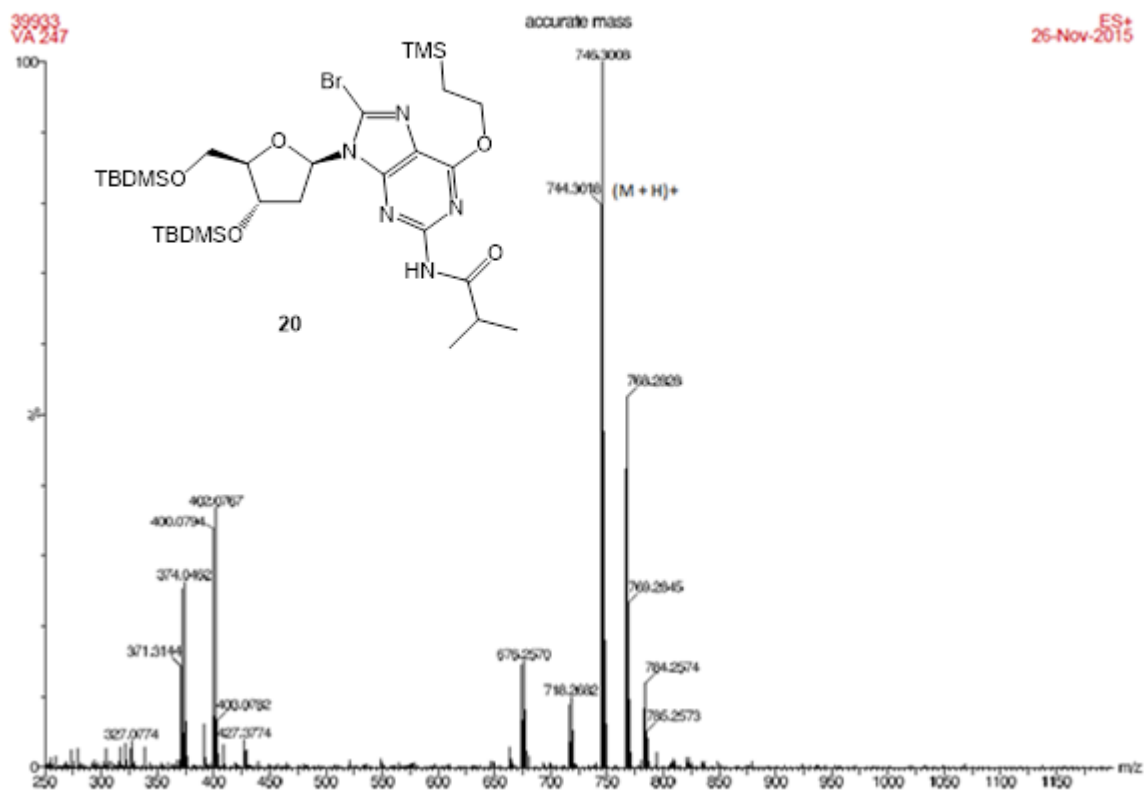
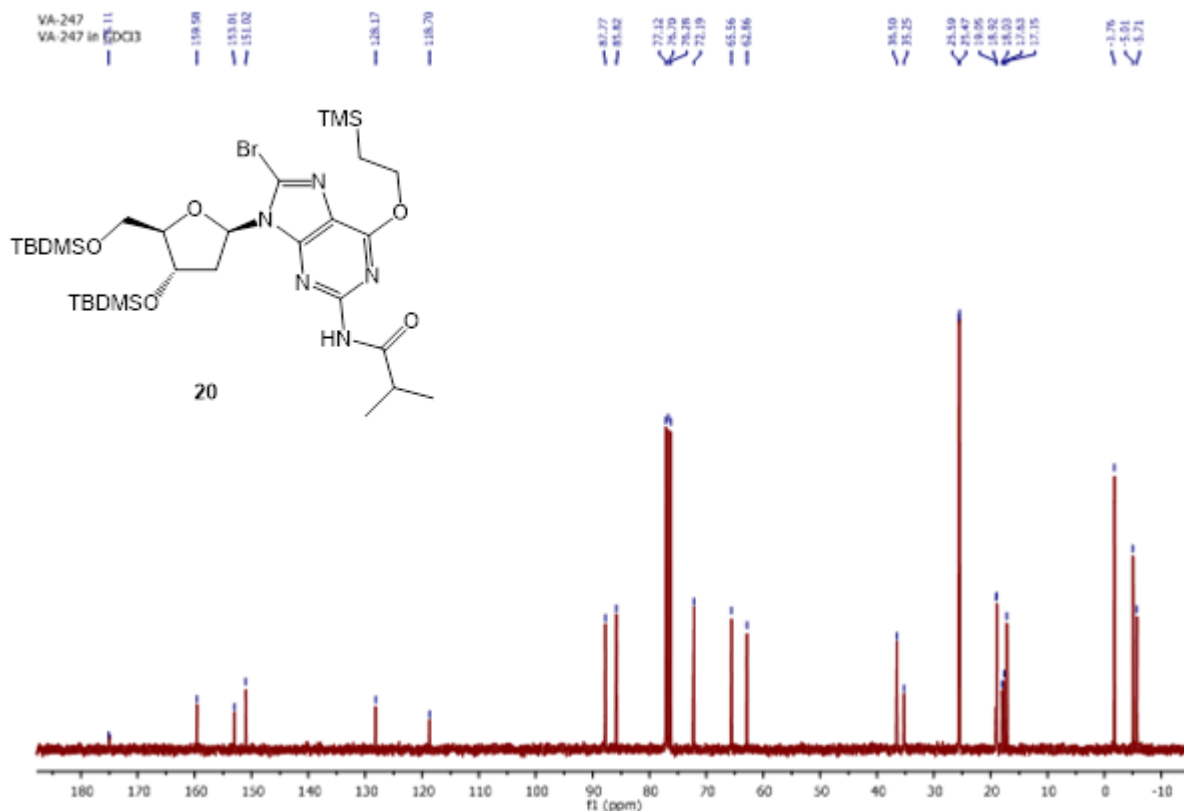
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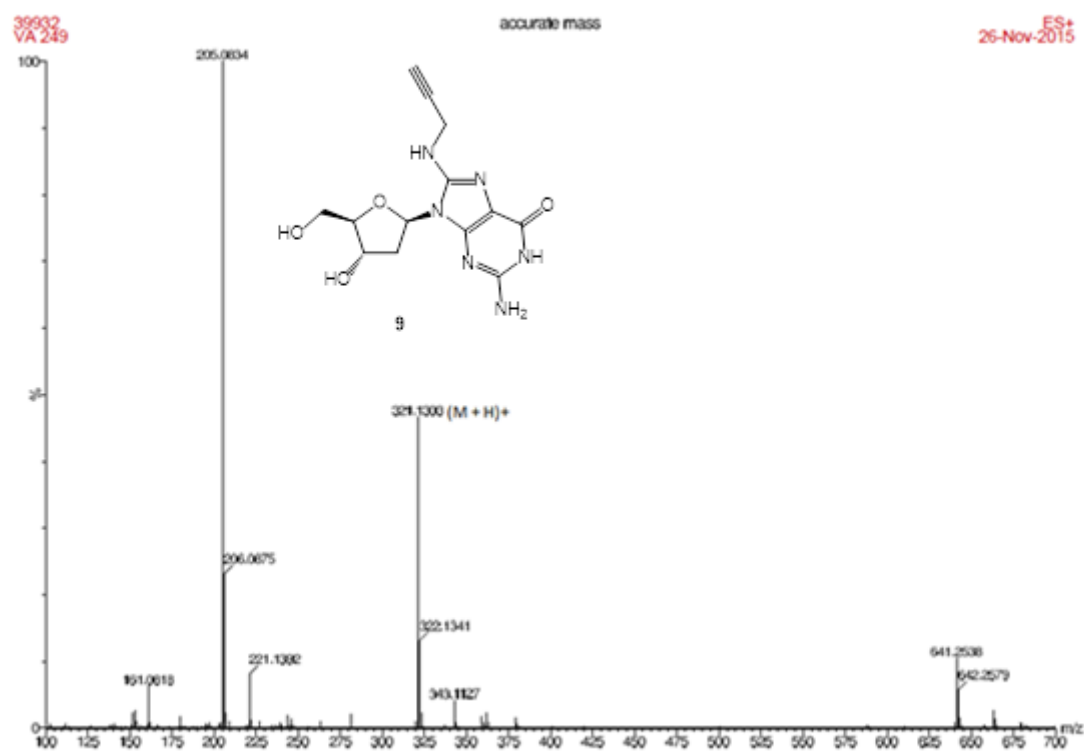
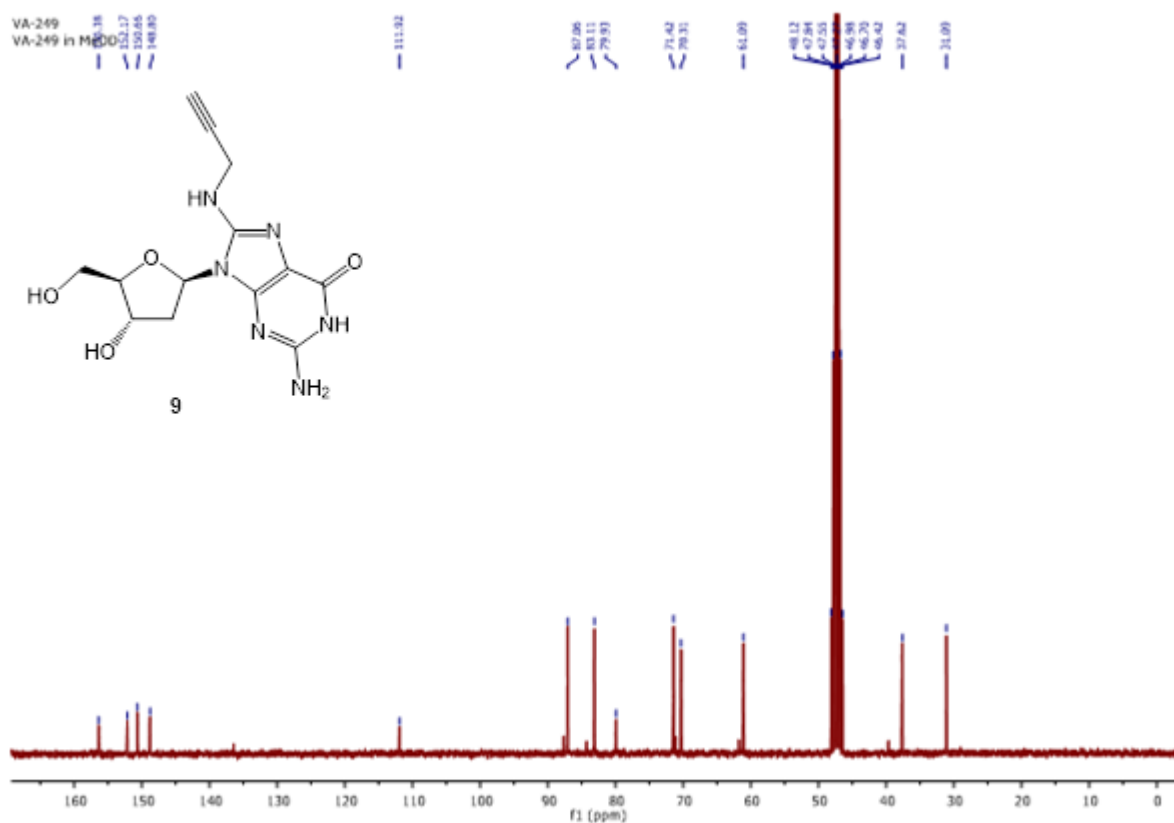
ES+
26-Nov-2015



VA-247
VA-247 in CDCl3



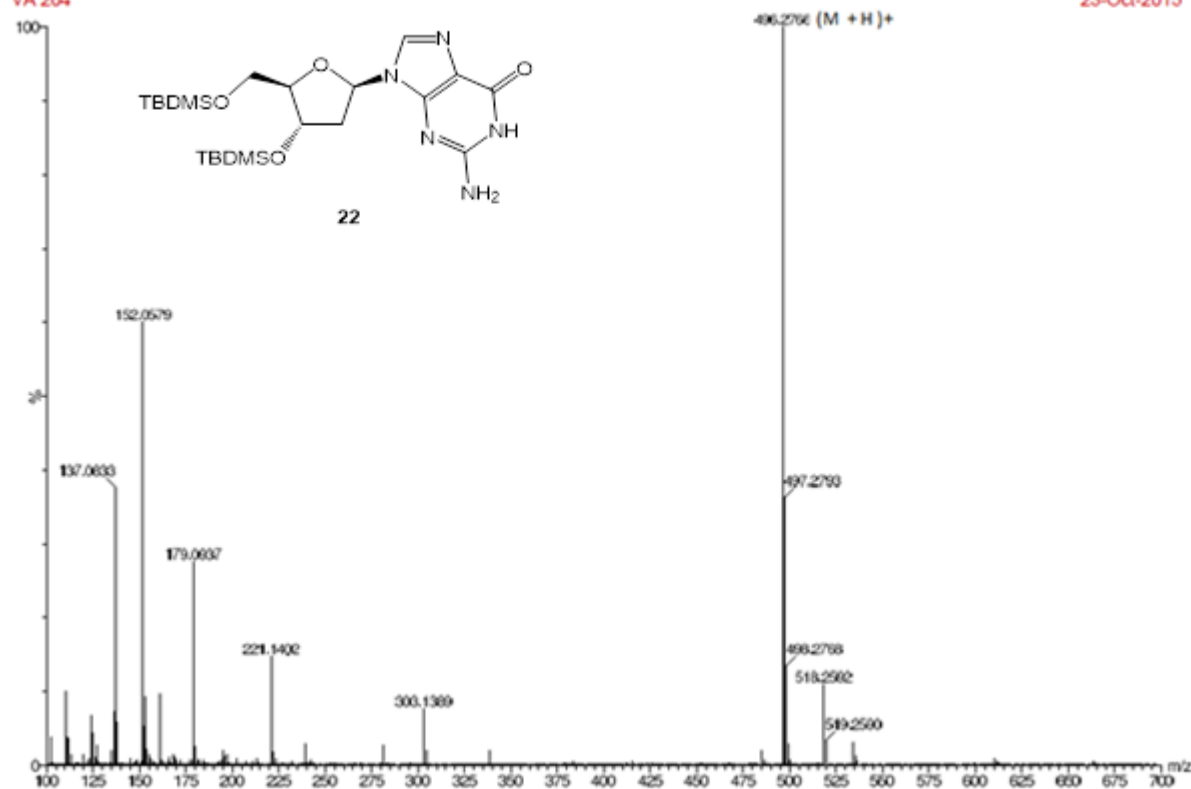




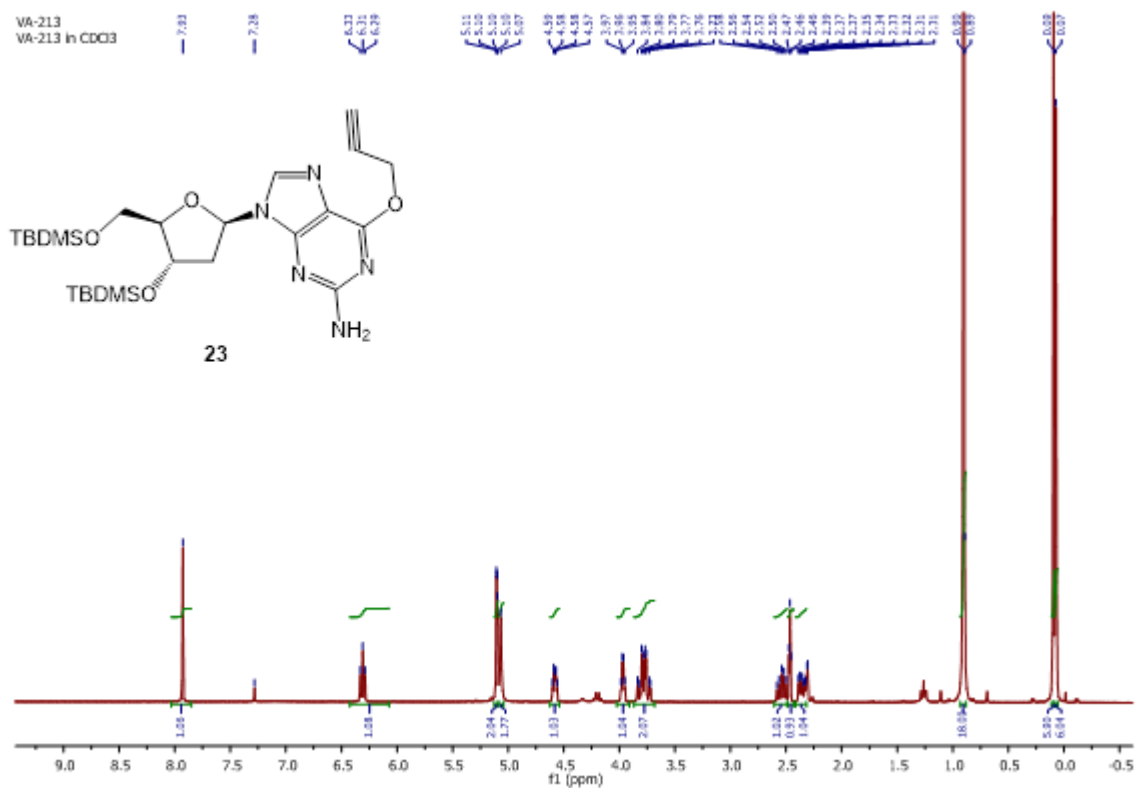
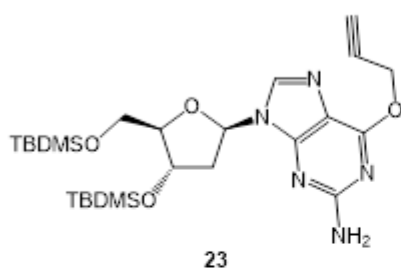
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VA 204

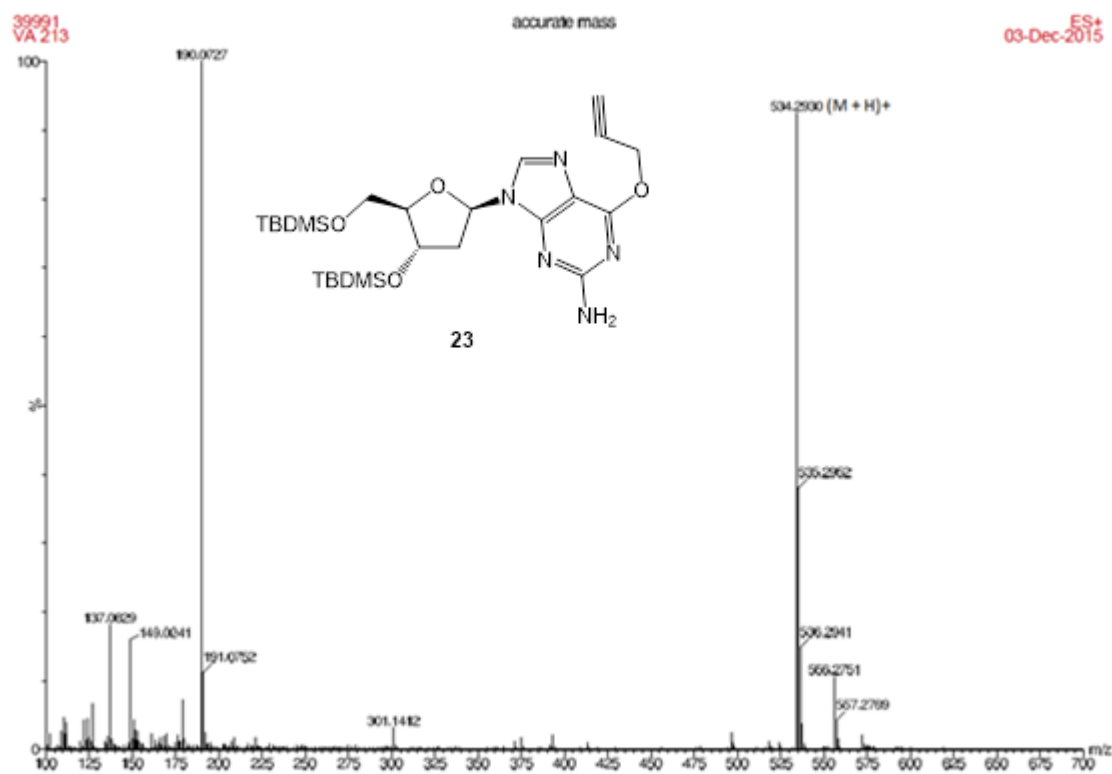
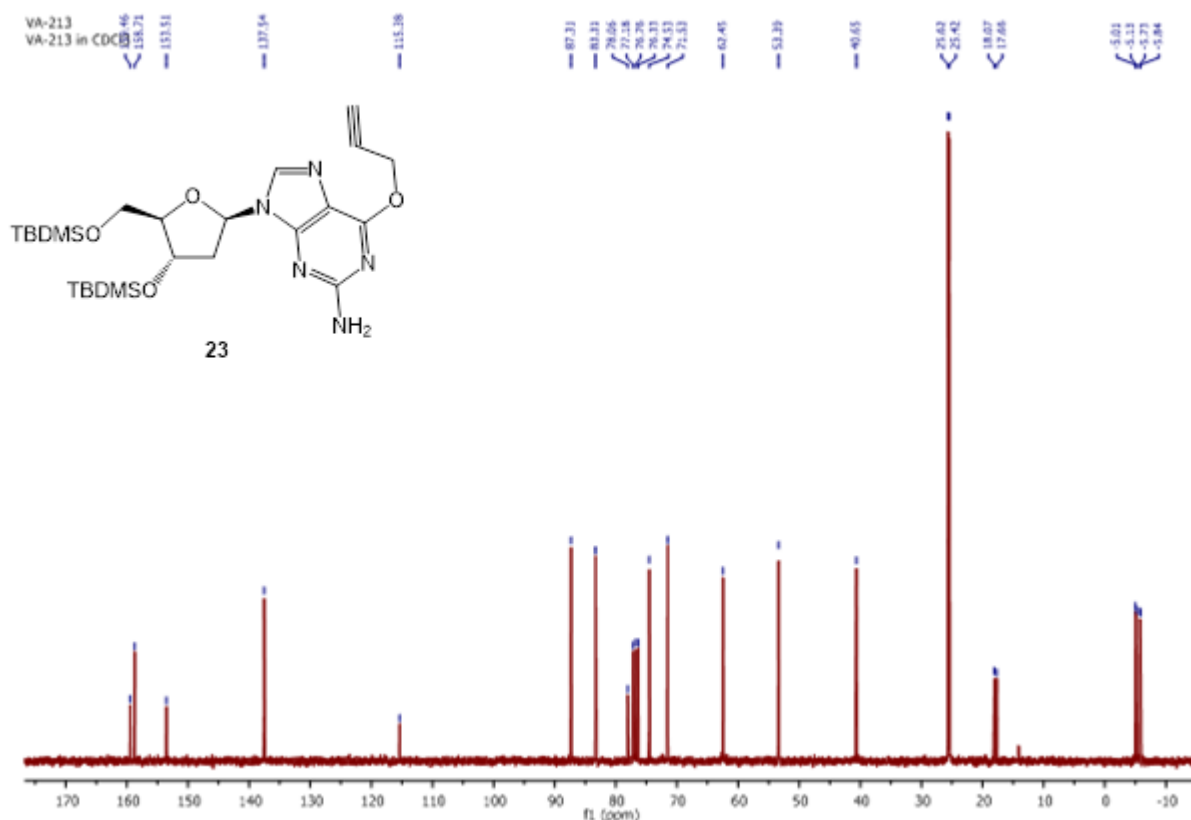
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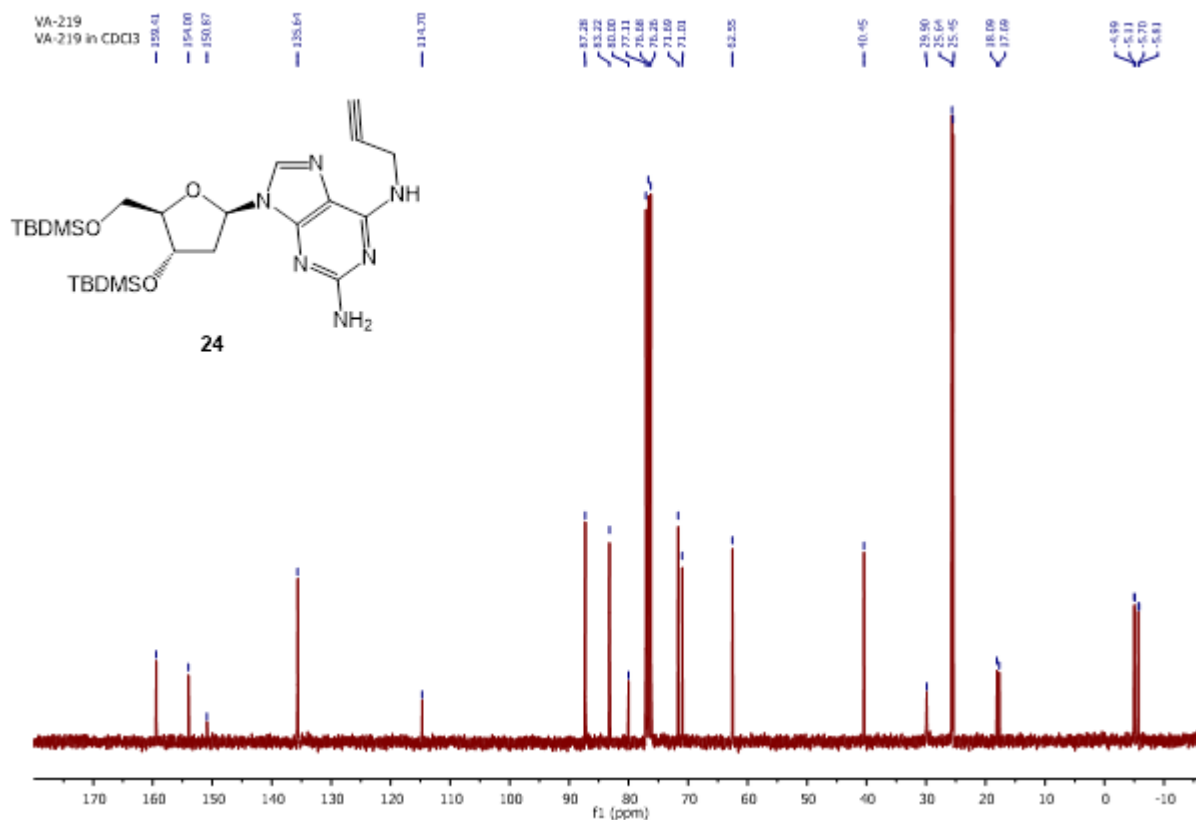
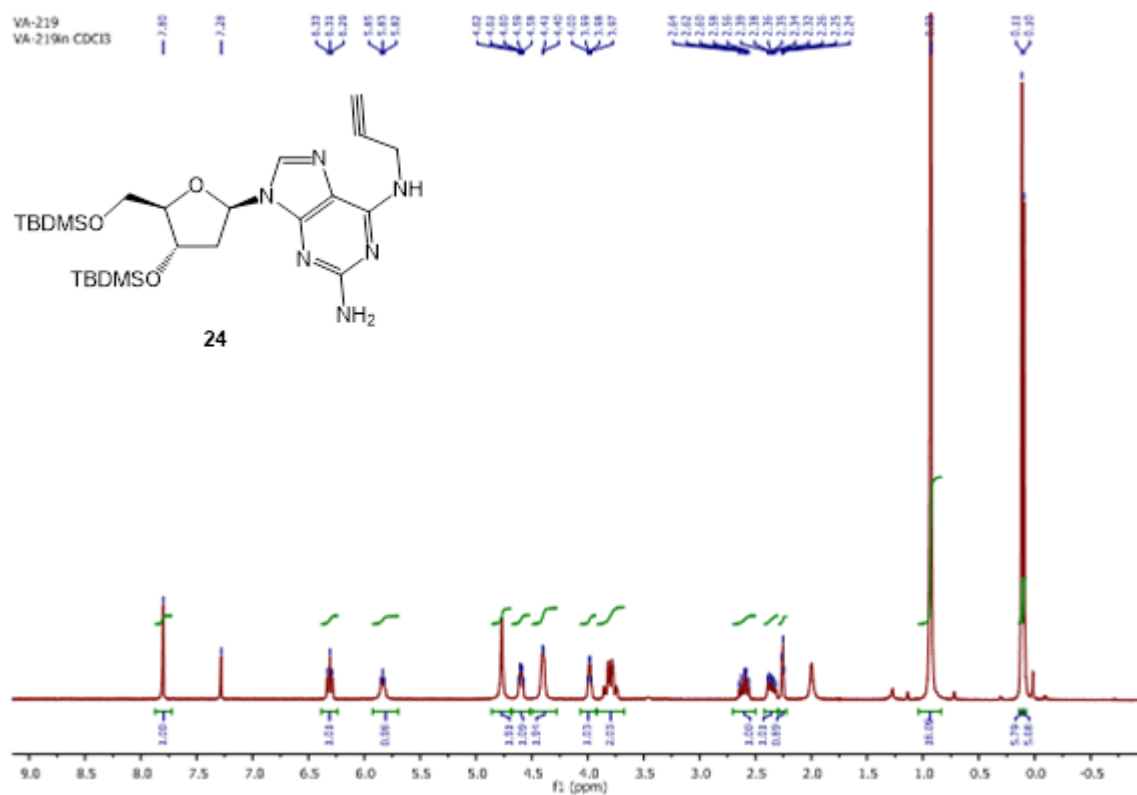
ES+
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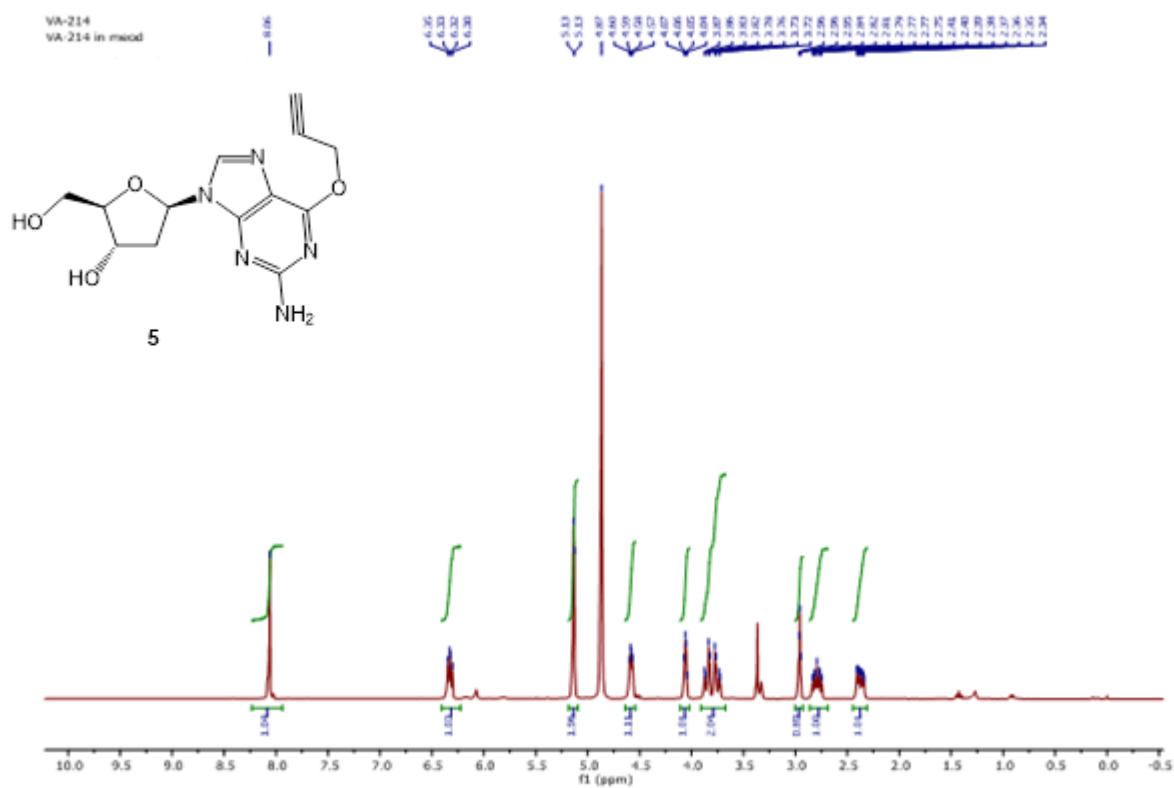
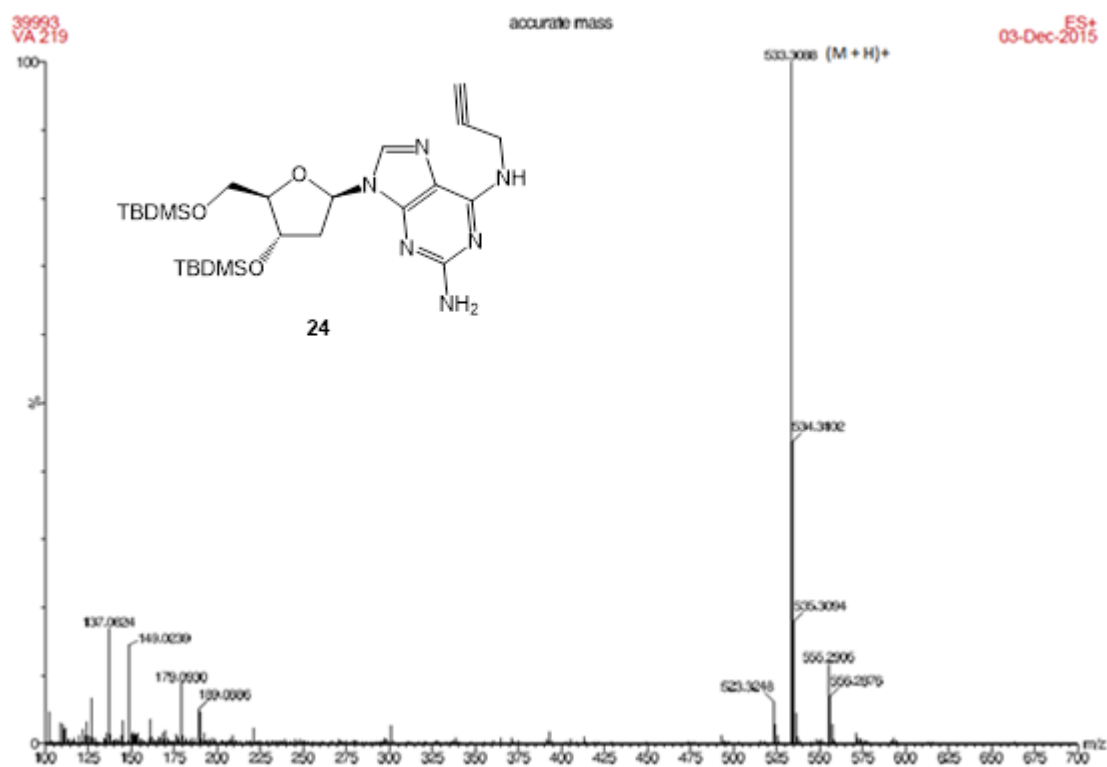


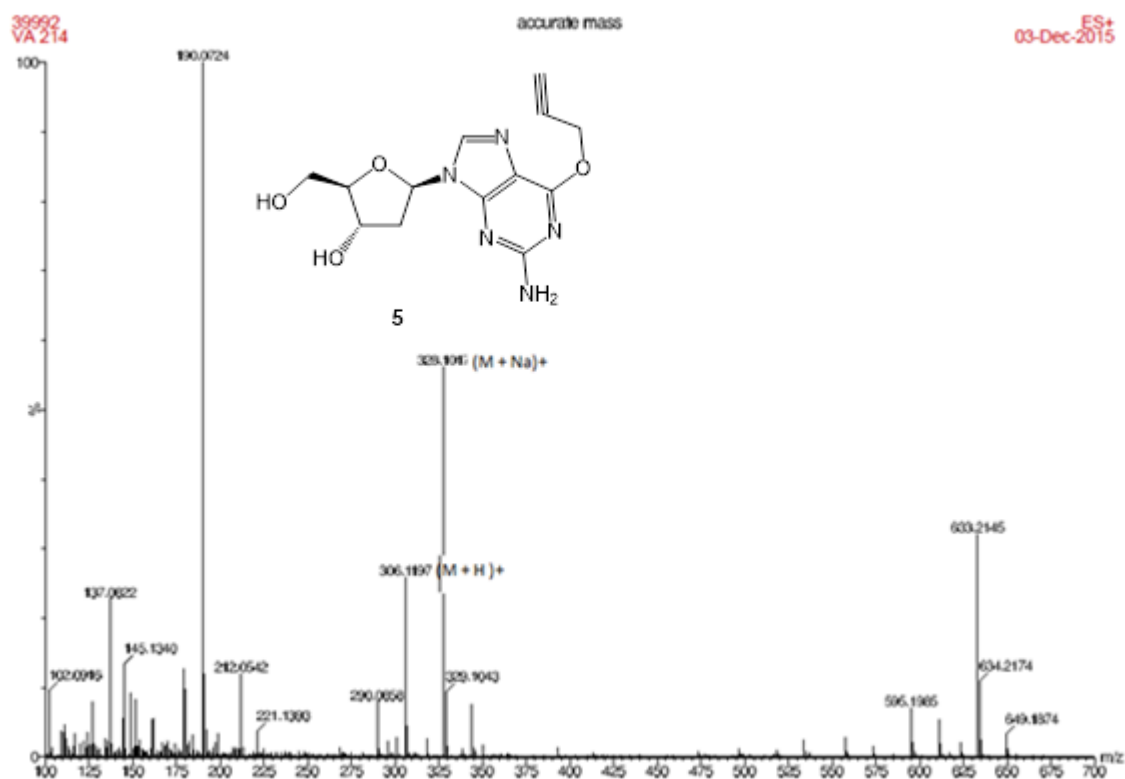
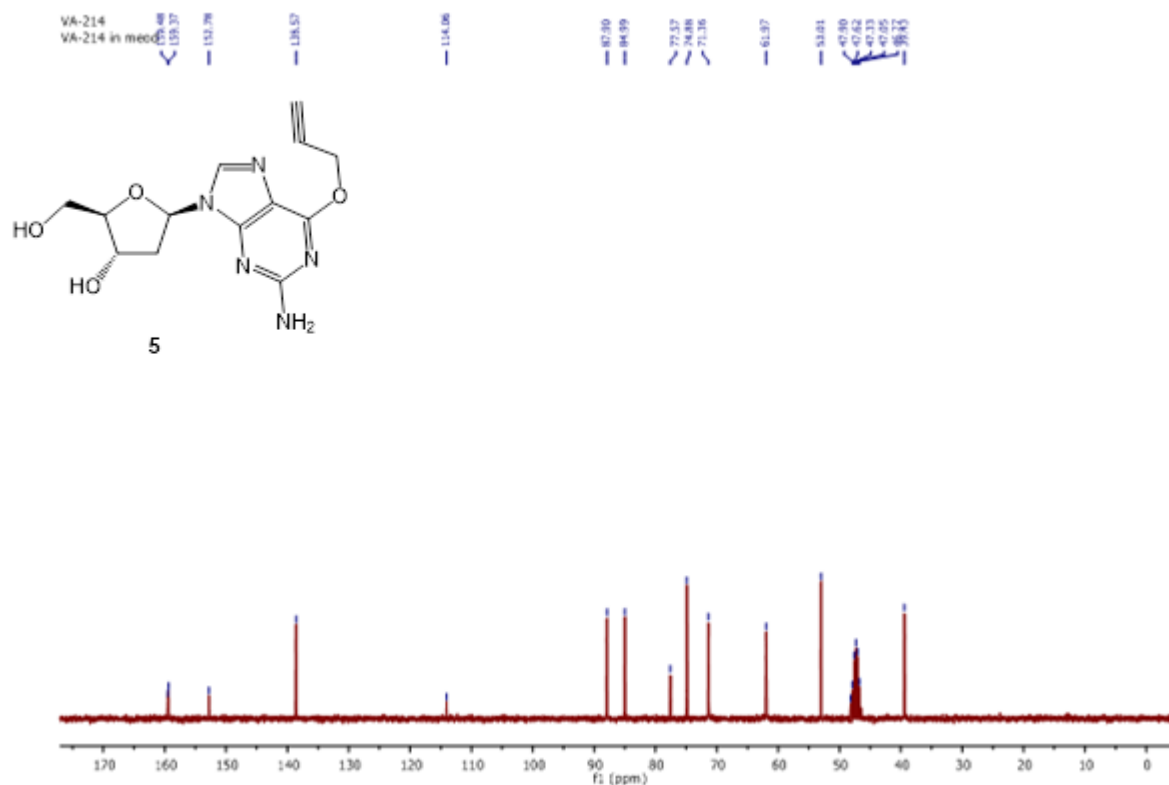
VA-213
VA-213 in CDCl3

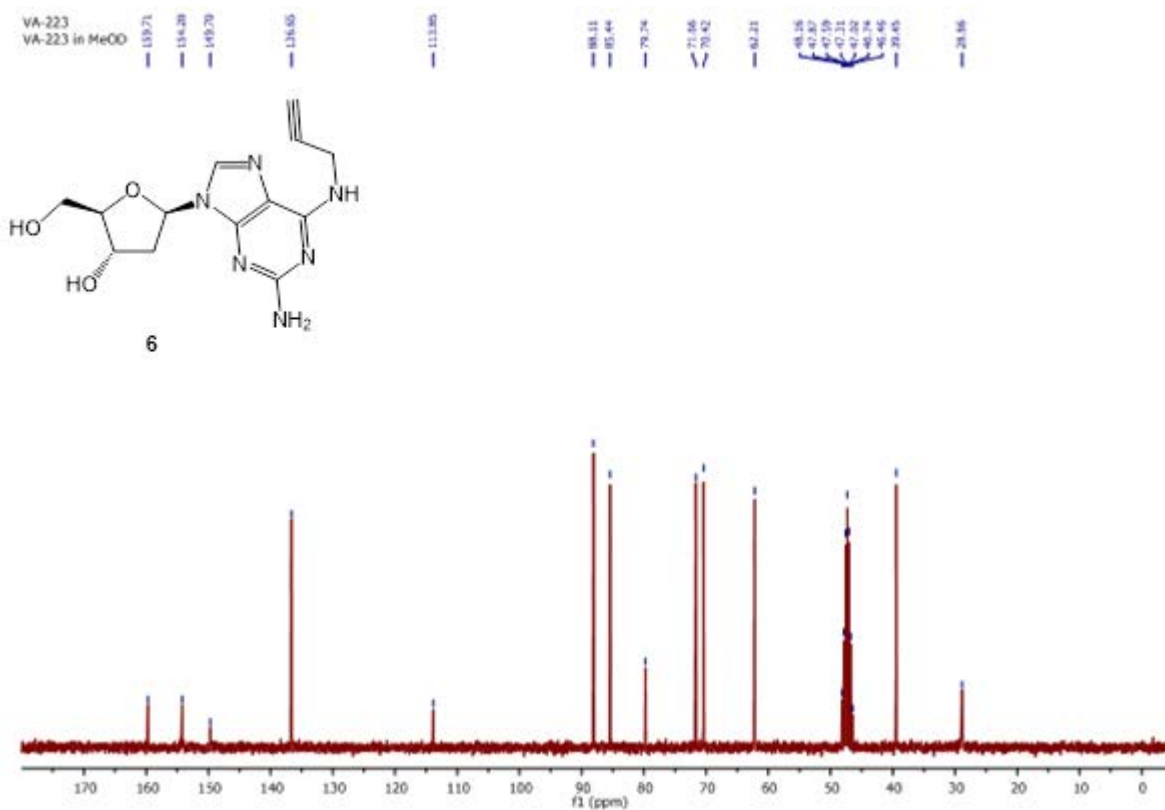
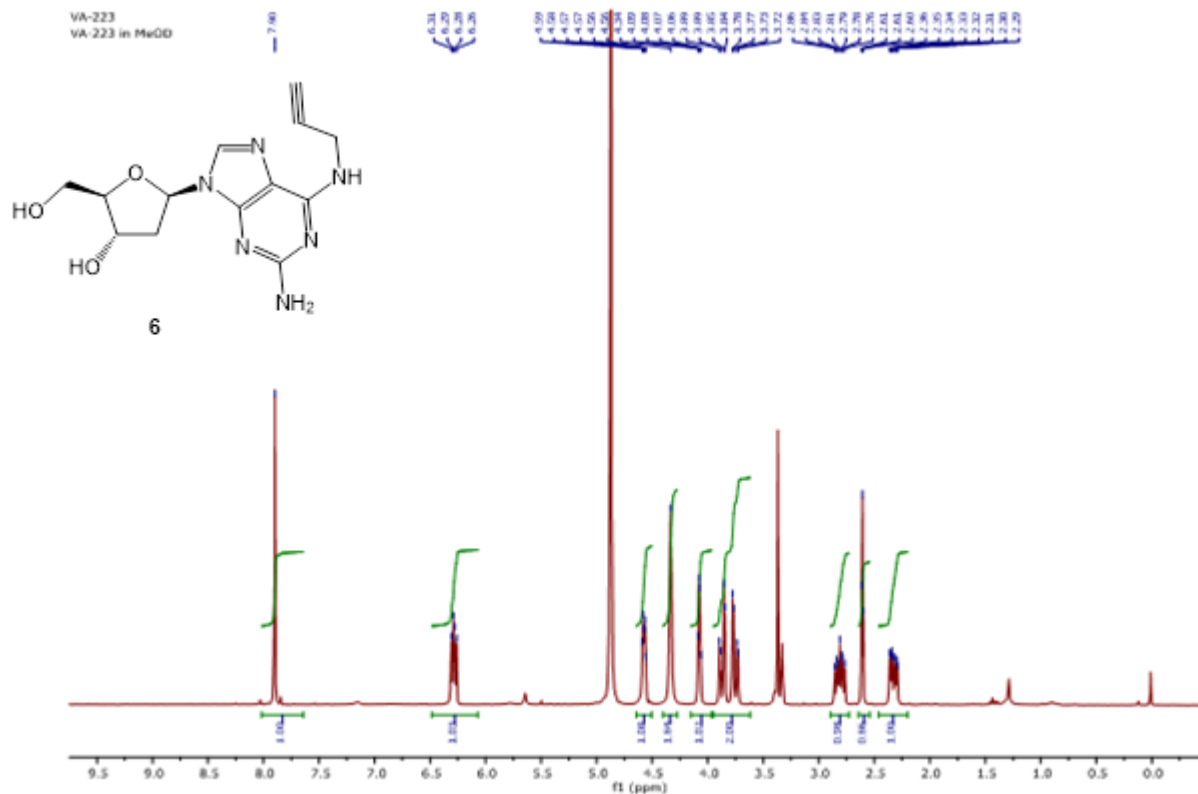








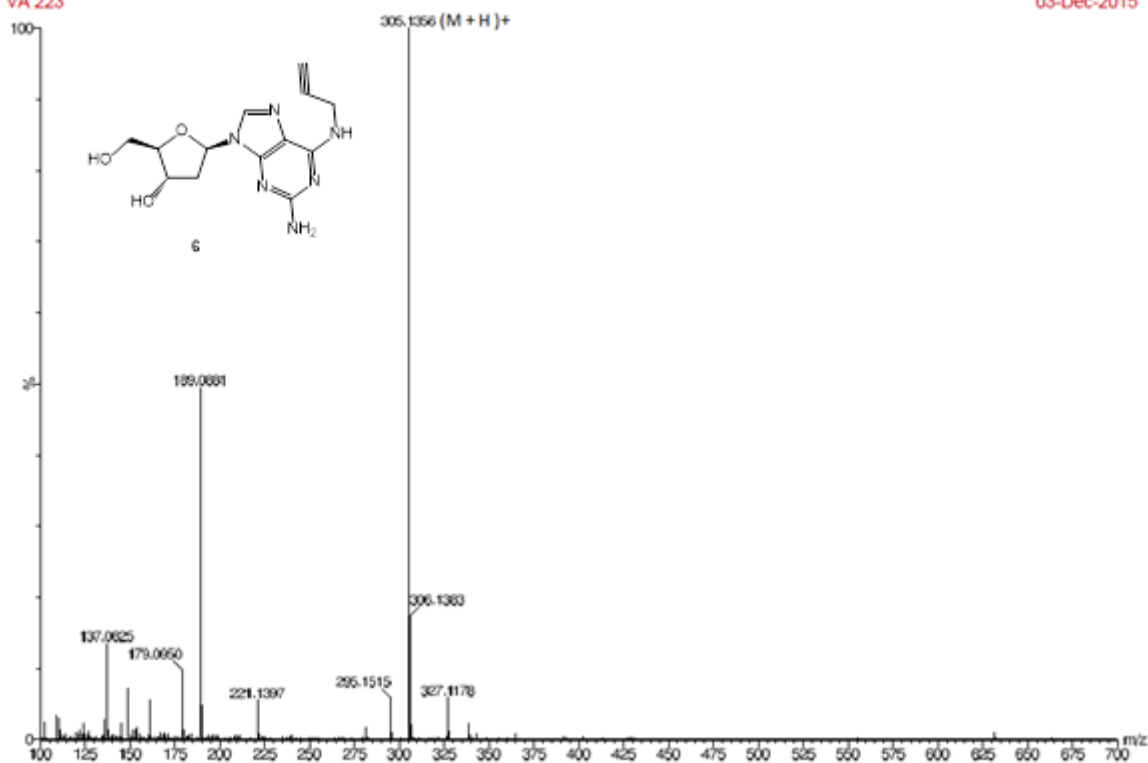




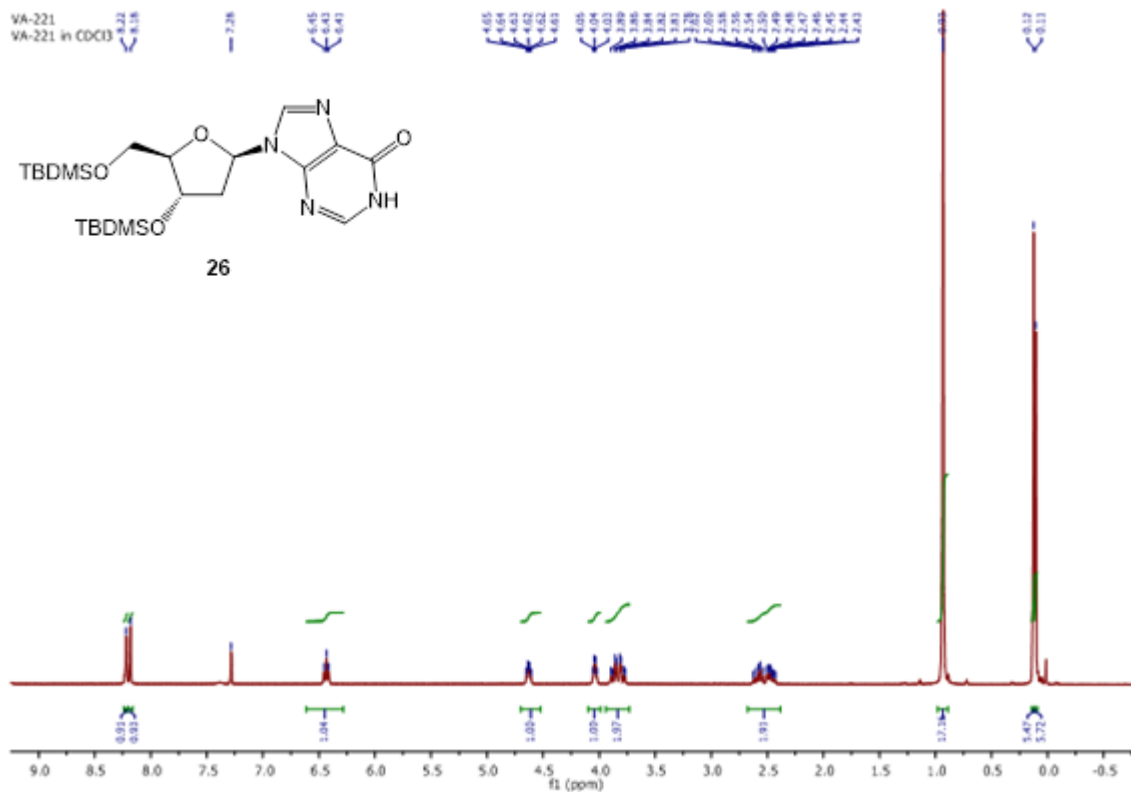
39994
VA 223

accurate mass

ES+
03-Dec-2015

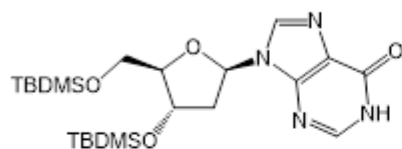


VA-221
VA-221 in CDCl3

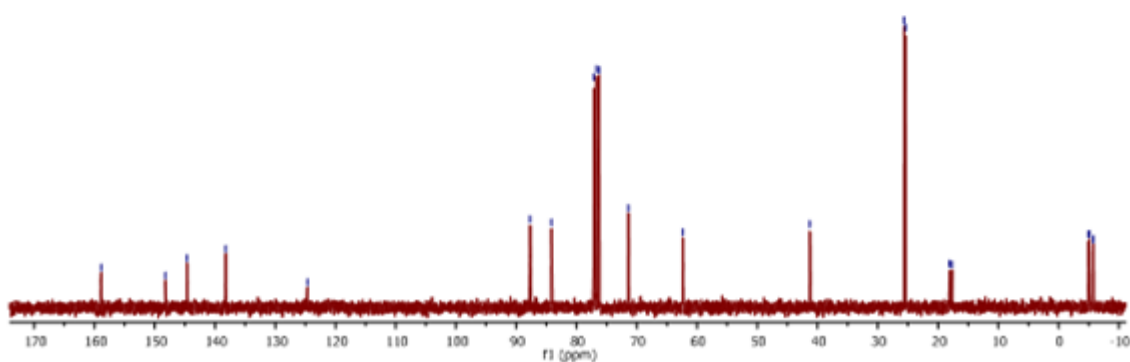


VA-221
VA-221 in CD₃OD

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138.23
124.62
87.71
81.16
77.11
76.06
75.07
71.39
62.35
41.28
25.62
25.42
18.89
17.66
-4.89
-5.13
-5.77
-5.82



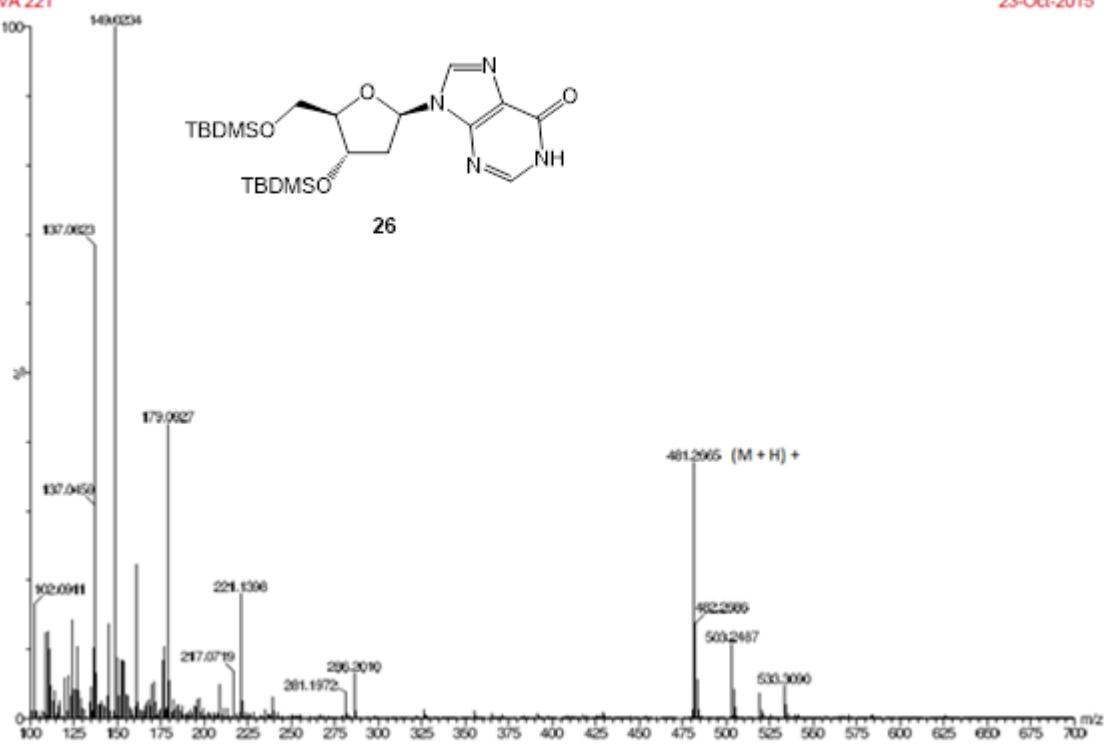
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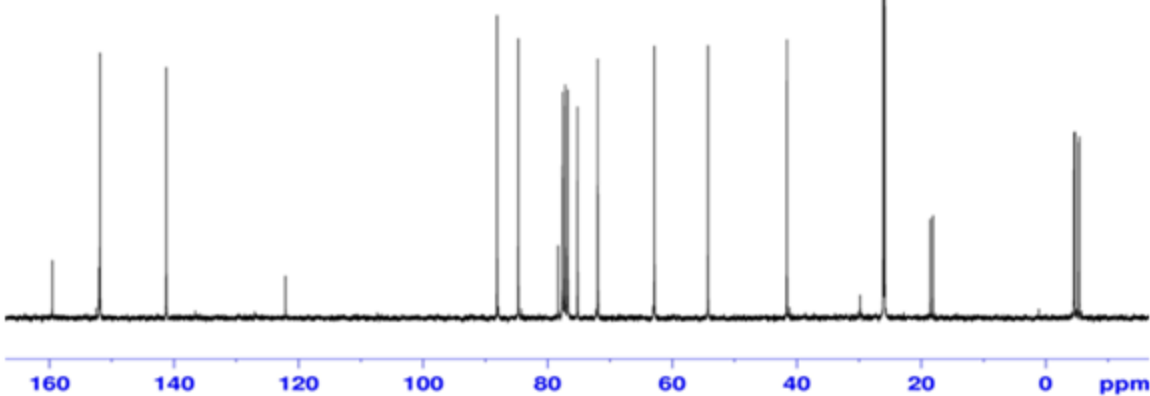
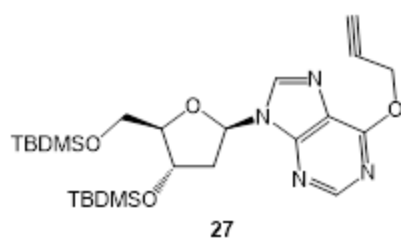
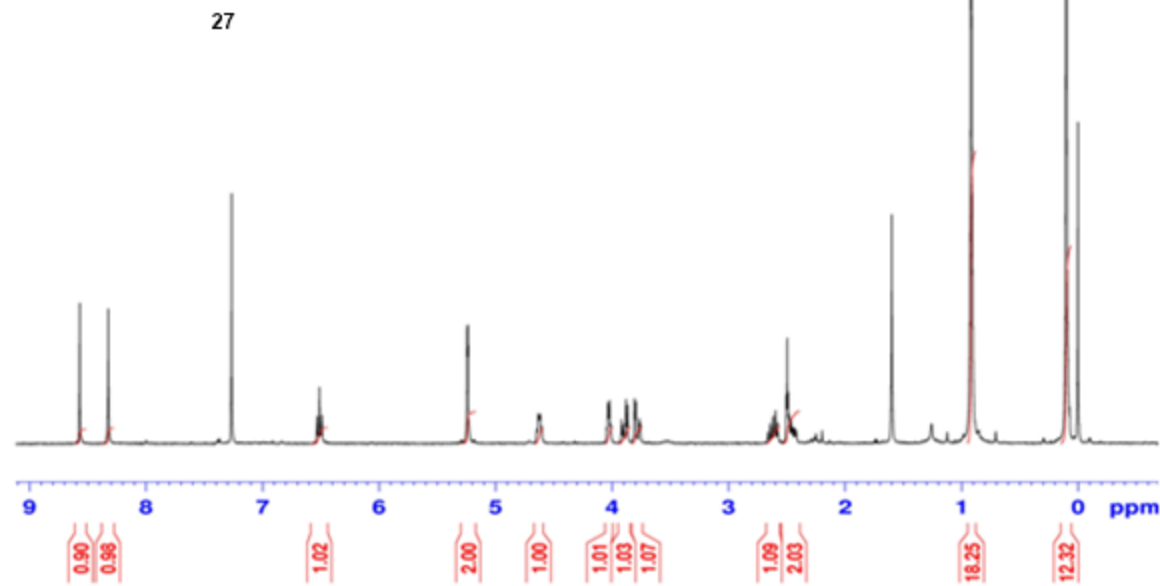
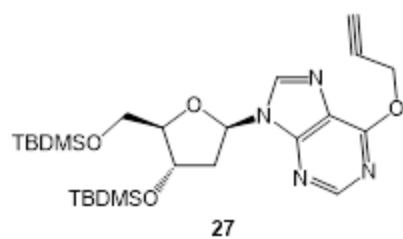
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VA 221

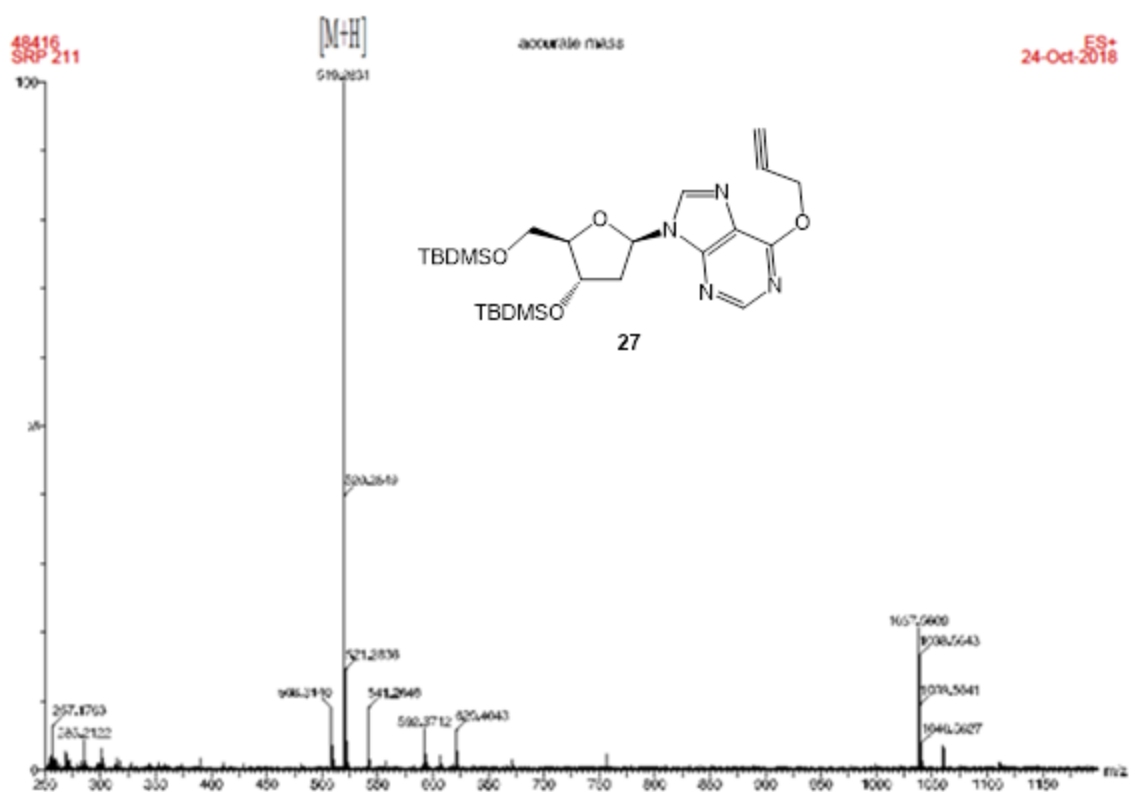
accurate mass

23-Oct-2015
ES+

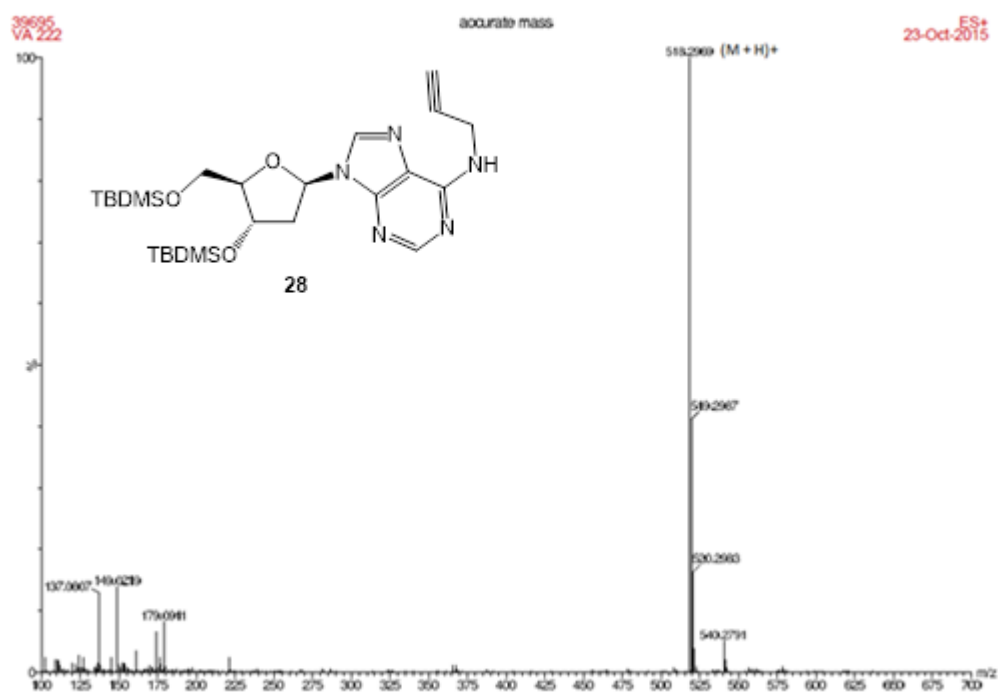
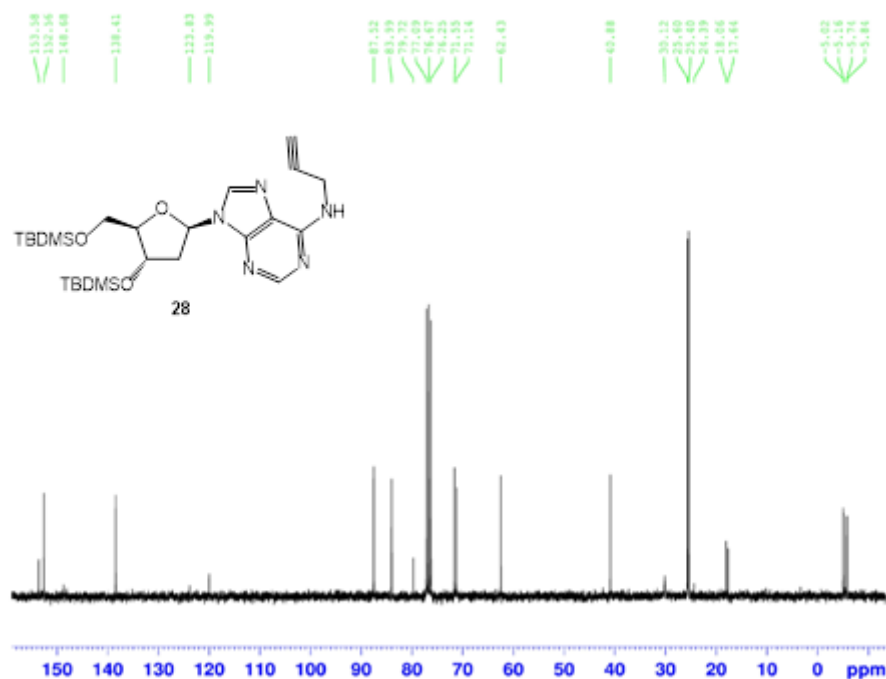


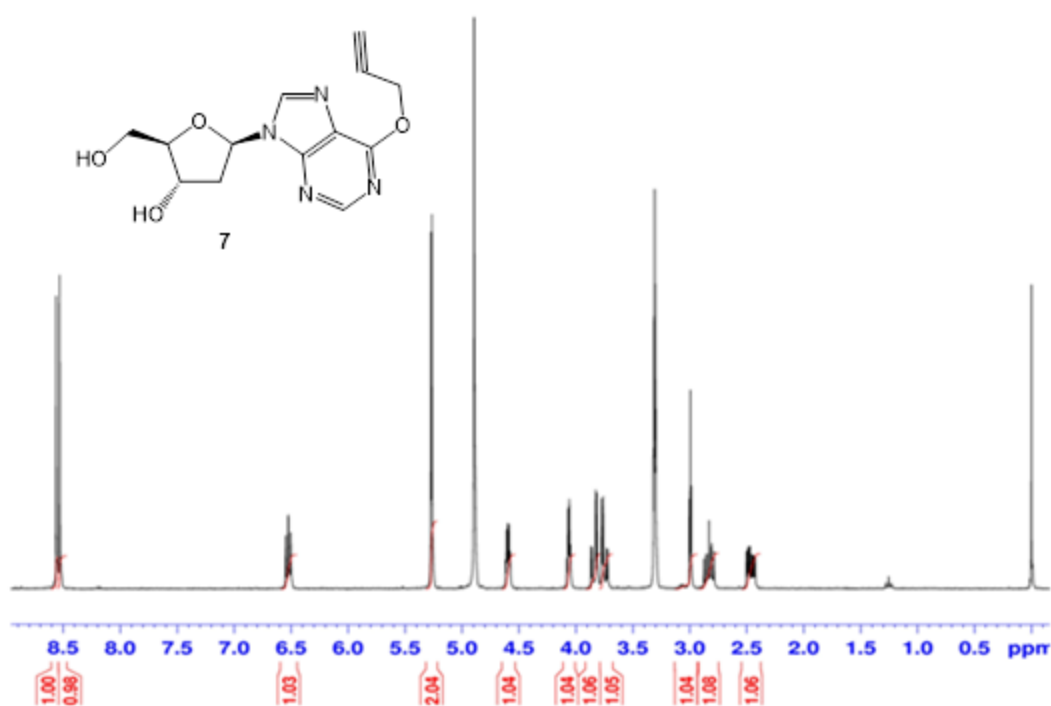
SRP-211A



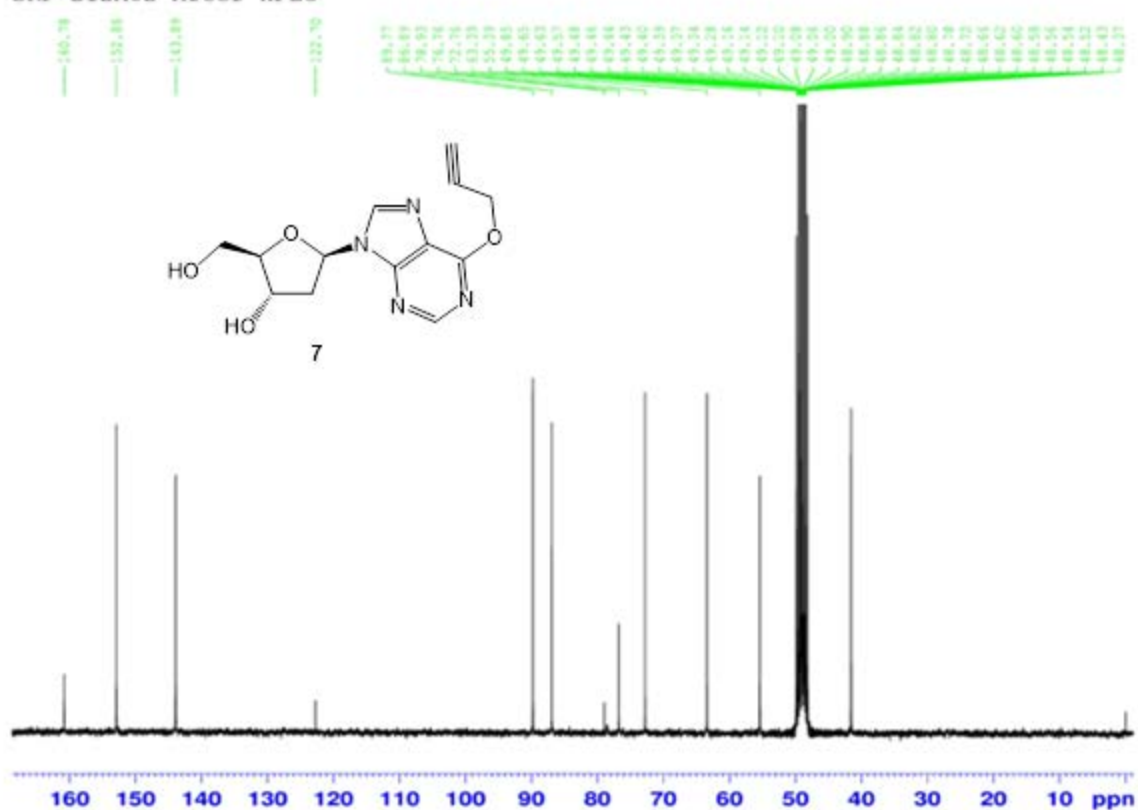


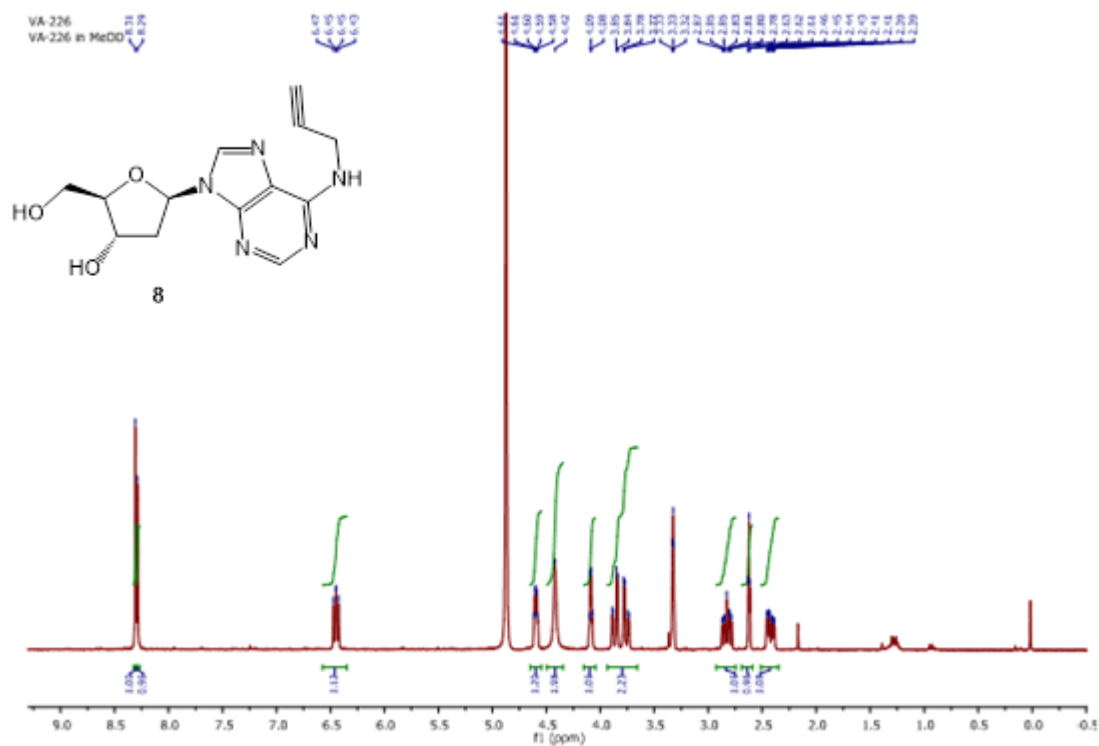
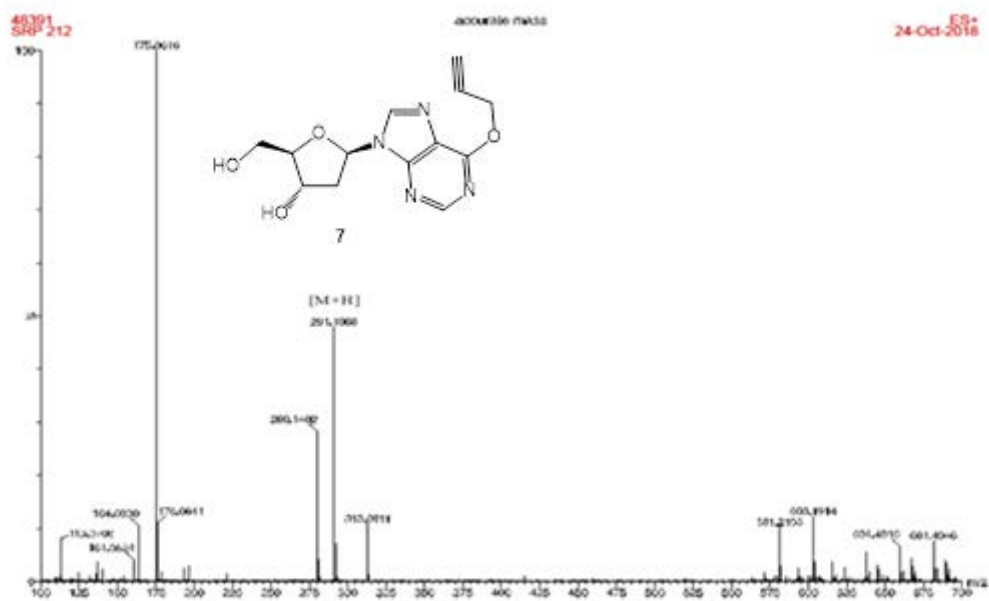
VA-222 in CDCl₃

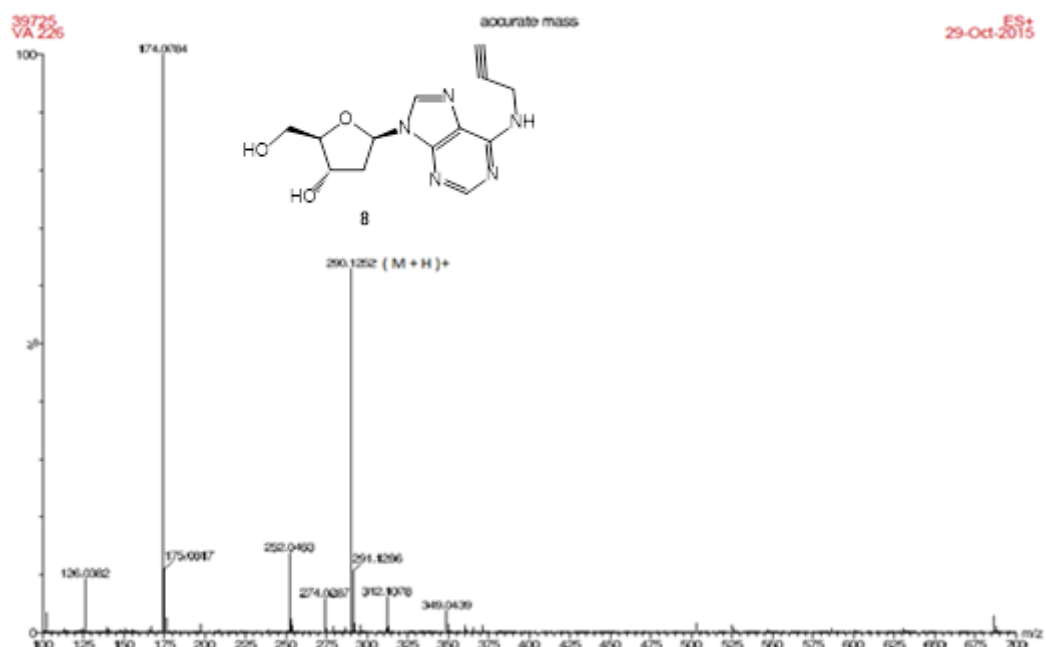
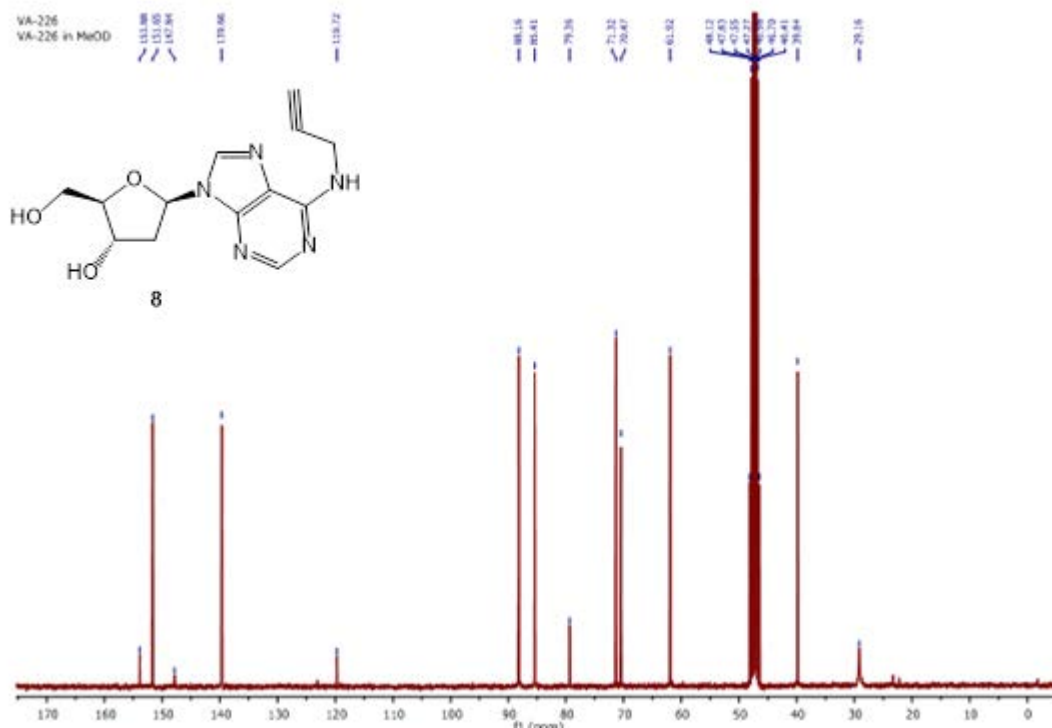


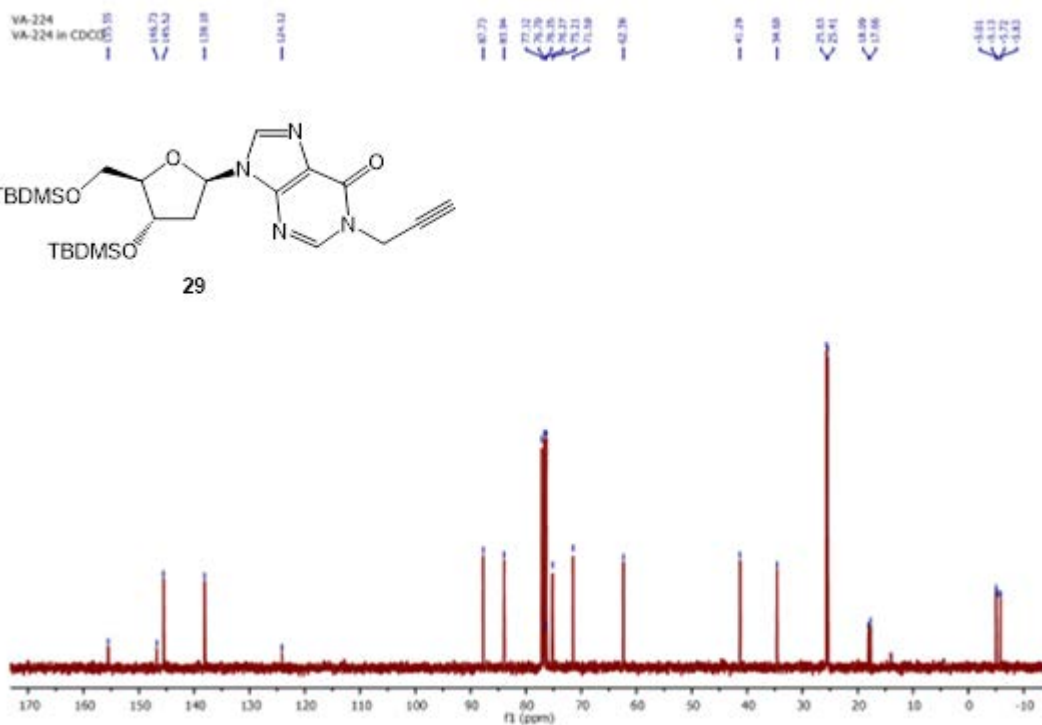


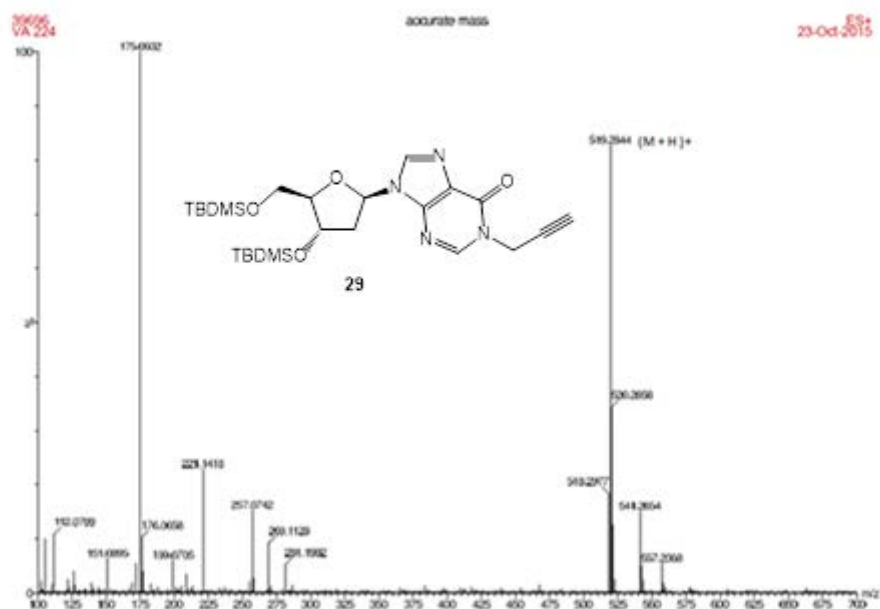
SRP-212A02 After HPLC



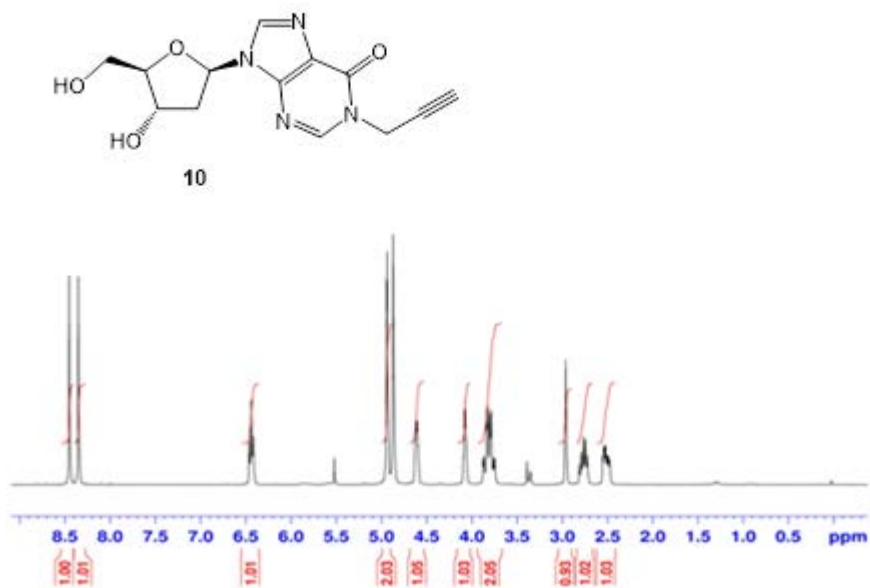


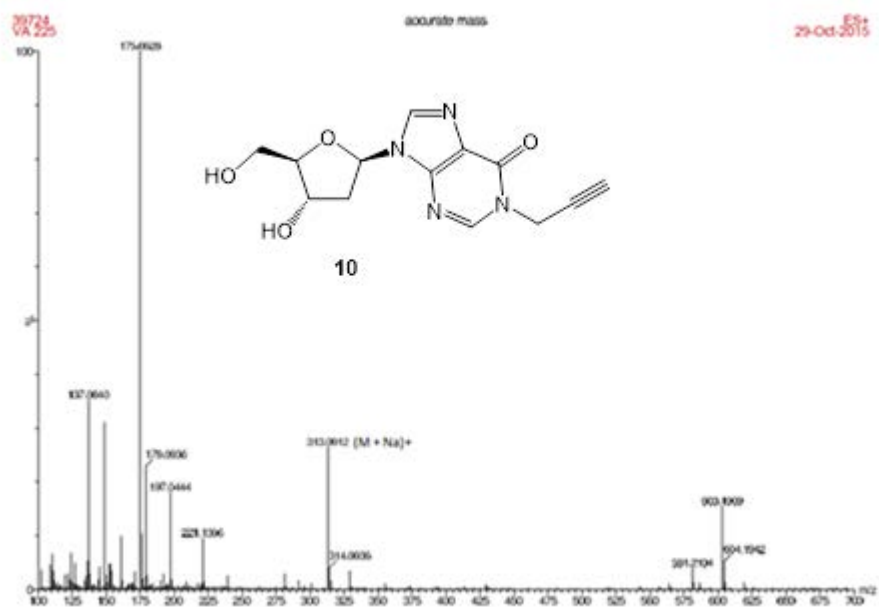
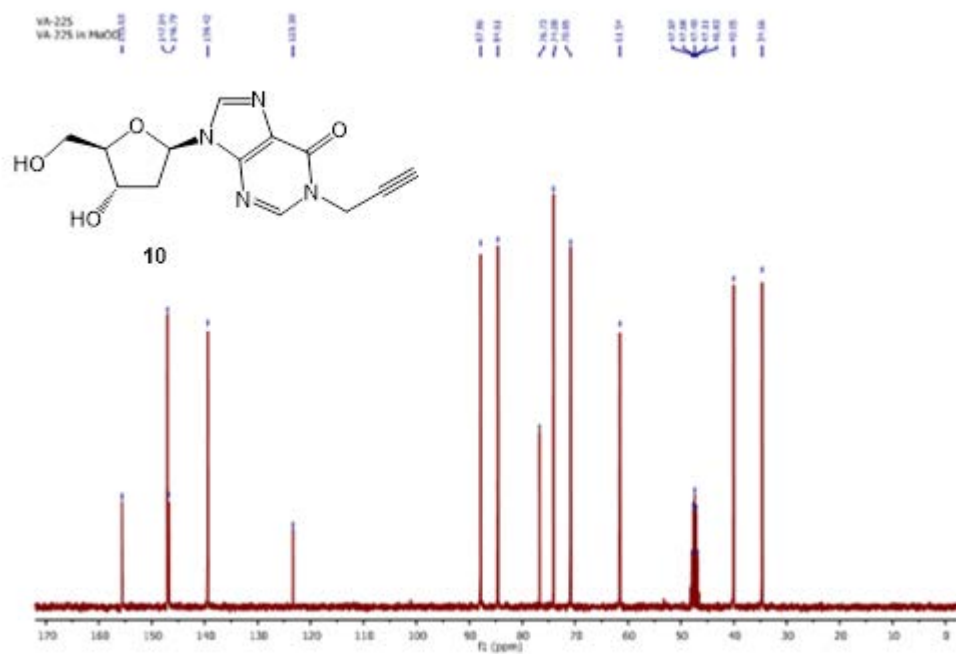




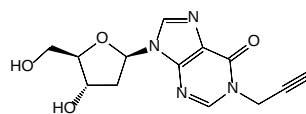


VA-225 in MeOD

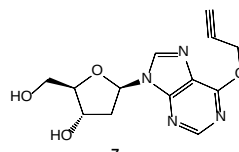
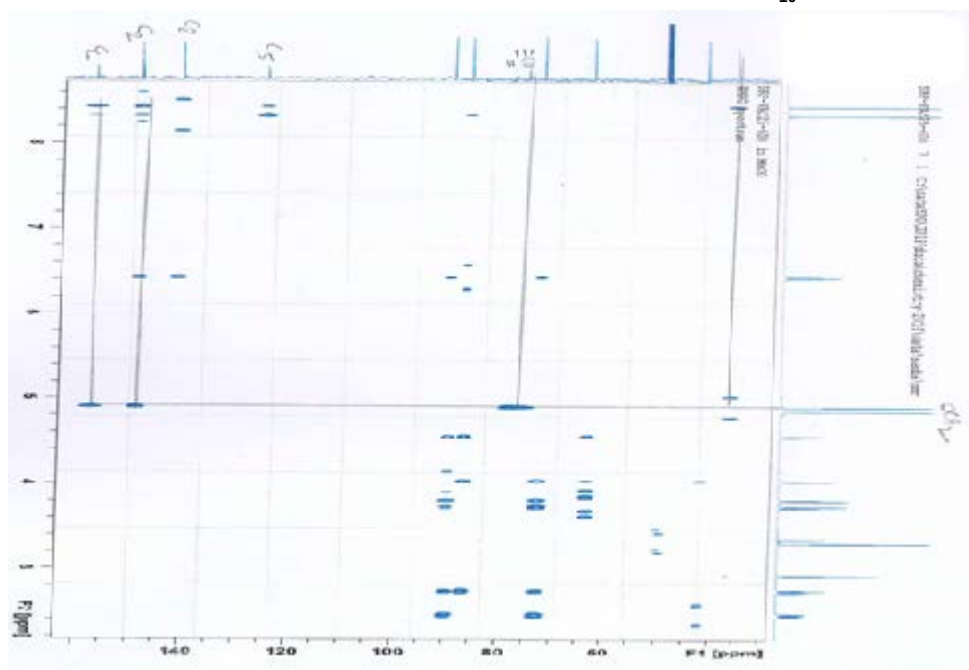




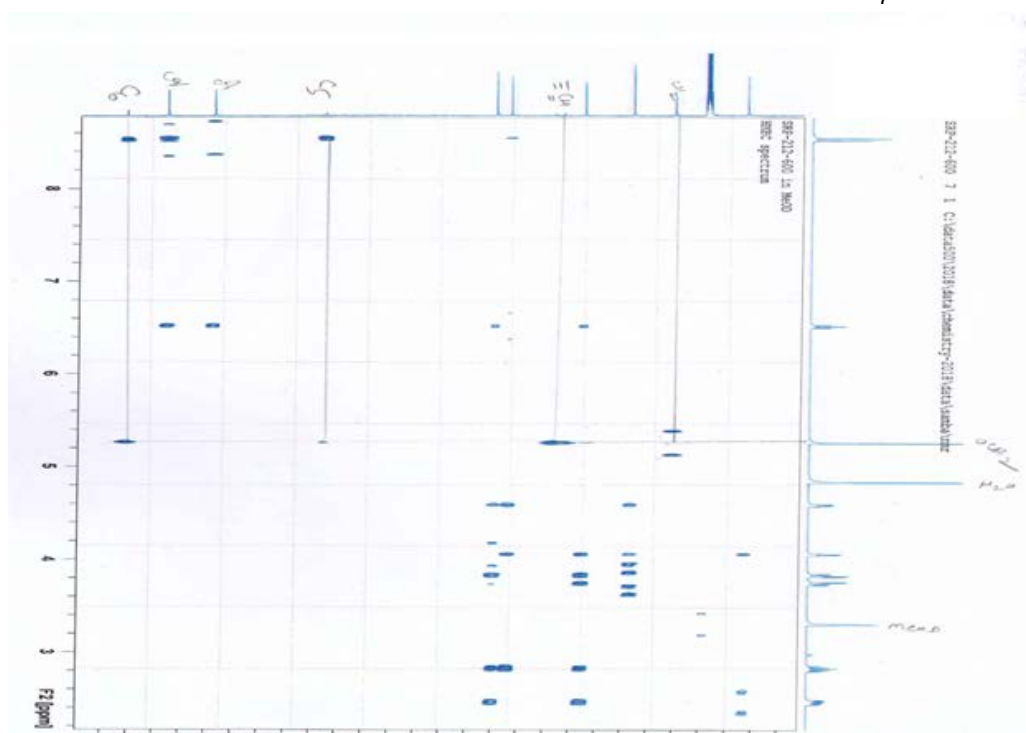
2D NMR – HMBC

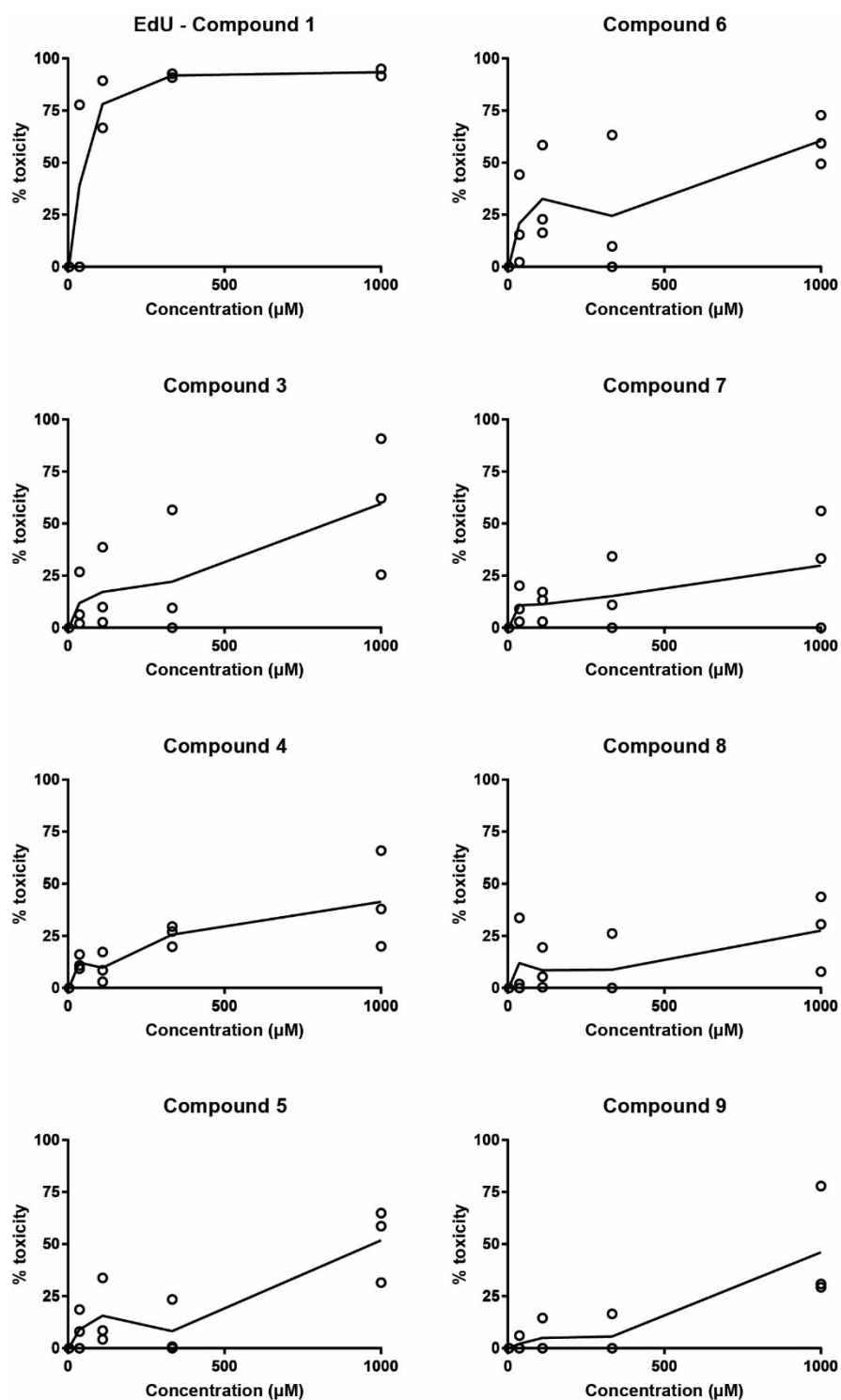


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Supplementary figure: cell viability dose-response curves for the various new analogues and for EdU as a control.