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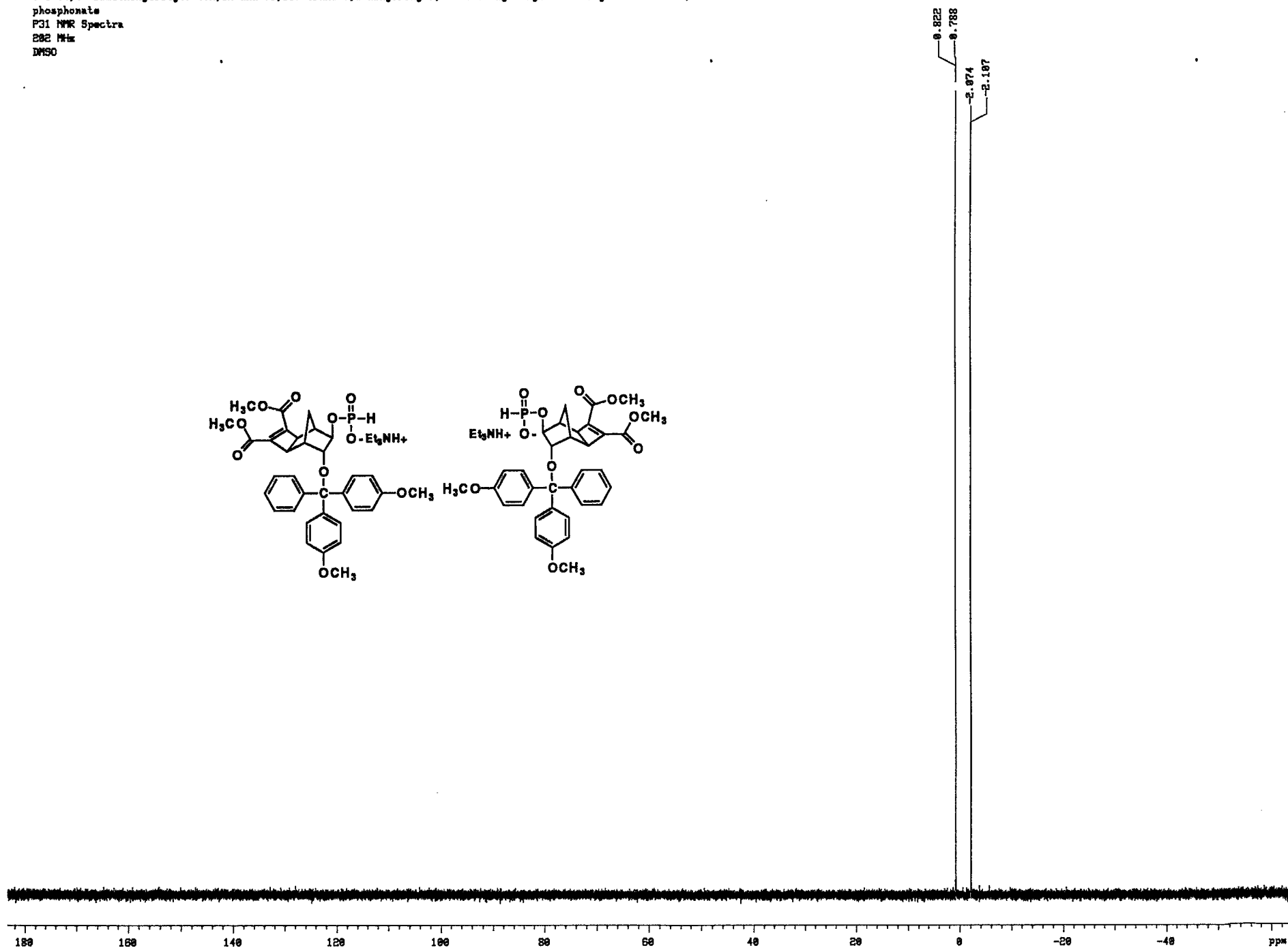
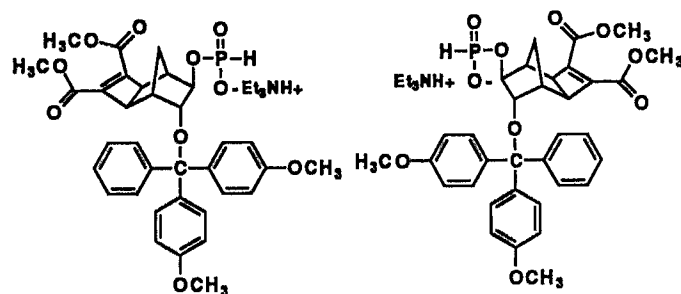


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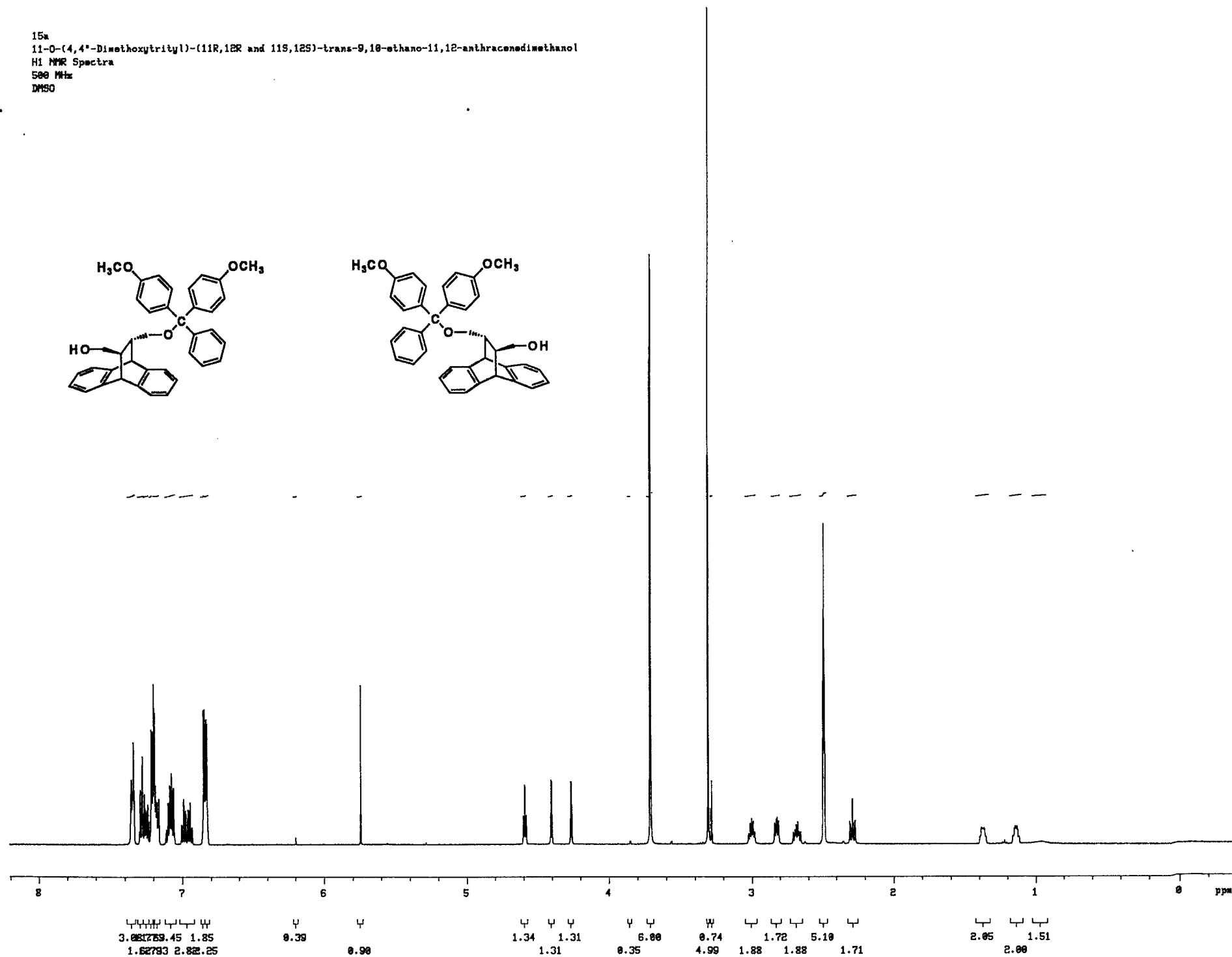
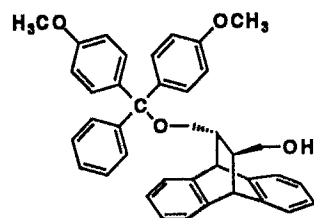
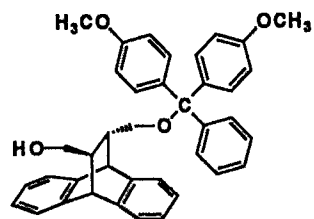
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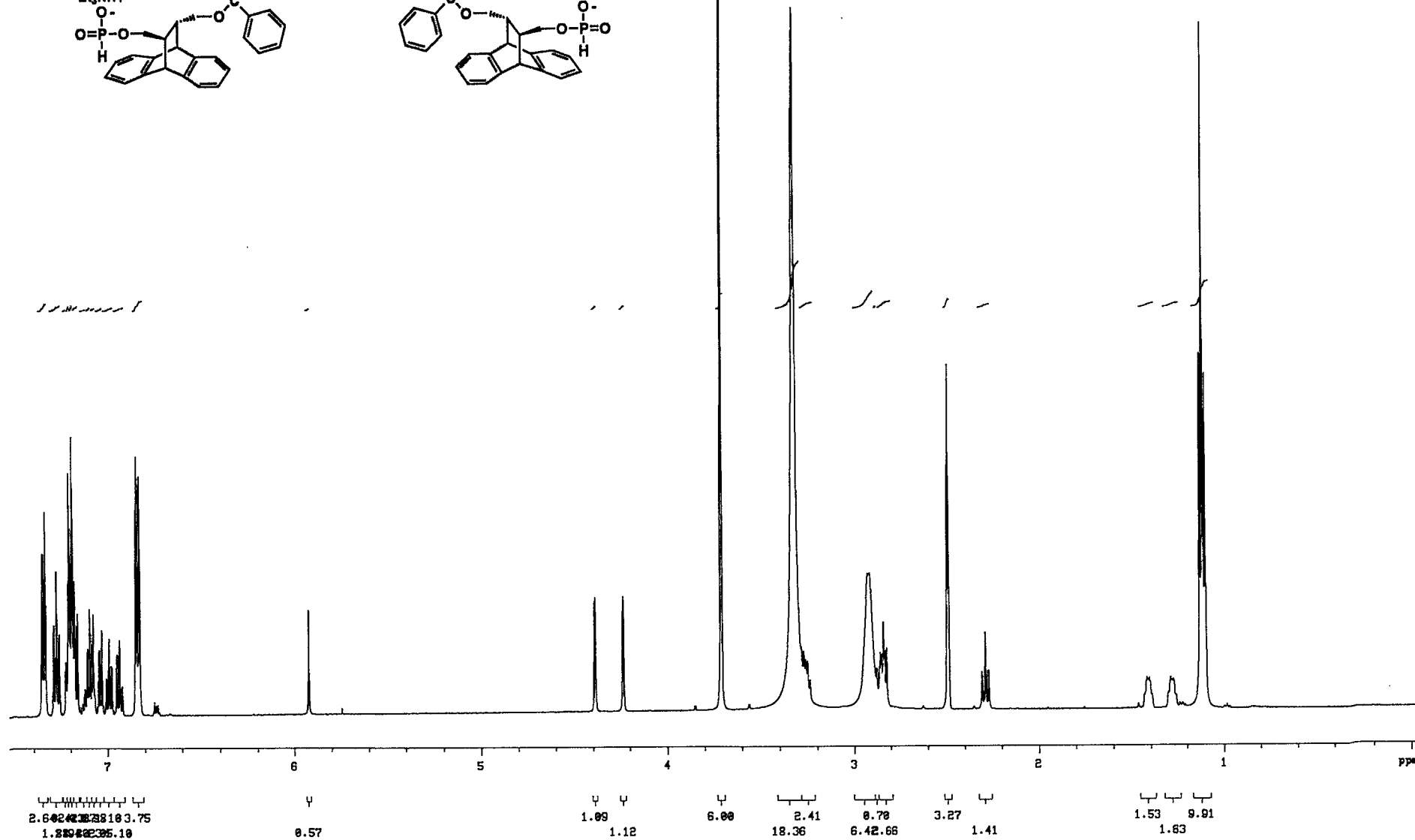
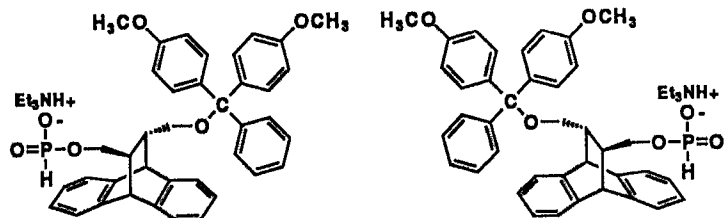
14b
 7-O-(4,4'-Dimethoxytrityl)-(7R,8R and 7S,8S)-trans-7,8-dihydroxy-3,4-dicarboxymethyl-exo-tricyclo[4.2.1.0 2,5]-non-3-ene-8-O-H-phosphonate
 P31 NMR Spectra
 282 MHz
 DMSO



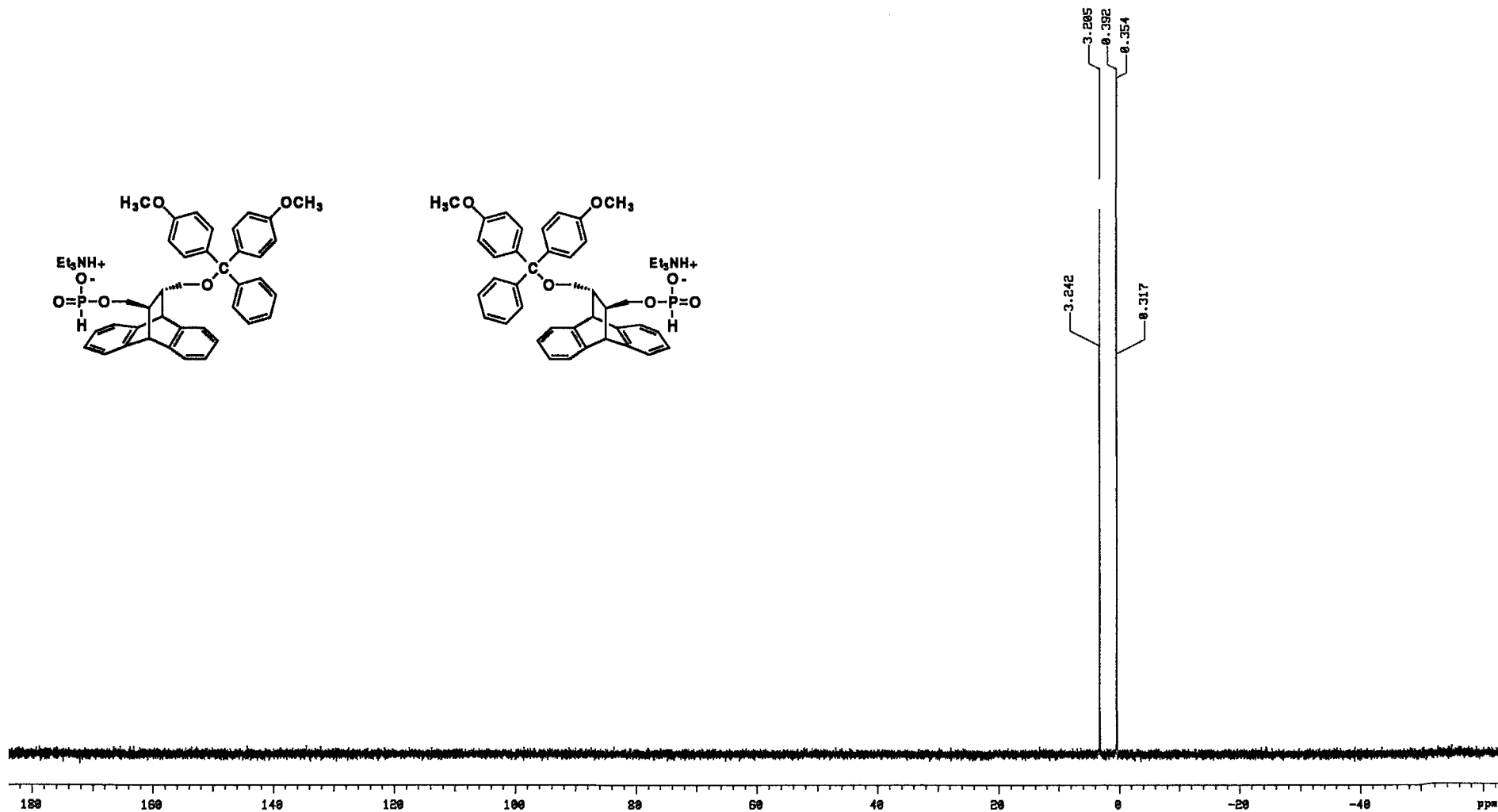
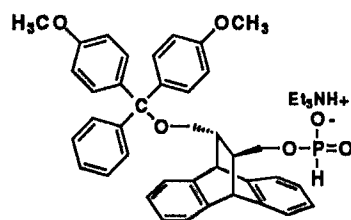
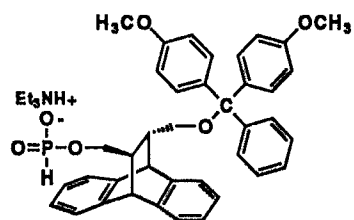
15a
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 H1 NMR Spectra
 500 MHz
 DMSO

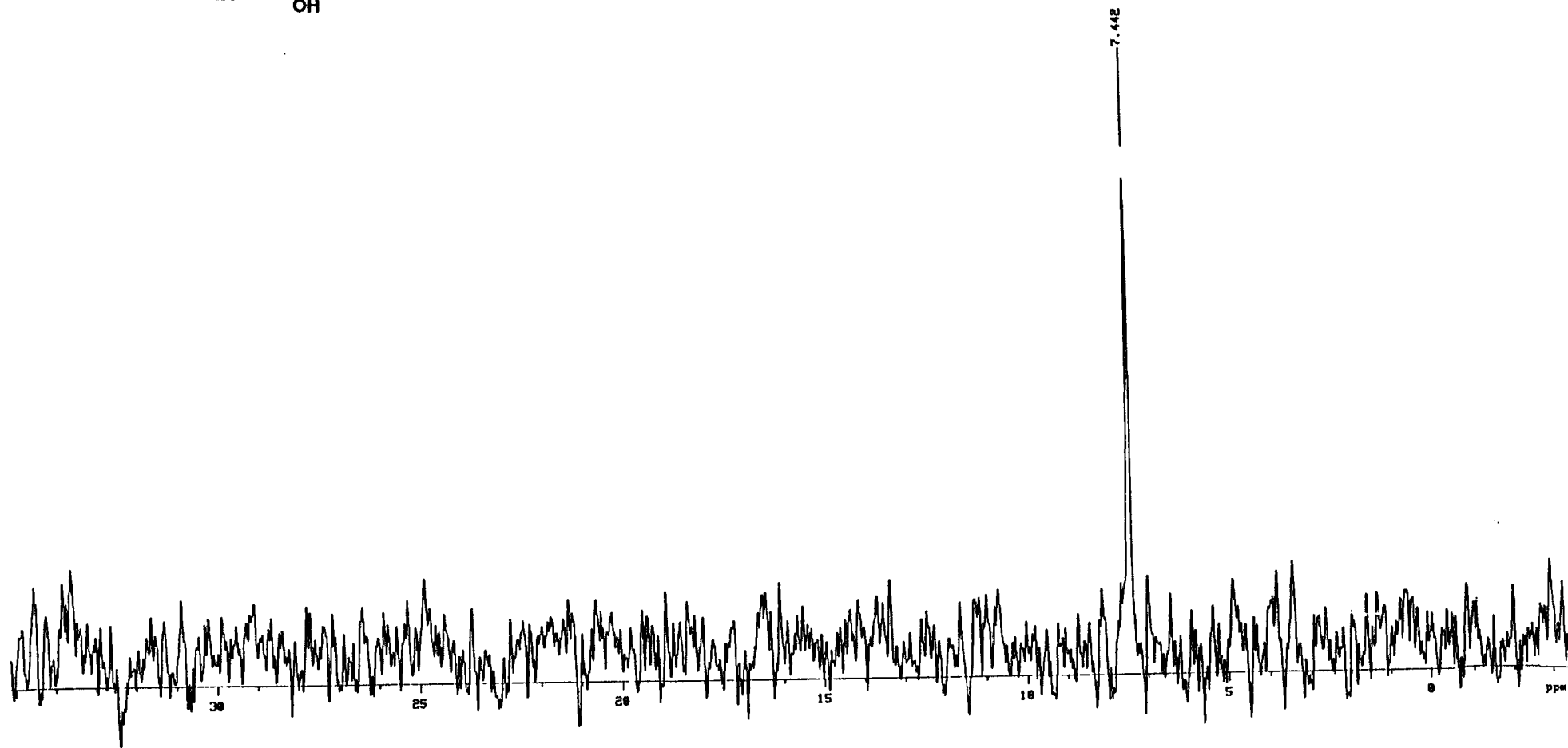
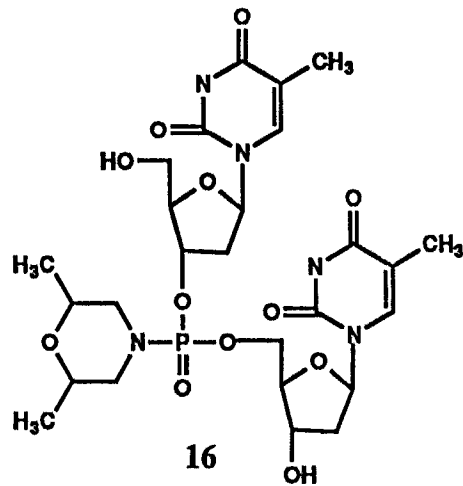


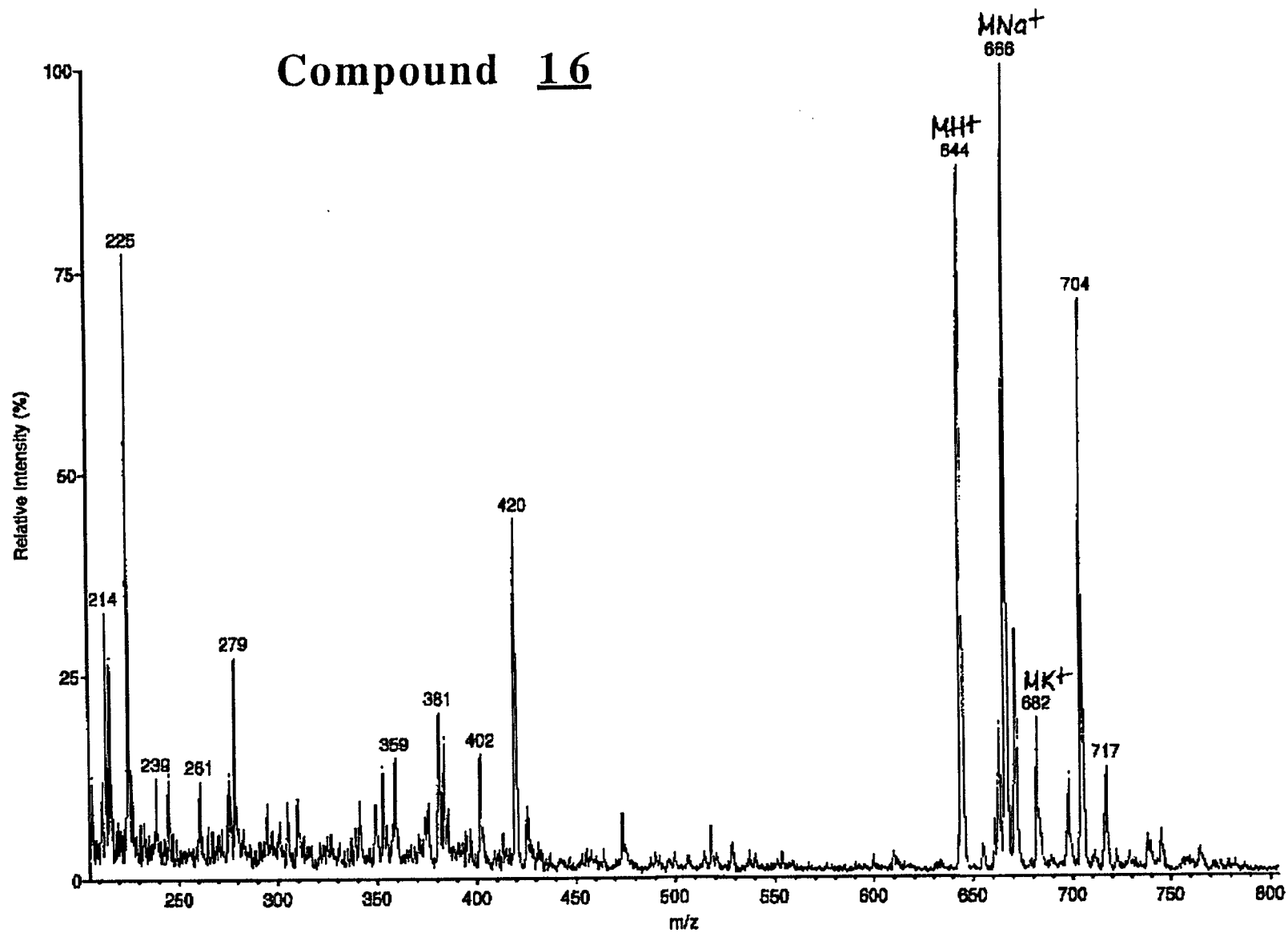
15b
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 P31 NMR Spectra
 282 MHz
 DMSO



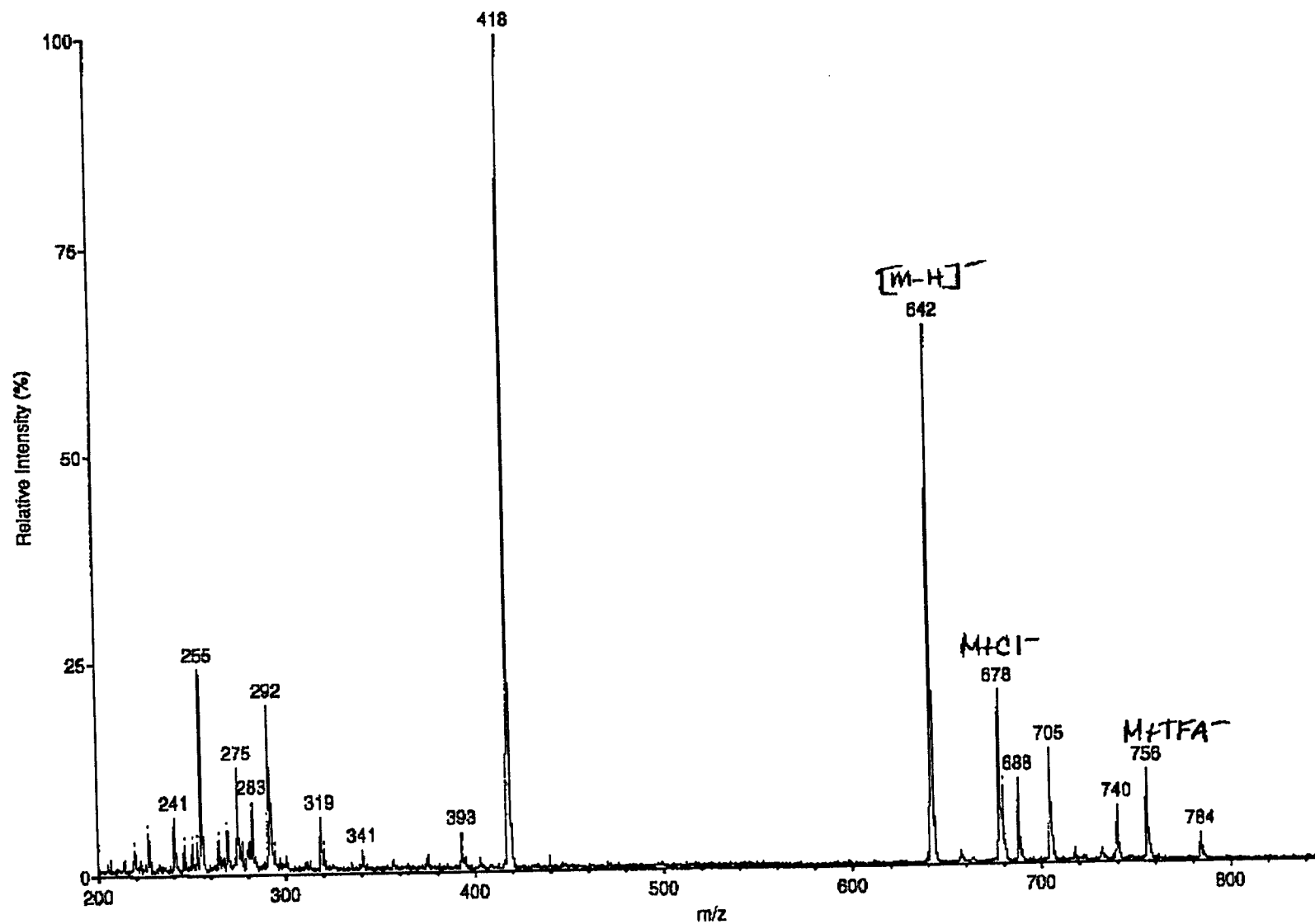
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 P31 NMR Spectra
 202 MHz
 DMSO

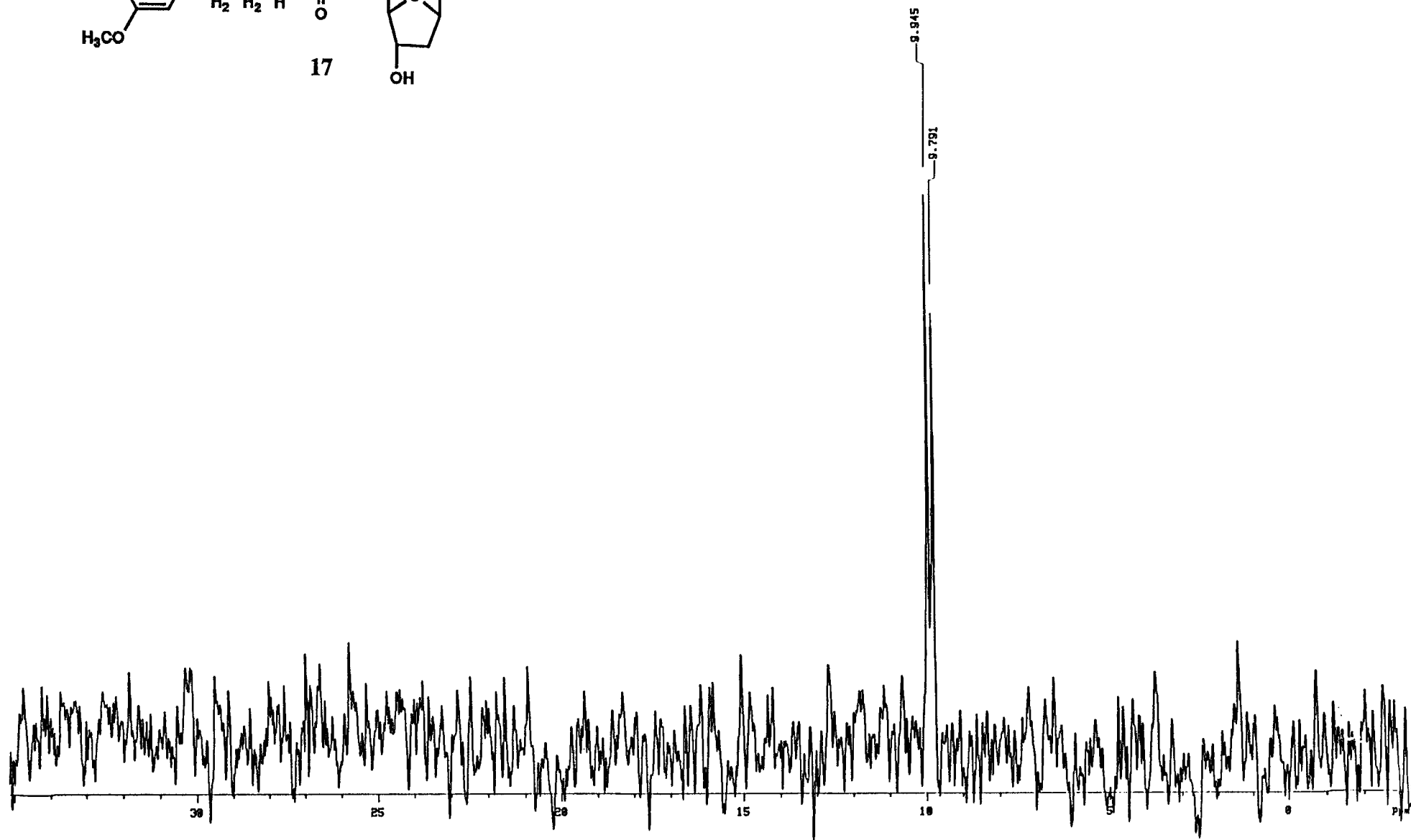
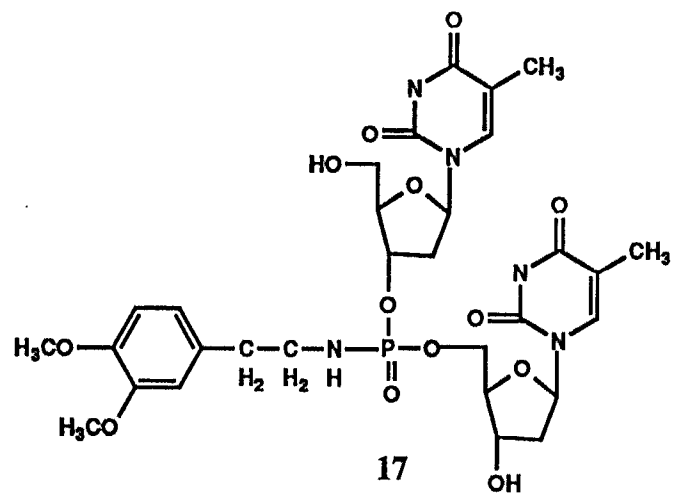




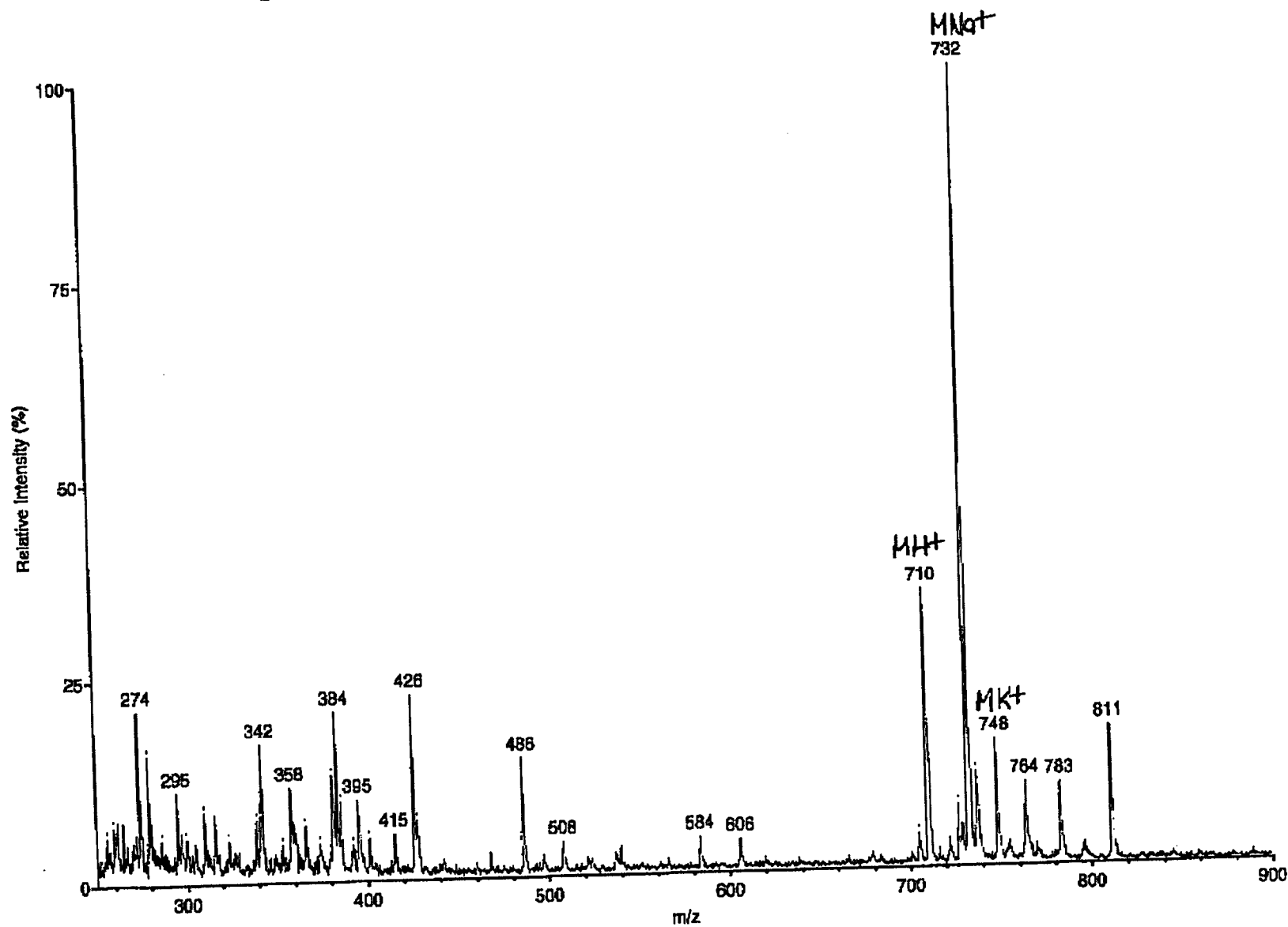


Compound 16

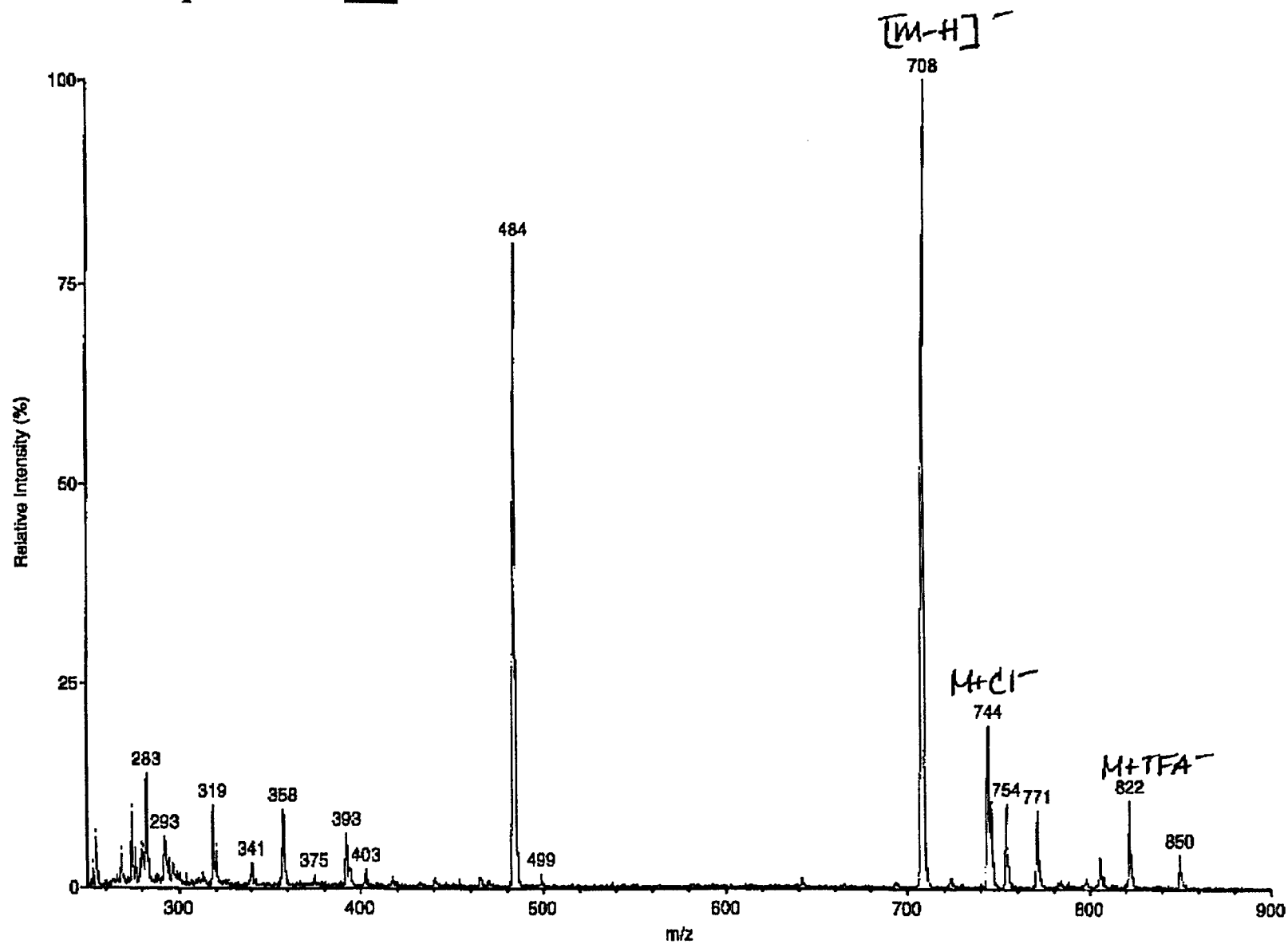


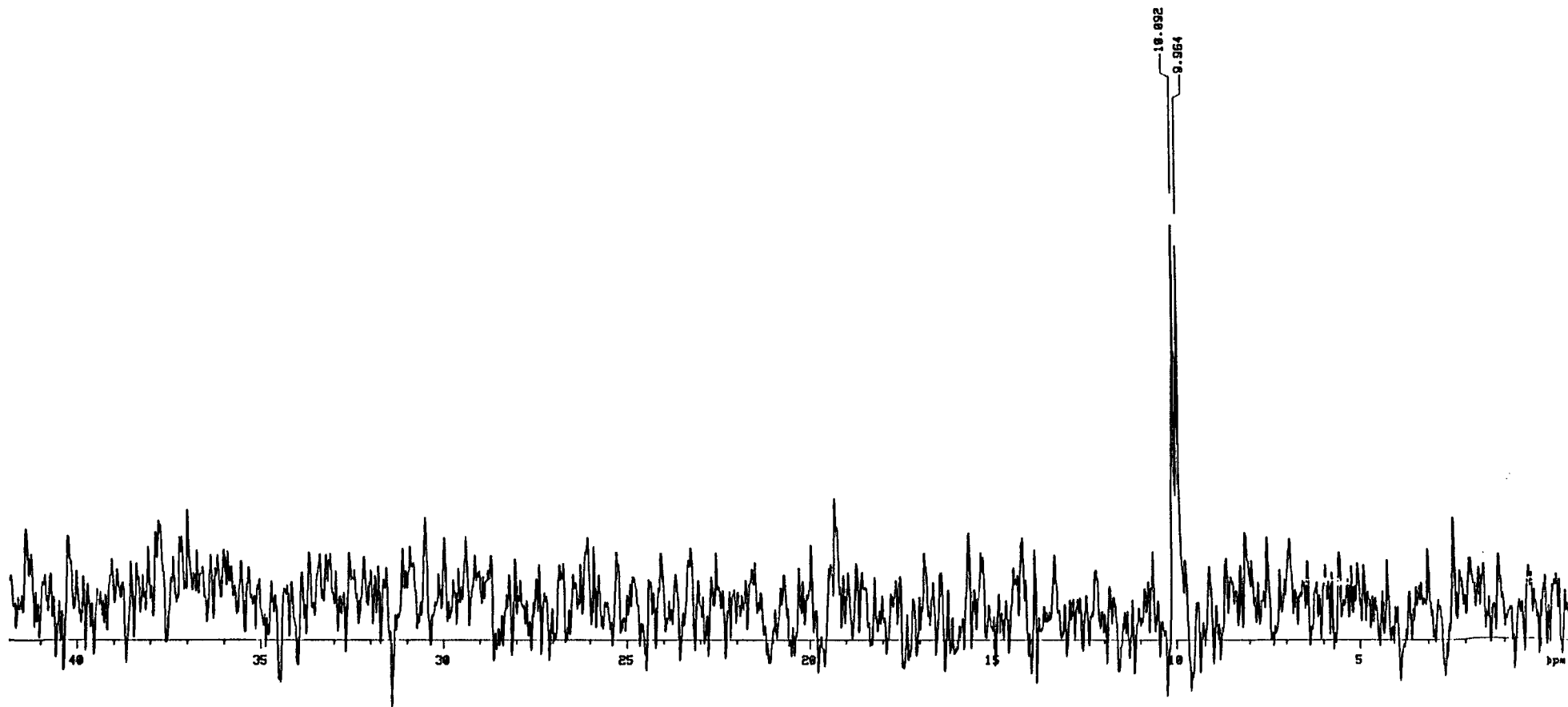
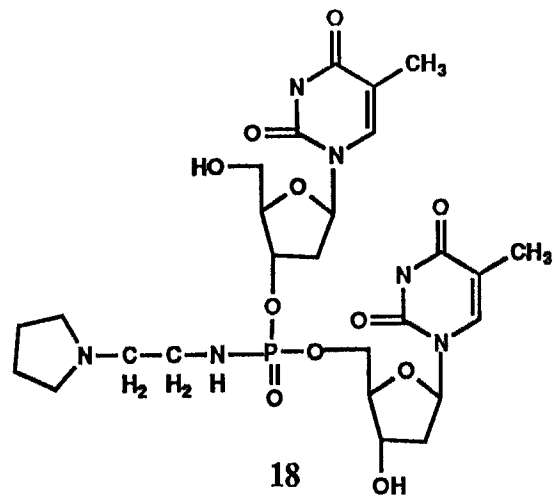


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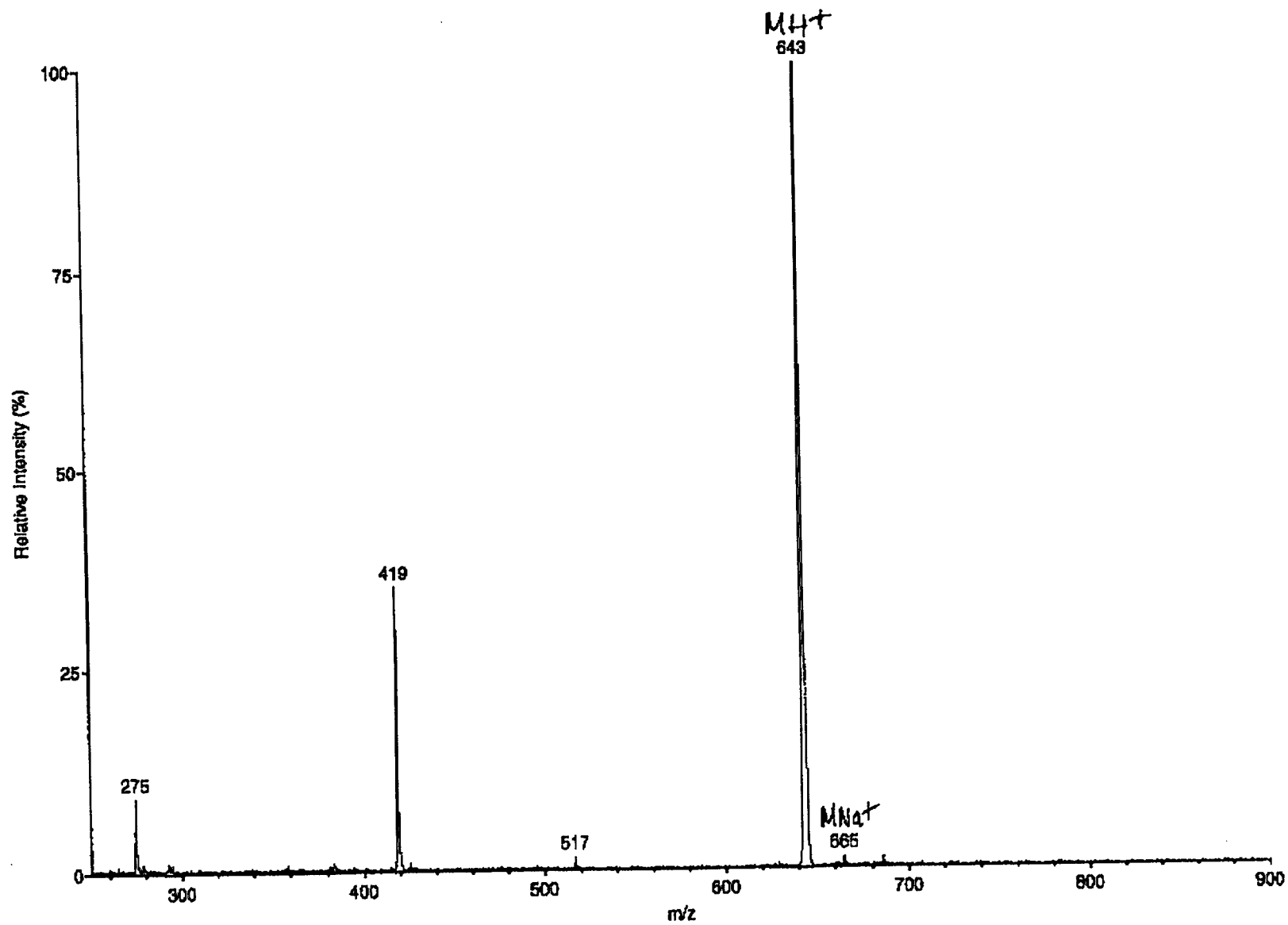


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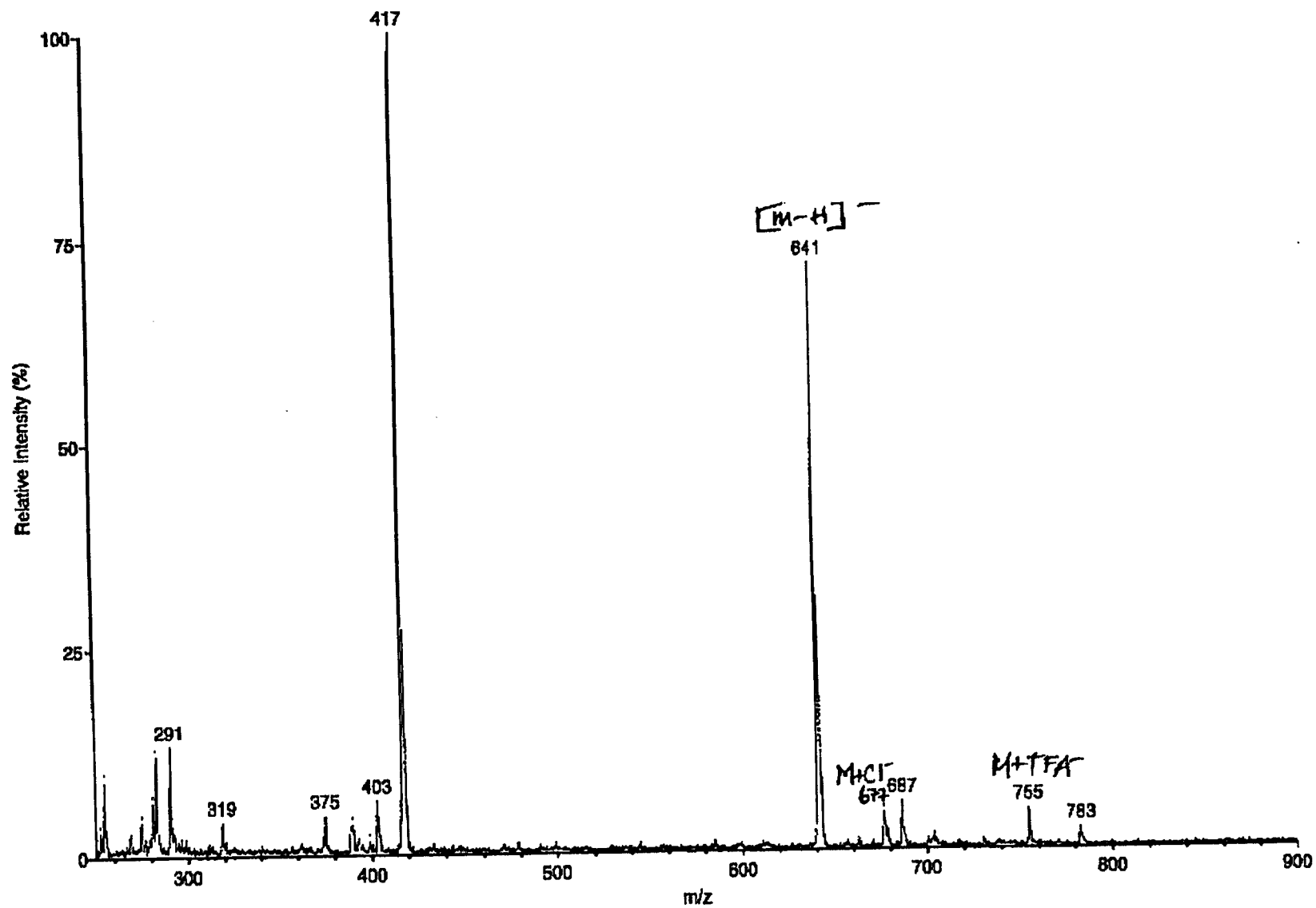


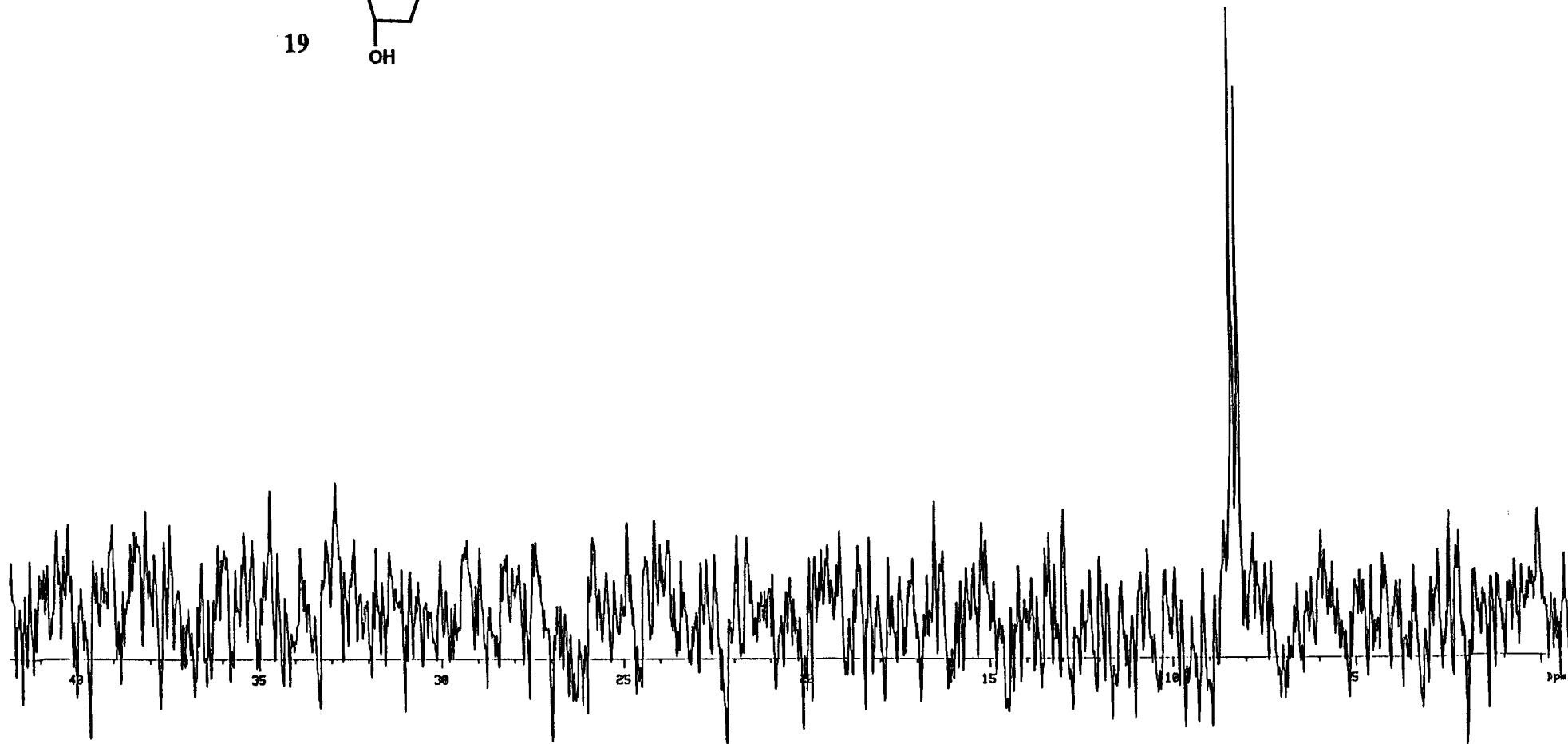
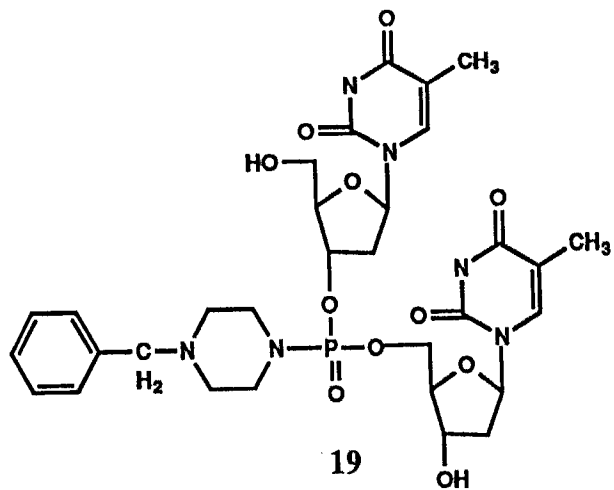


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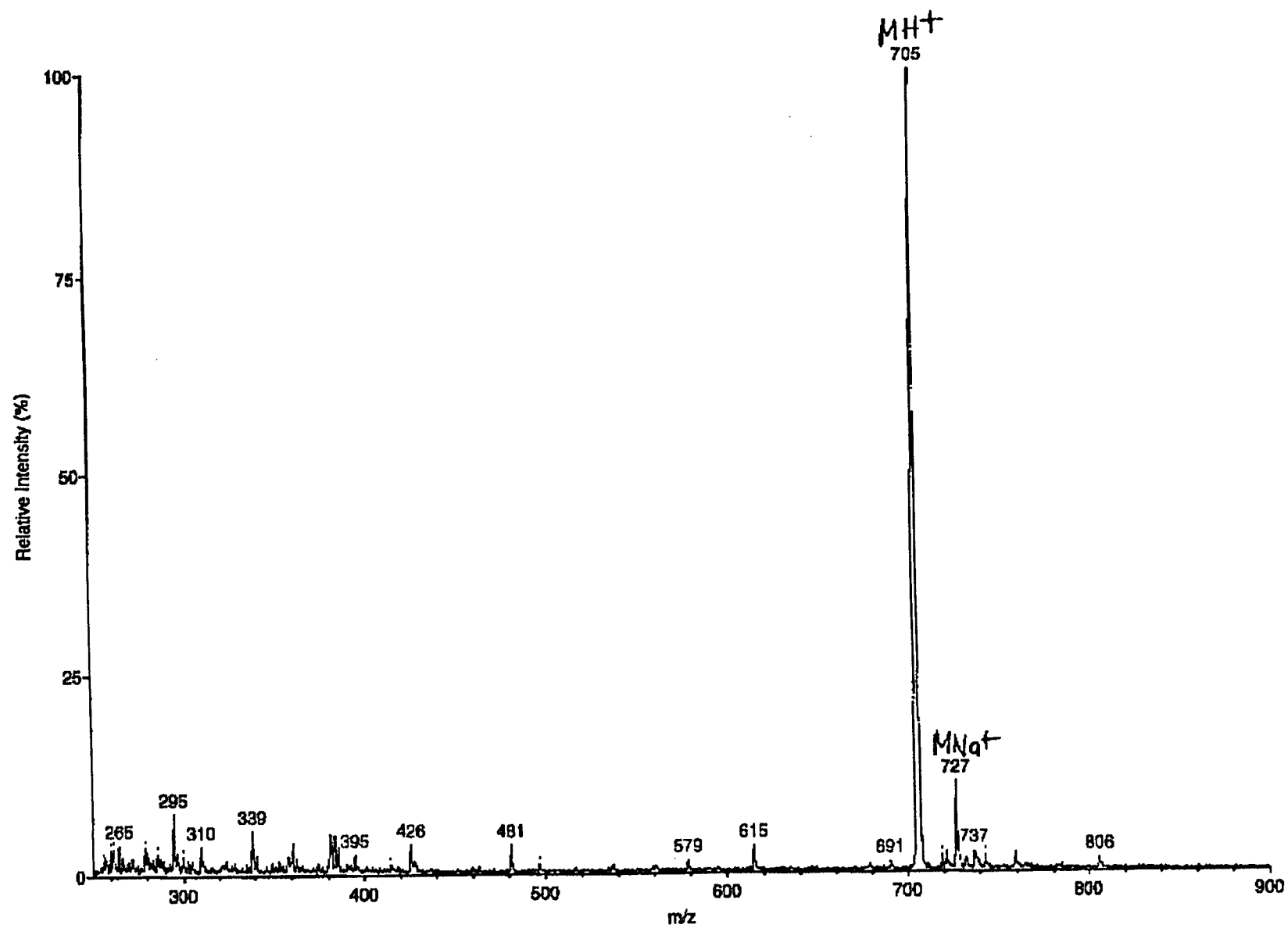


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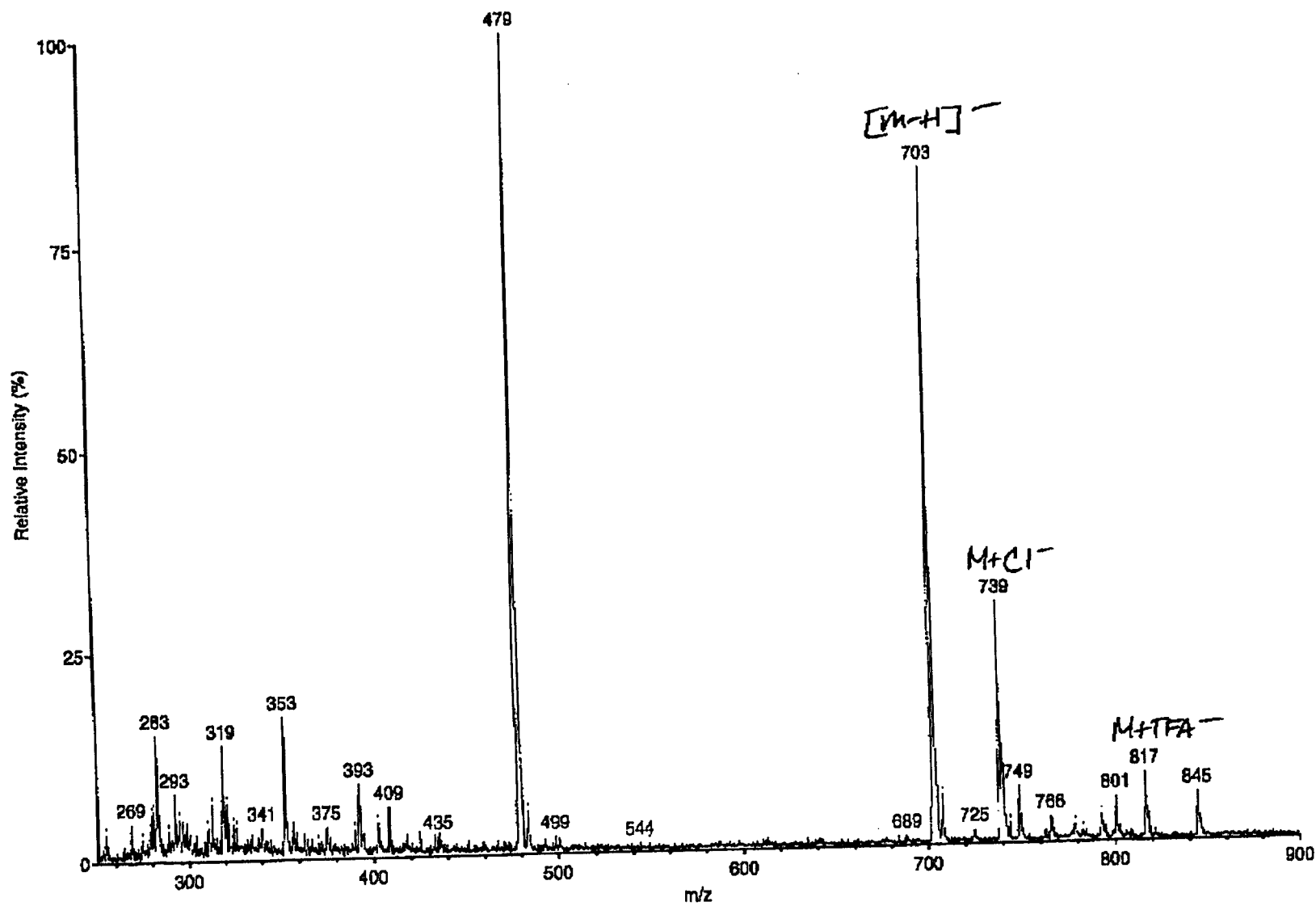


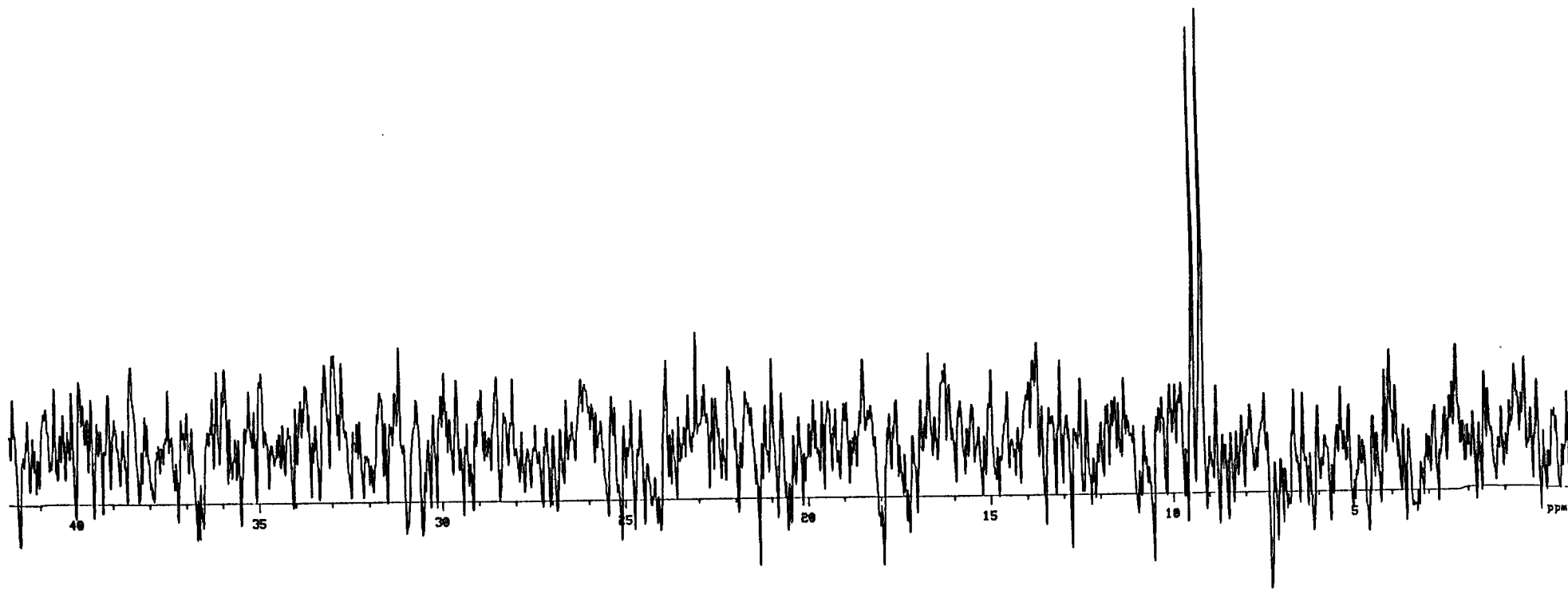
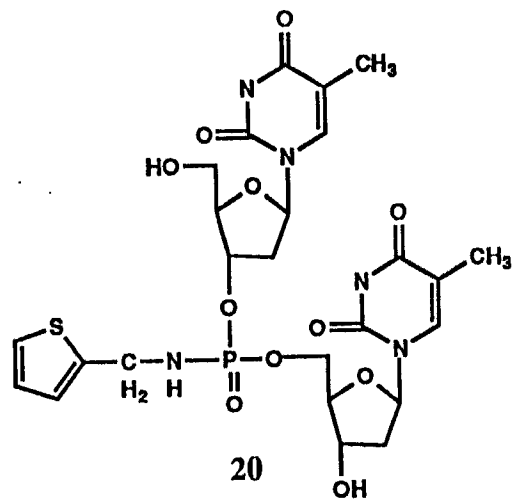


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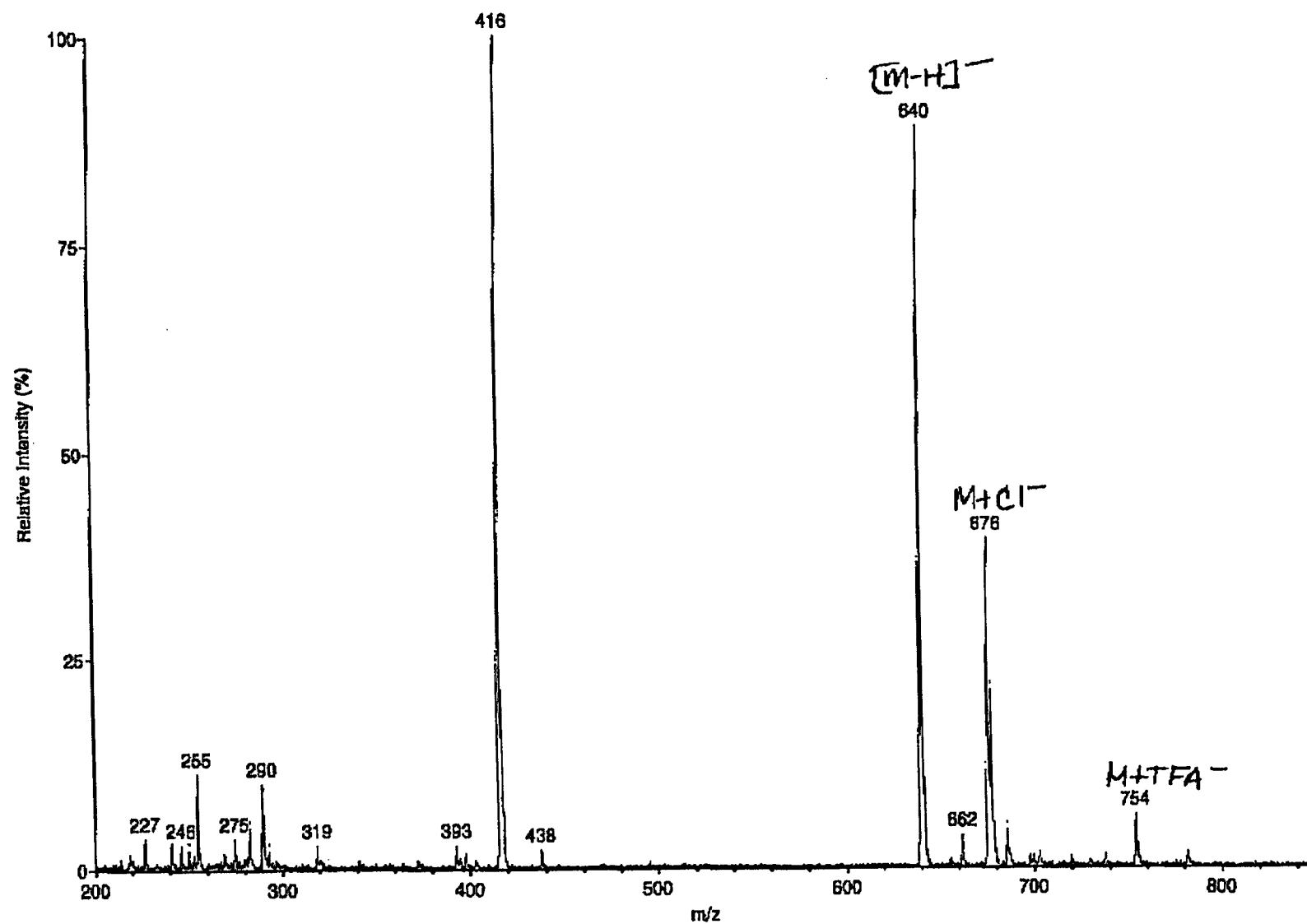


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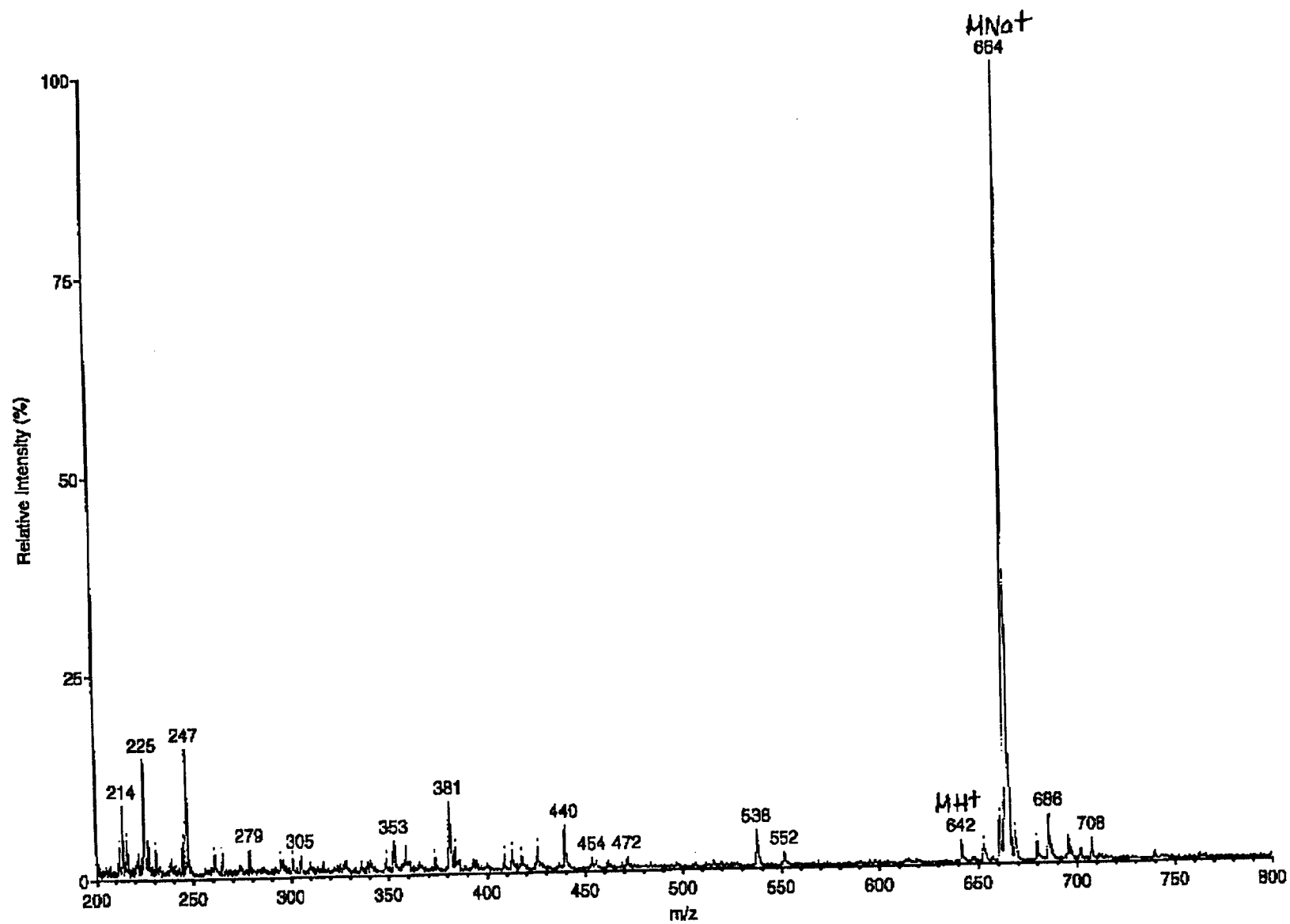




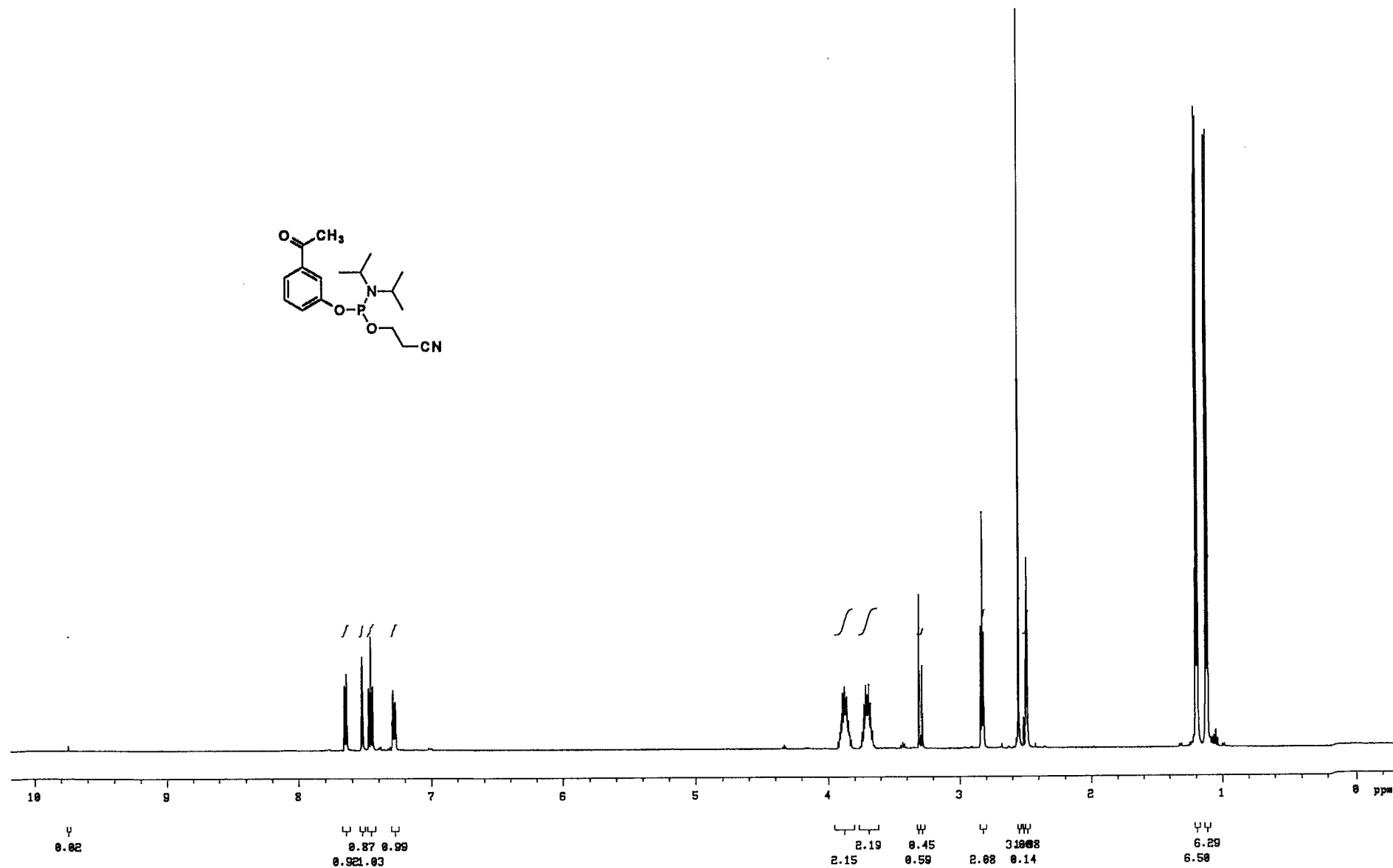
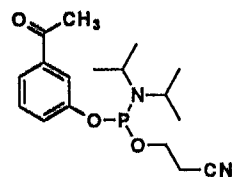
Compound 20



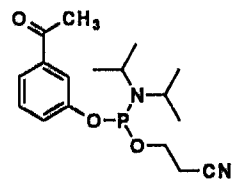
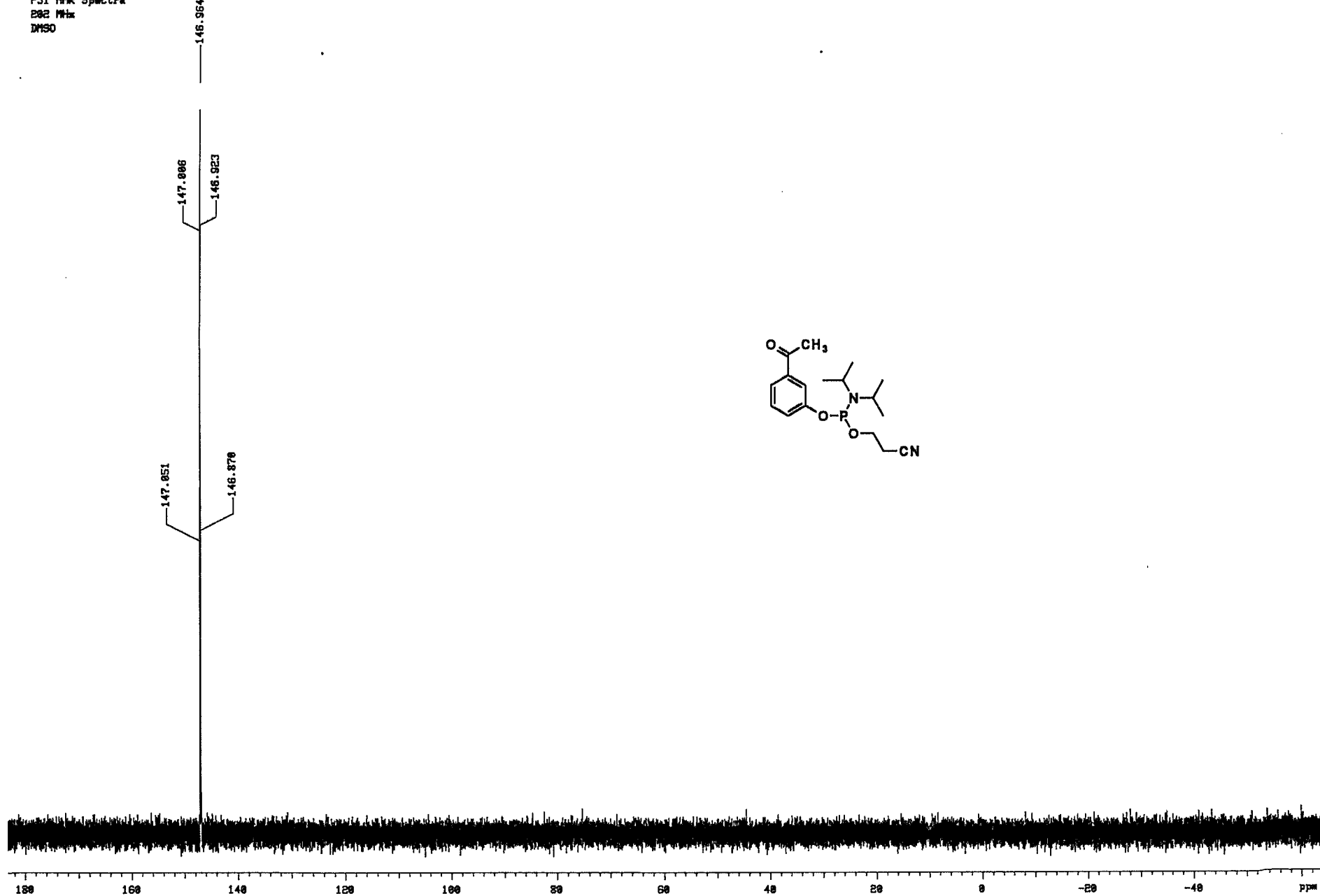
Compound 20



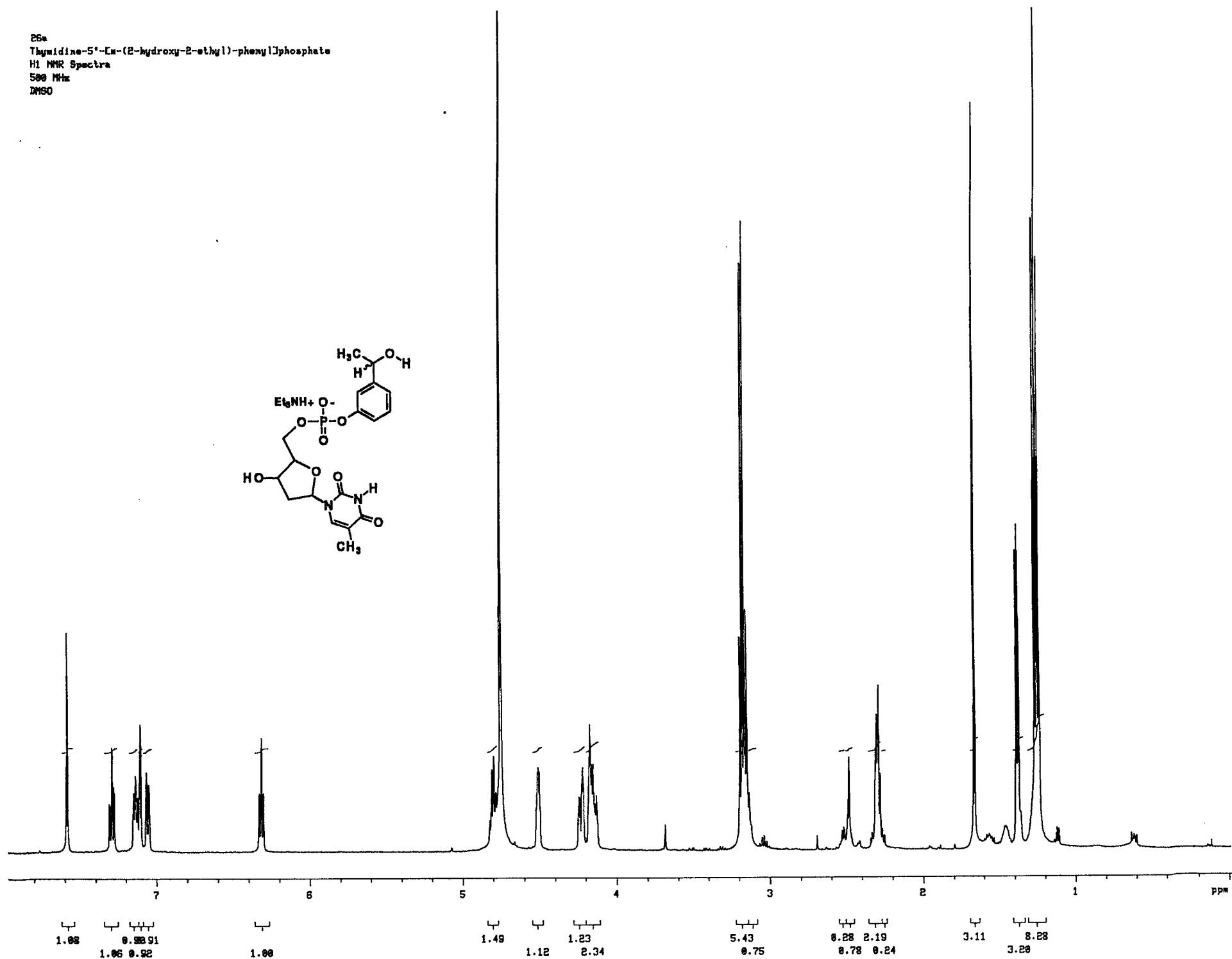
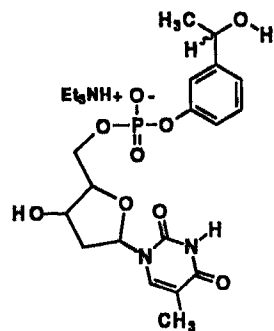
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 3-Acetylphenyl E-cyanoethyl N,N-diisopropyl phosphoramidite
 H1 NMR Spectra
 500 MHz
 DMSO



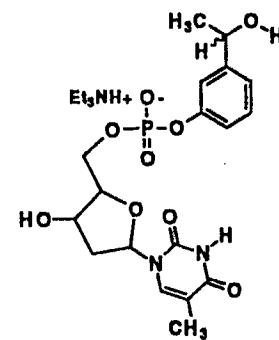
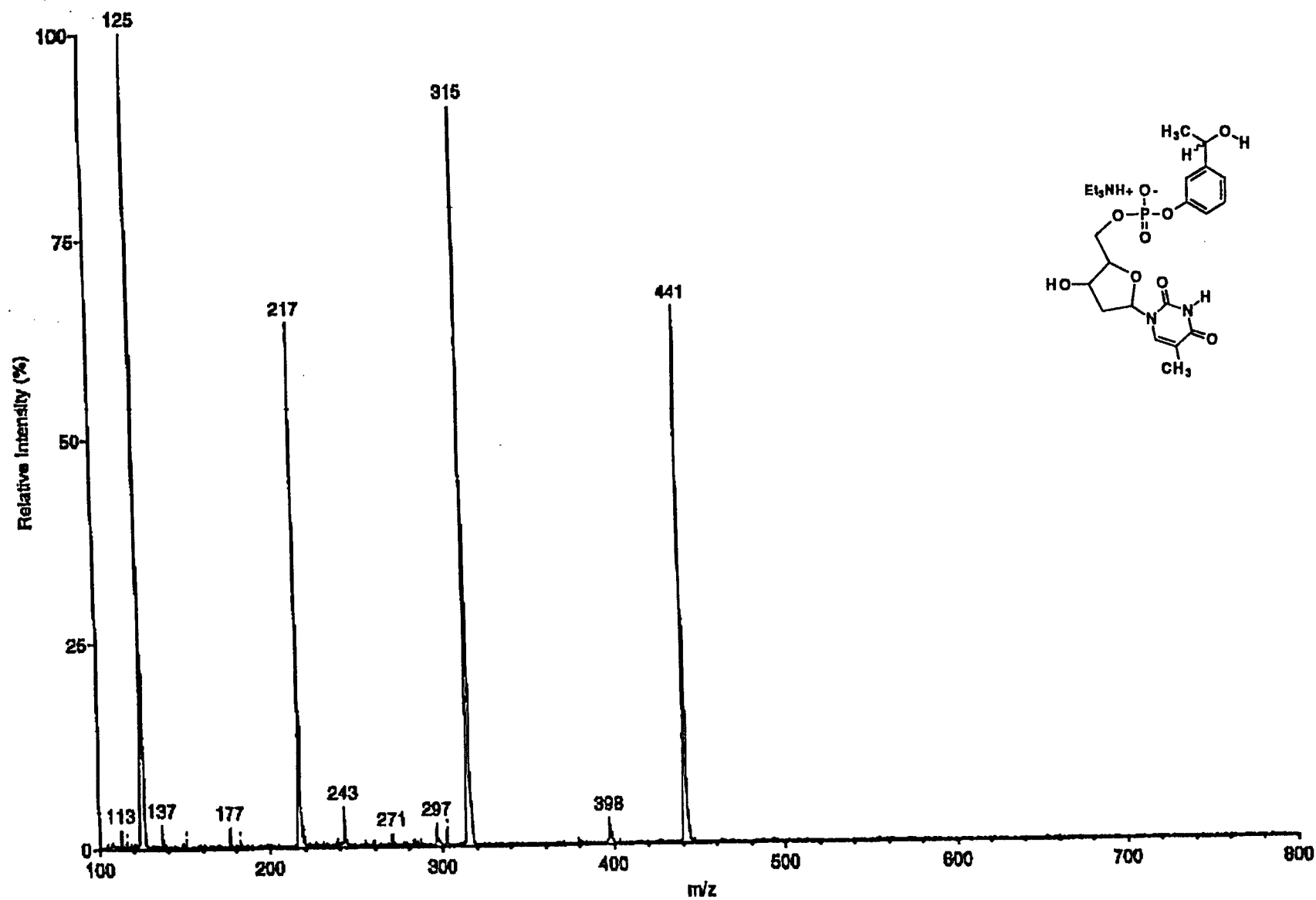
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 3-Acetylphenyl 2-cyanoethyl N,N-diisopropyl phosphoramidite
 P31 NMR Spectra
 202 MHz
 DMSO



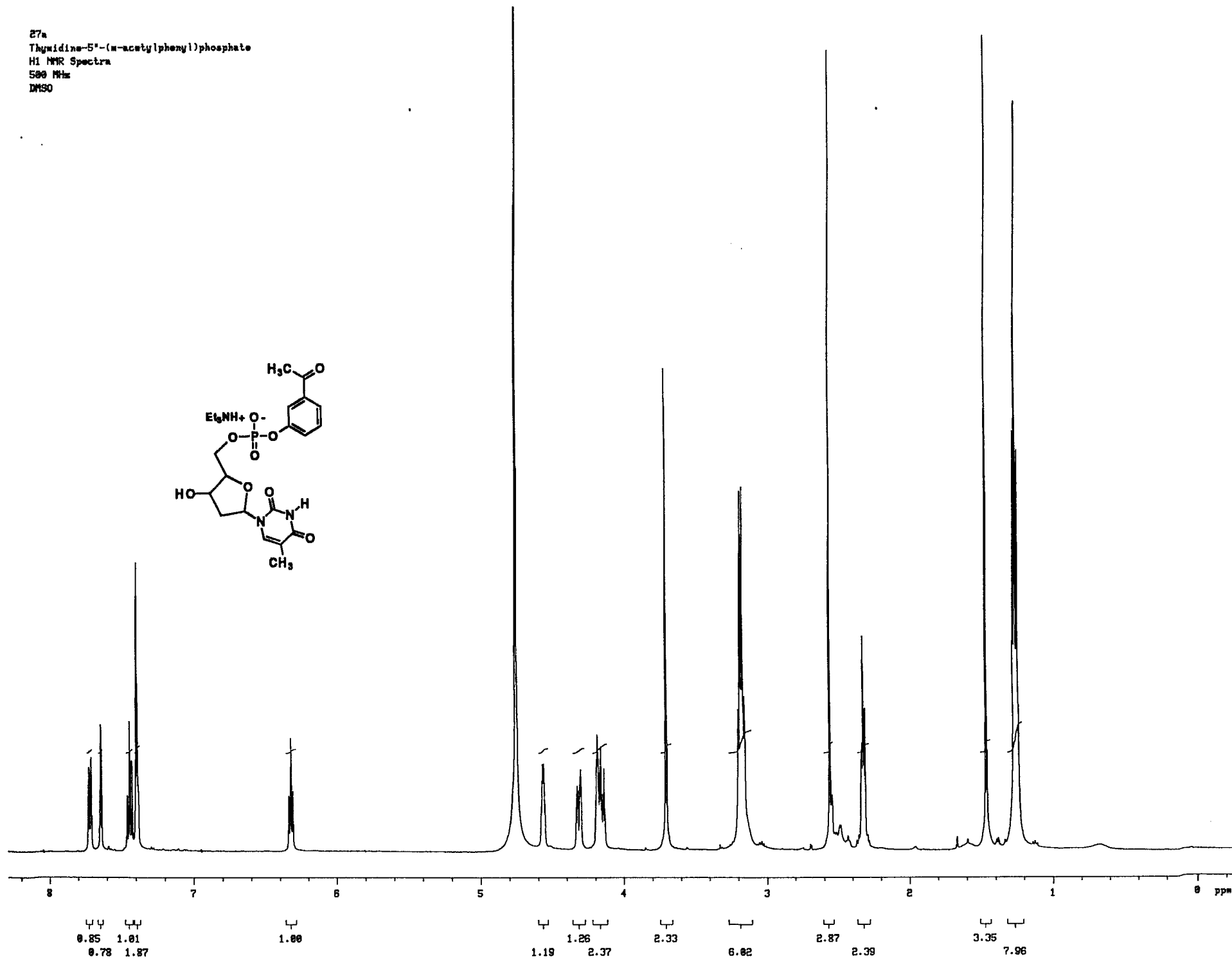
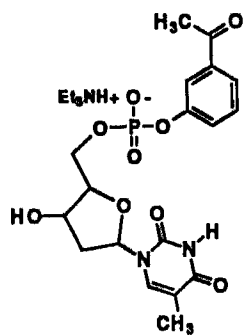
26a
 Thymidine-5'-[m-(2-hydroxy-2-ethyl)-phenyl]phosphate
 H1 NMR Spectra
 500 MHz
 DMSO



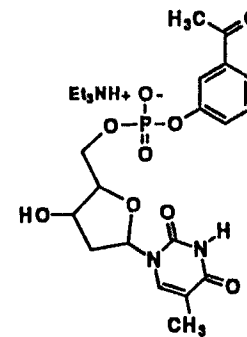
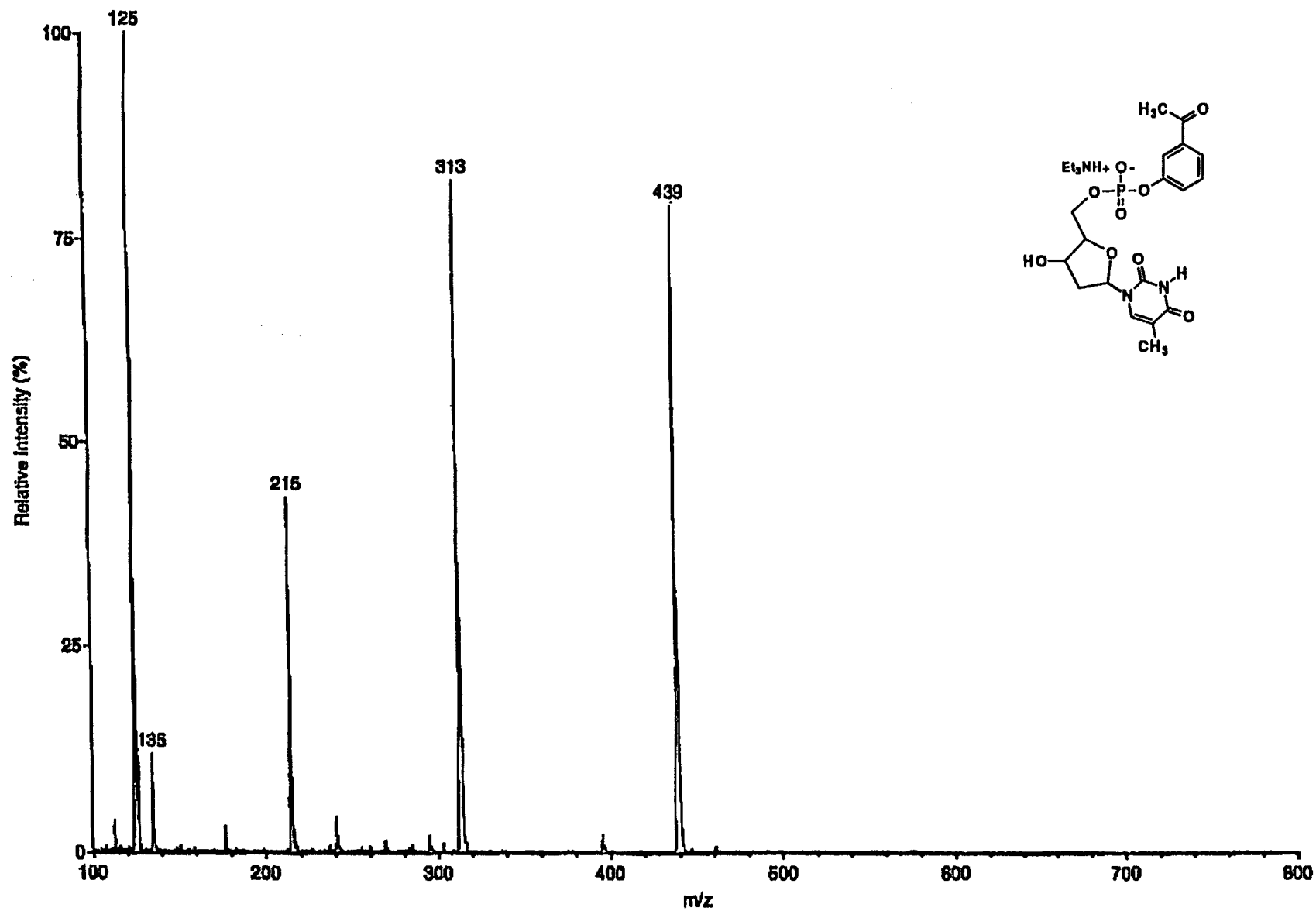
26a
Thymidine-5'-[m-(2-hydroxy-2-ethyl)-phenyl]phosphate
Mass Spectrum



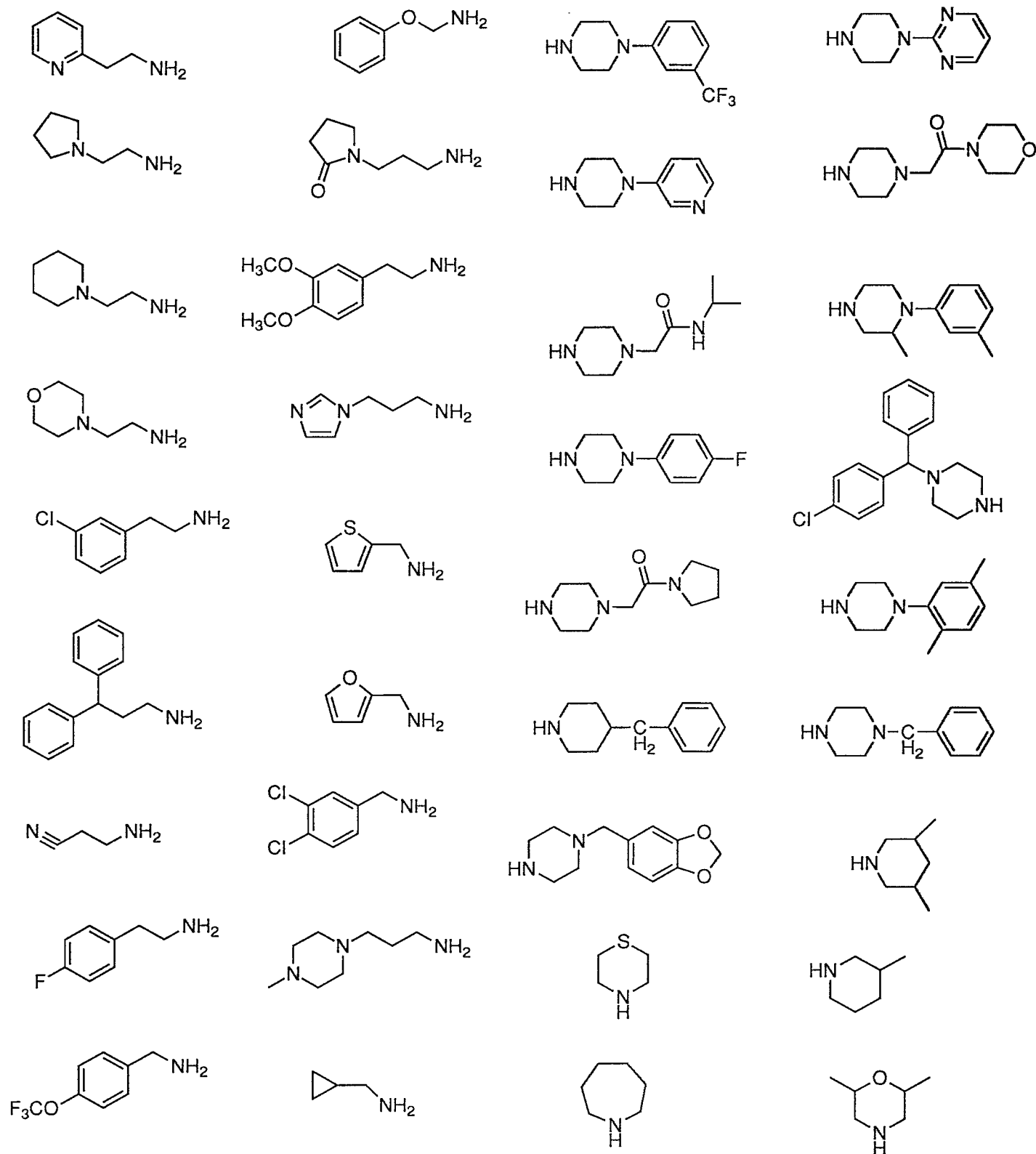
27a
 Thymidine-5'-(*m*-acetylphenyl)phosphate
 H1 NMR Spectra
 500 MHz
 DMSO



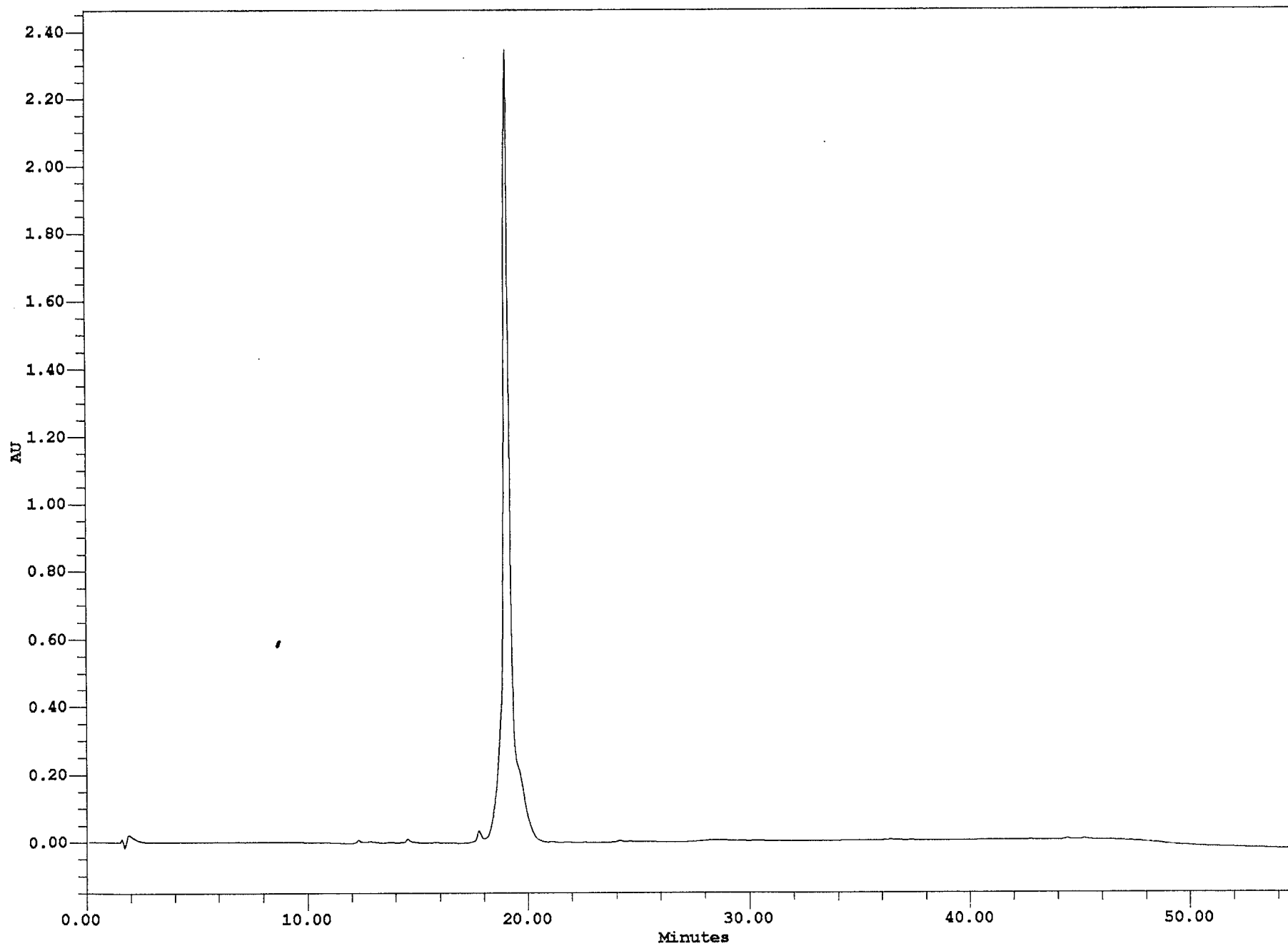
27a
Thymidine-5'-(m-acetylphenyl)phosphate
Mass Spectrum

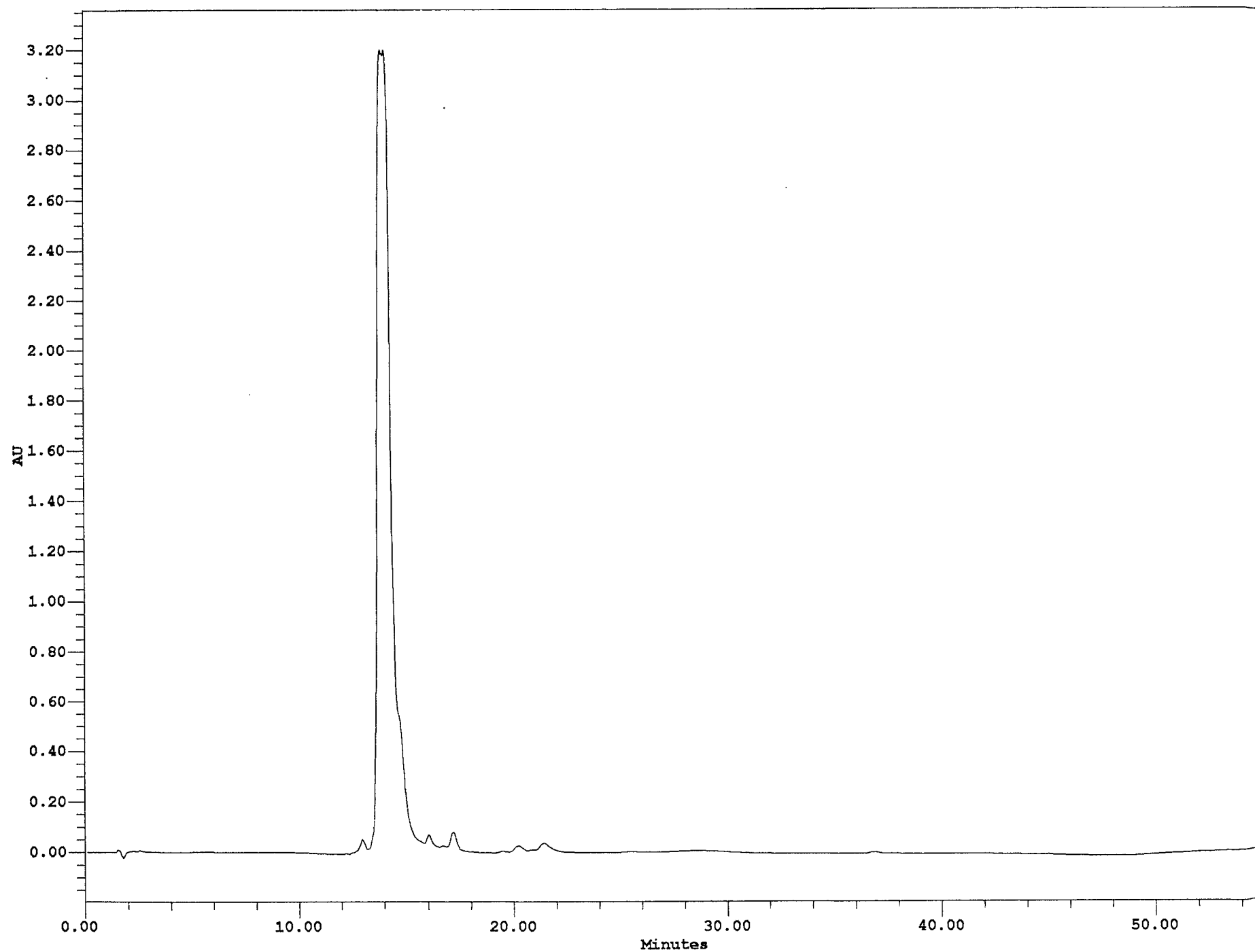


AMINES EMPLOYED FOR THE SYNTHESIS OF PHOSPHORAMIDATE LIBRARIES

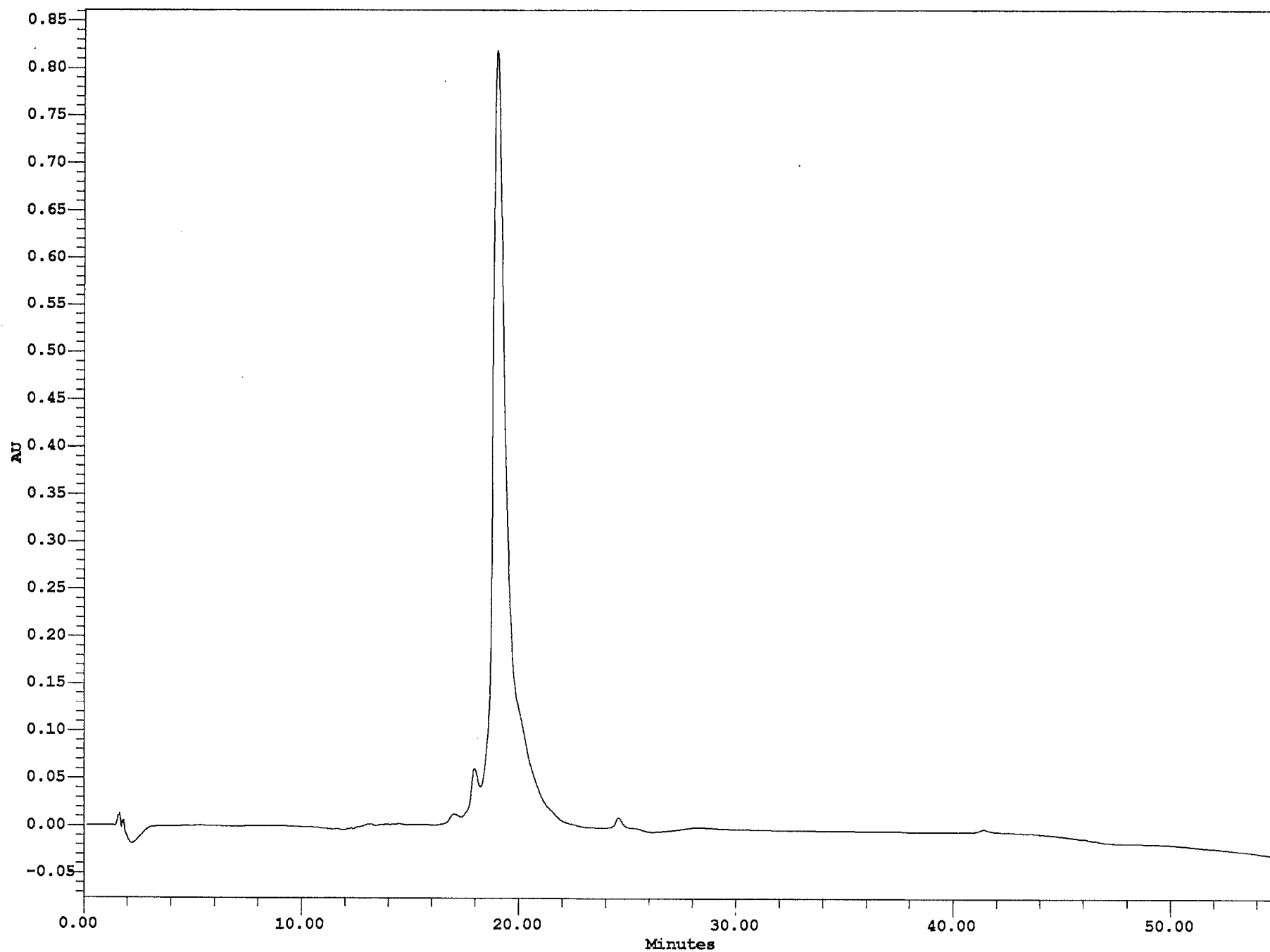


1-O-(4,4'-Dimethoxytrityl)-(S)-(+)-1,2-propanediol (2a)

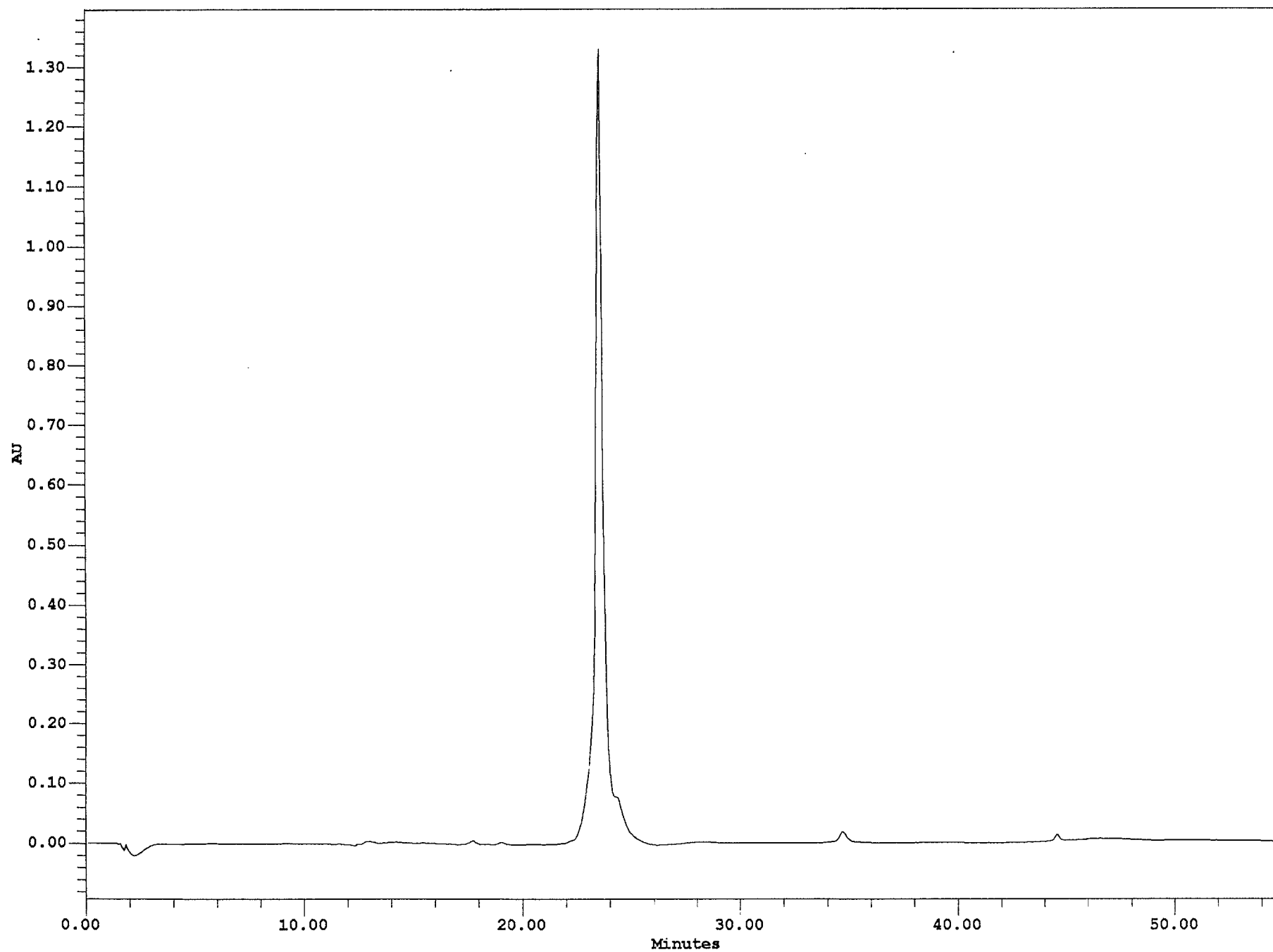




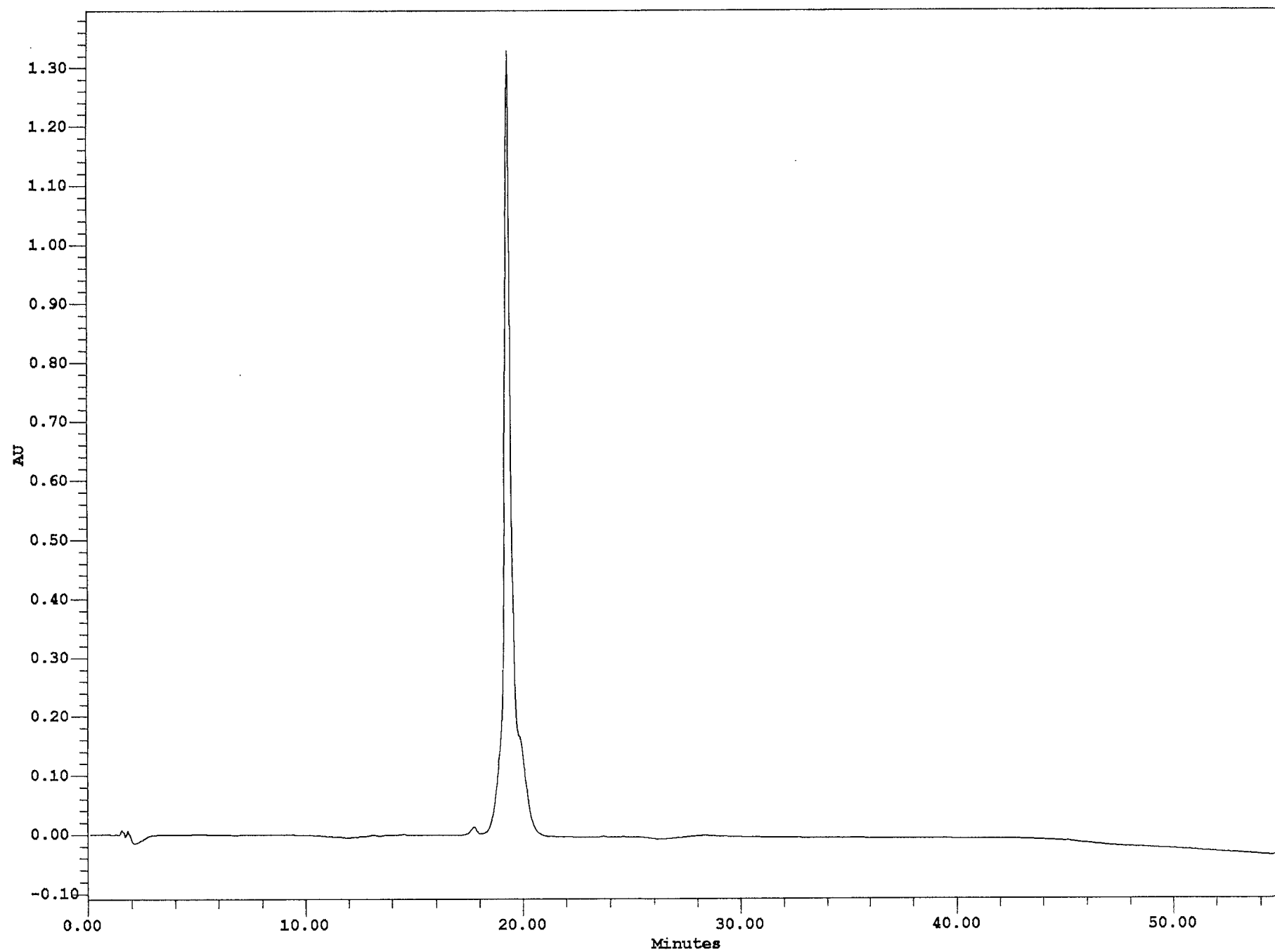
1-O-(4,4'-Dimethoxytrityl)-3-(diethylamino)-1,2-propanediol (4a)



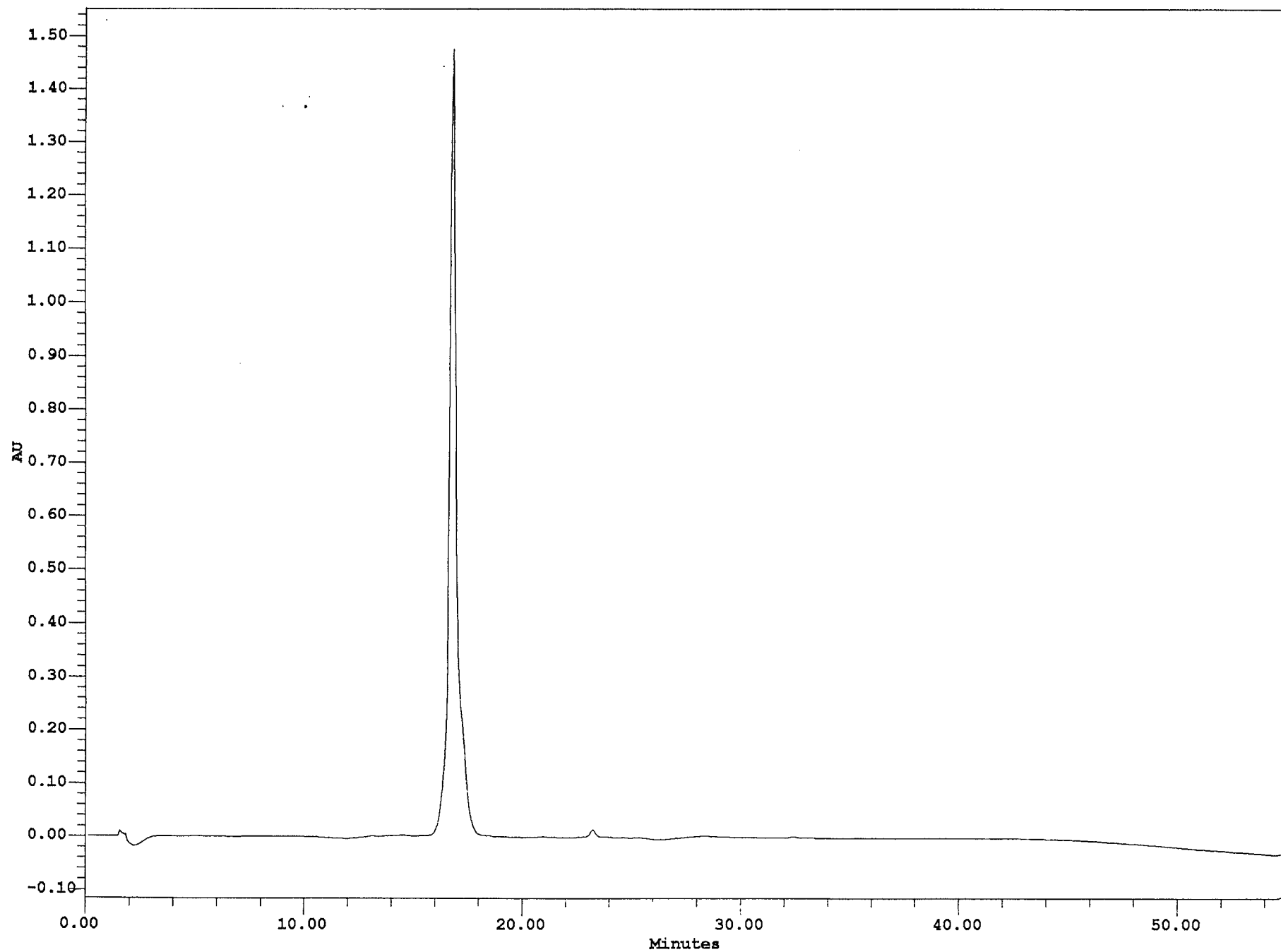
1-O-(4,4'-Dimethoxytrityl)-3-(4-methoxyphenoxy)-1,2-propanediol (6a)

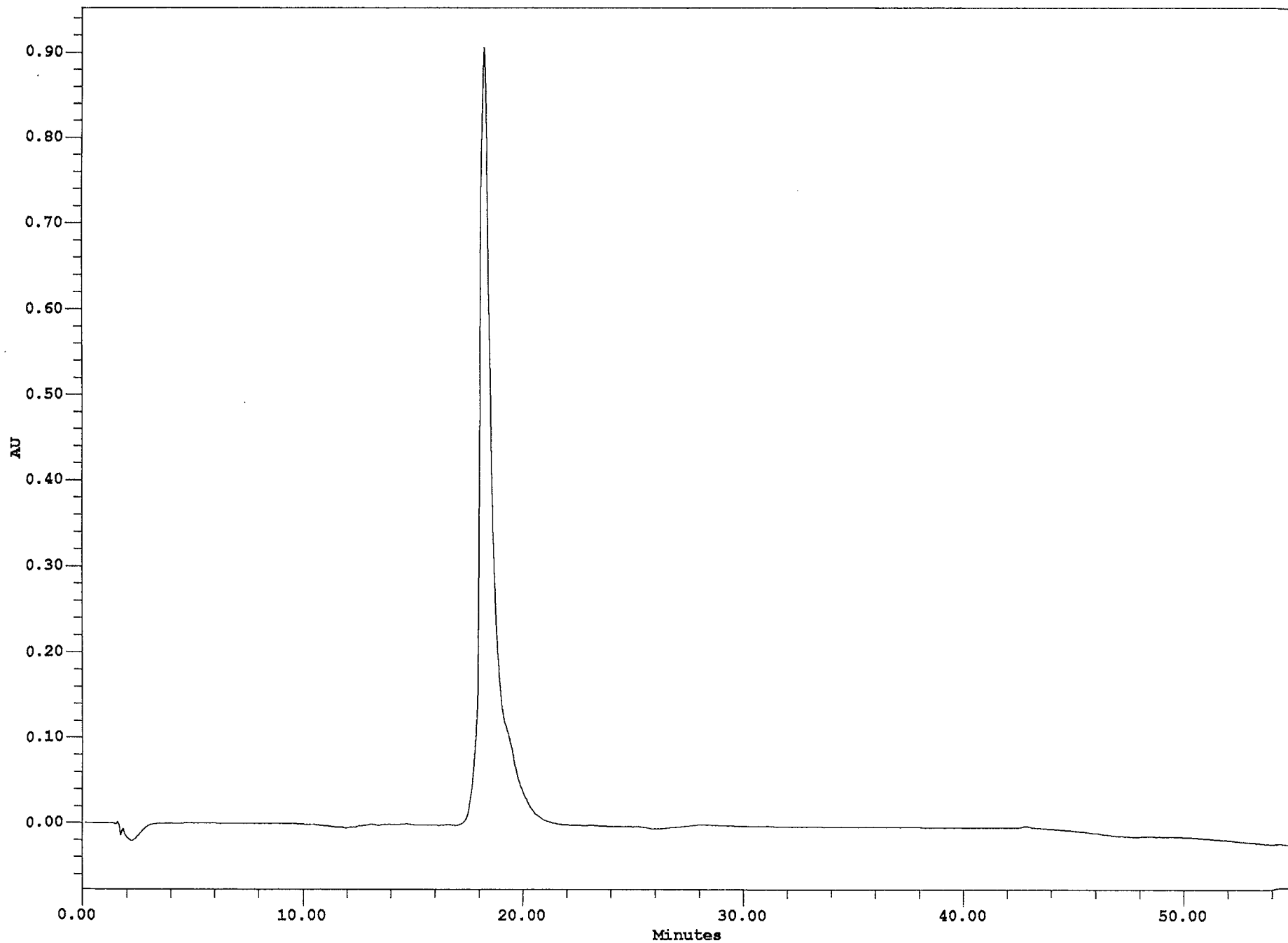


2-O-(4,4'-Dimethoxytrityl)methyl-2,6-bis(hydroxymethyl)pyridine (7a)

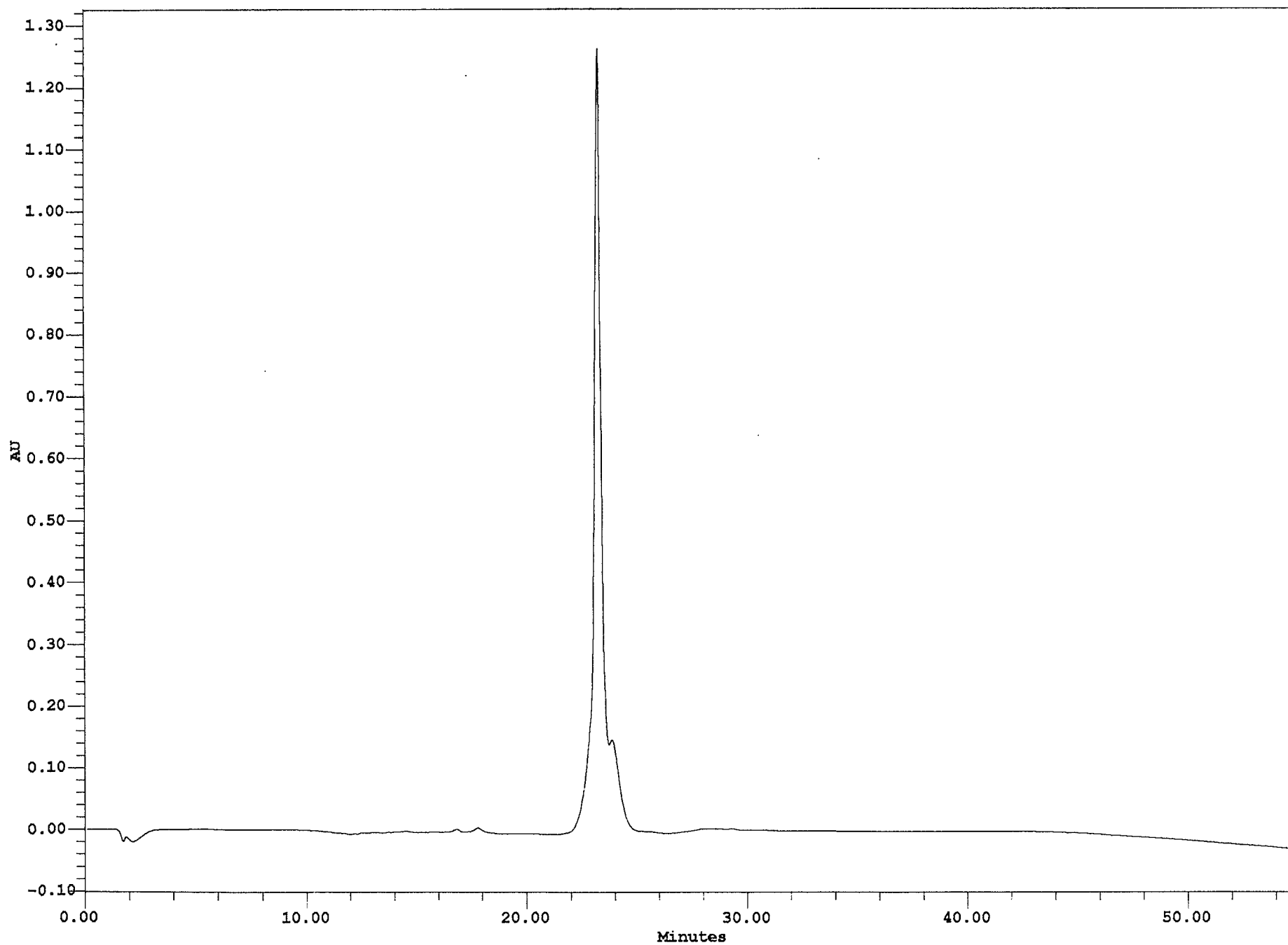


7-[1-(3-O-(4,4'-Dimethoxytrityl)-2,3-dihydroxypropyl)]-theophylline (8a)

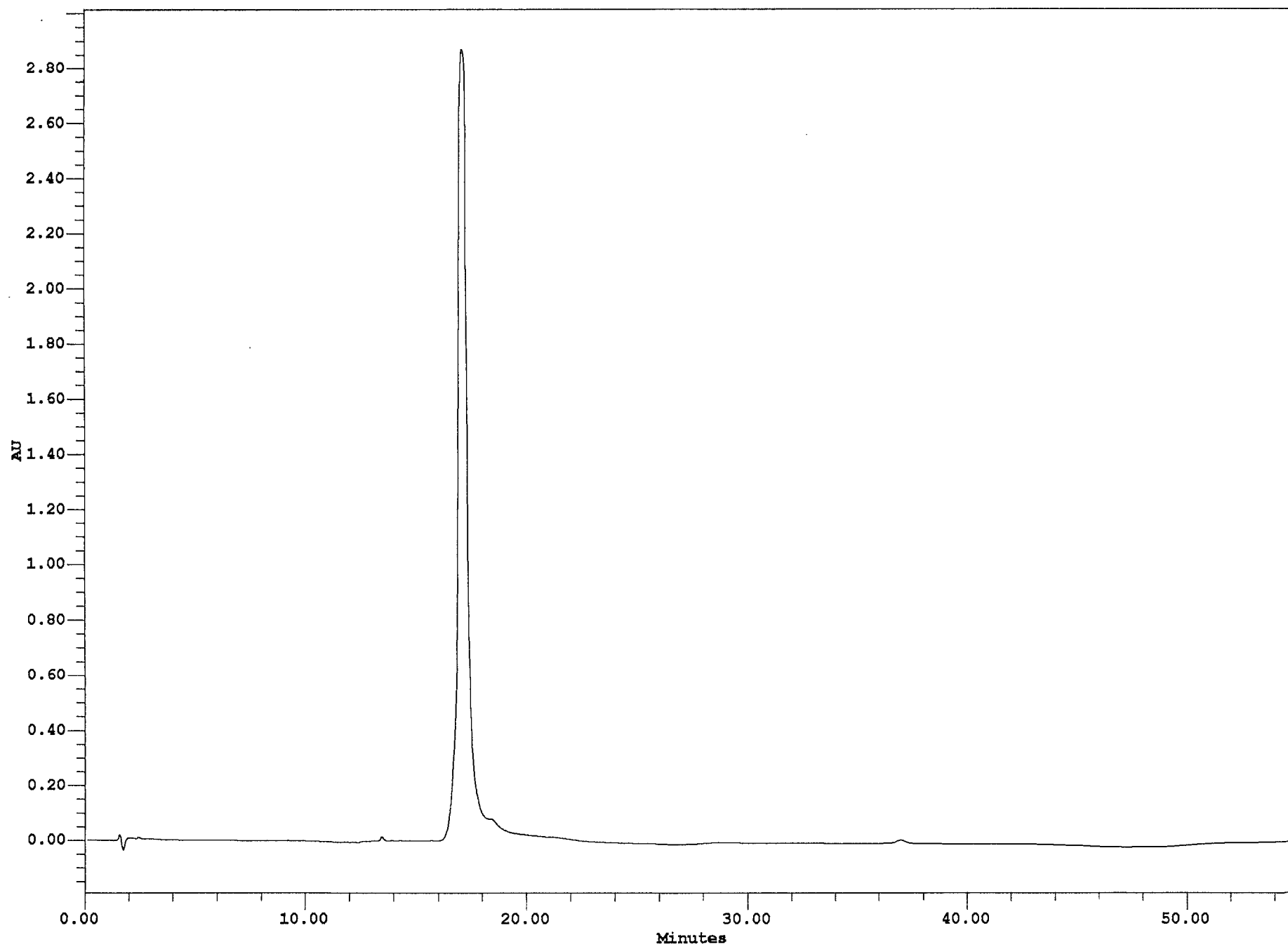




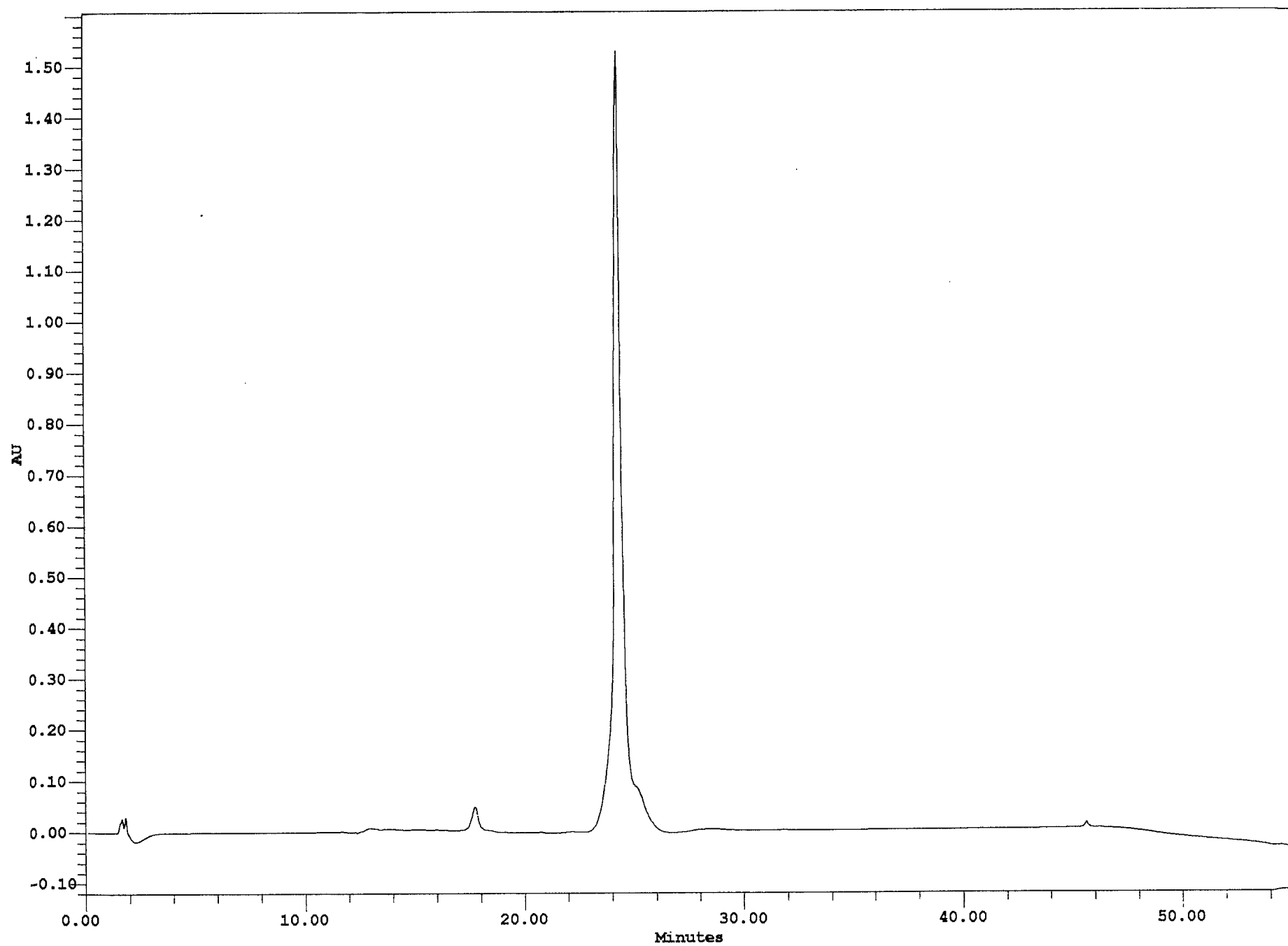
O-(4,4'-Dimethoxytrityl)hydroquinone bis(2-hydroxyethyl) ether (10a)



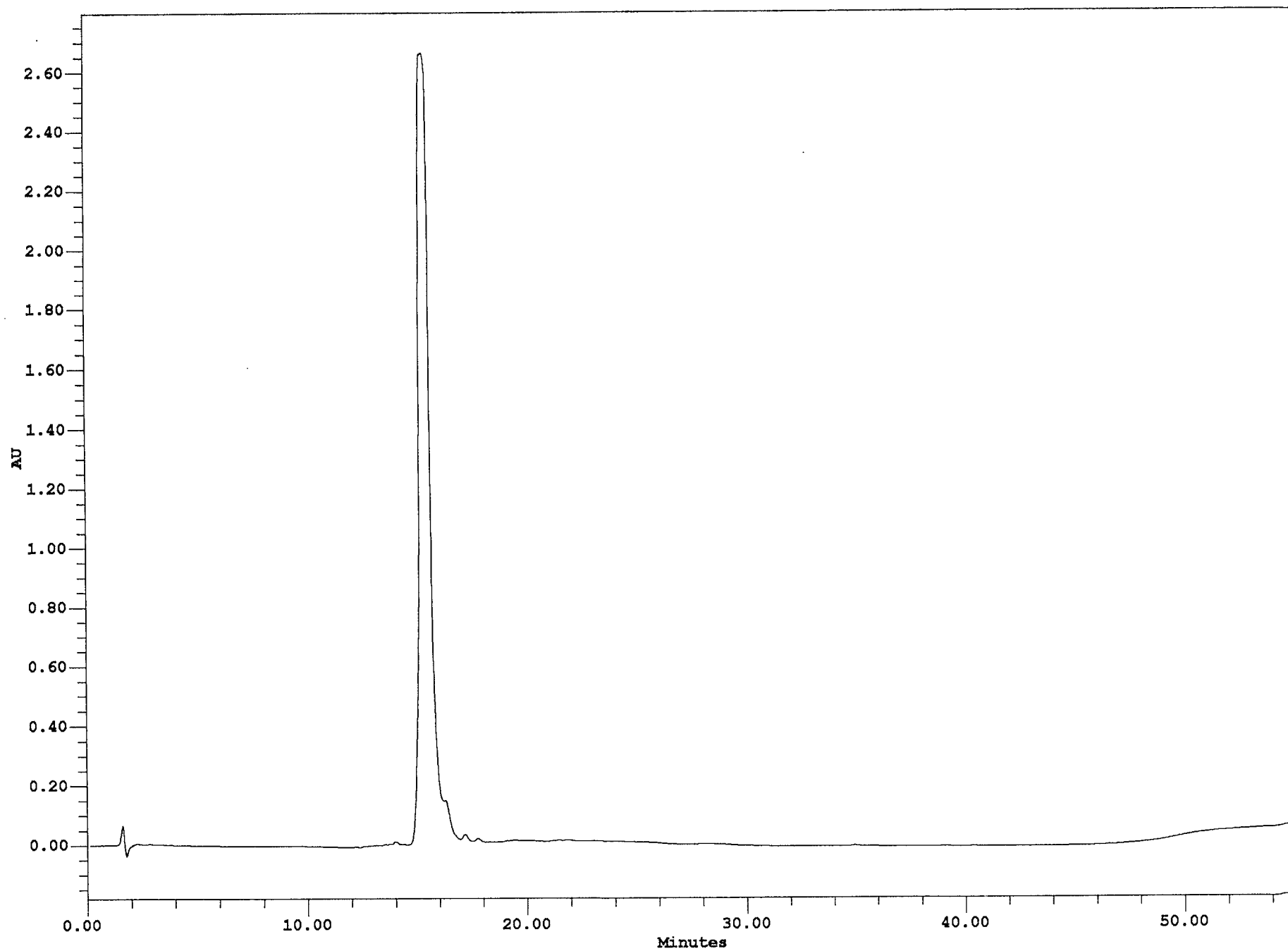
4-O-(4,4'-Dimethoxytrityl)pyridoxine (11a)



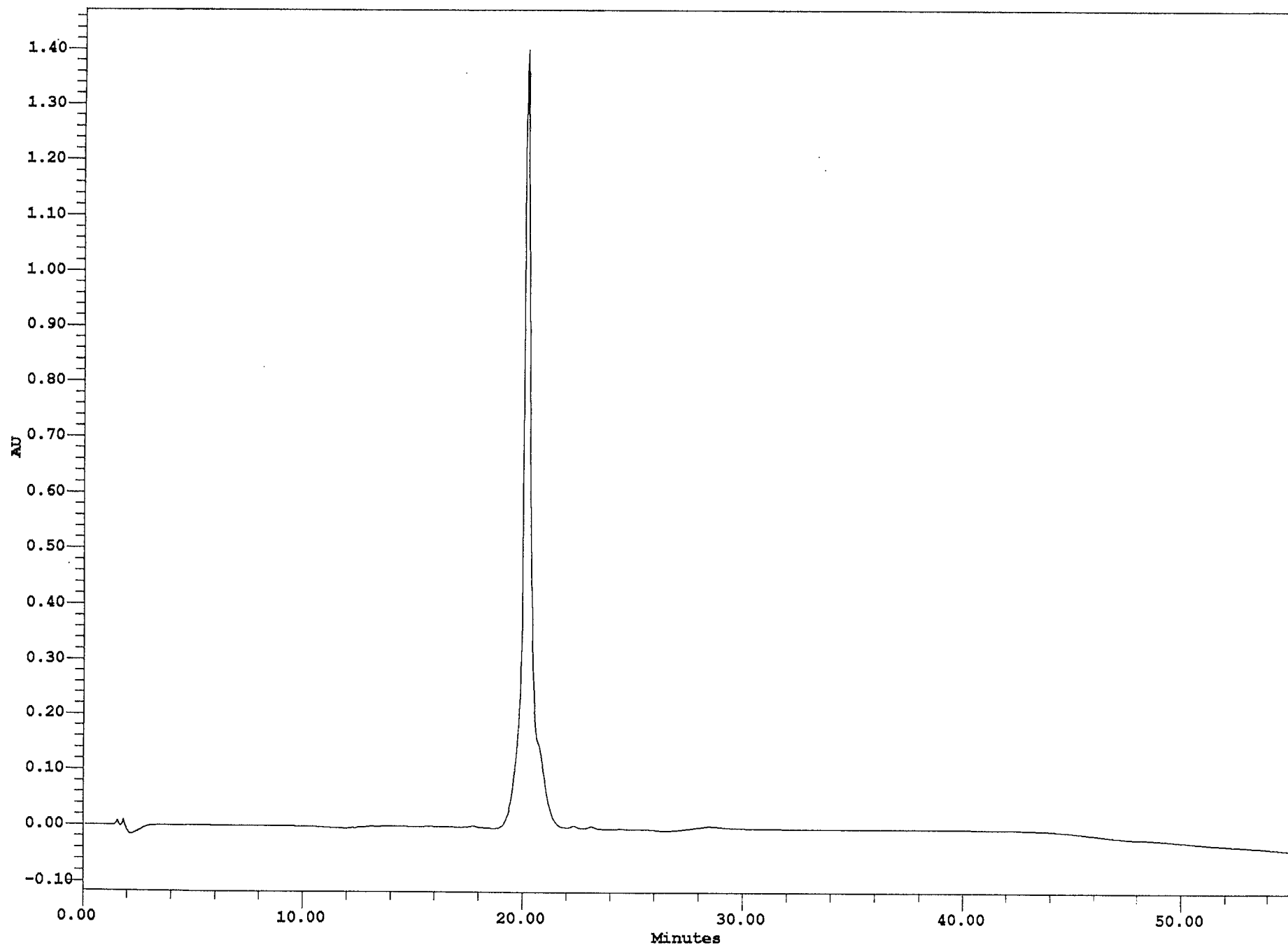
3-O-(4,4'-Dimethoxytrityl)-(R)-1-phenyl-1,3-propanediol (12a)



3-O-(4,4'-Dimethoxytrityl)-(1S,2S)-(+)-2-trifluoroacetamido-1-phenyl-1,3-propanediol-H-phosphonate (13b)



7-O-(4,4'-Dimethoxytrityl)-(7R,8R and 7S,8S)-trans-7,8-dihydroxy-3,4-dicarboxymethyl-exo-tricyclo[4.2.1.0 2,5]-non-3-ene (14a)



11-O-(4,4'-Dimethoxytrityl)-d(11R,12R and 11S,12S)dj-trans-9,10-ethano-11,12-anthracenedimethanol (15a)

