

Novel Derivatives of UDP-Glucose: Concise Synthesis and Fluorescent Properties

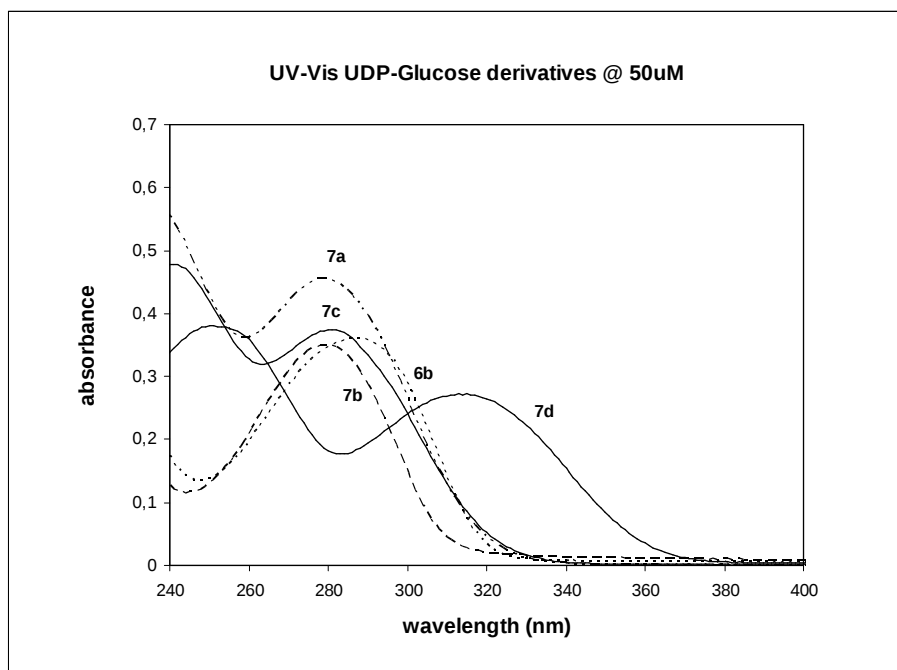
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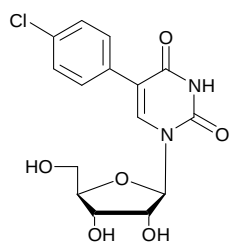
Content

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S13	5-(2-Furyl)uridine-5'-diphosphate- α -D-glucose 7d : ^1H , ^{13}C and ^{31}P NMR spectra

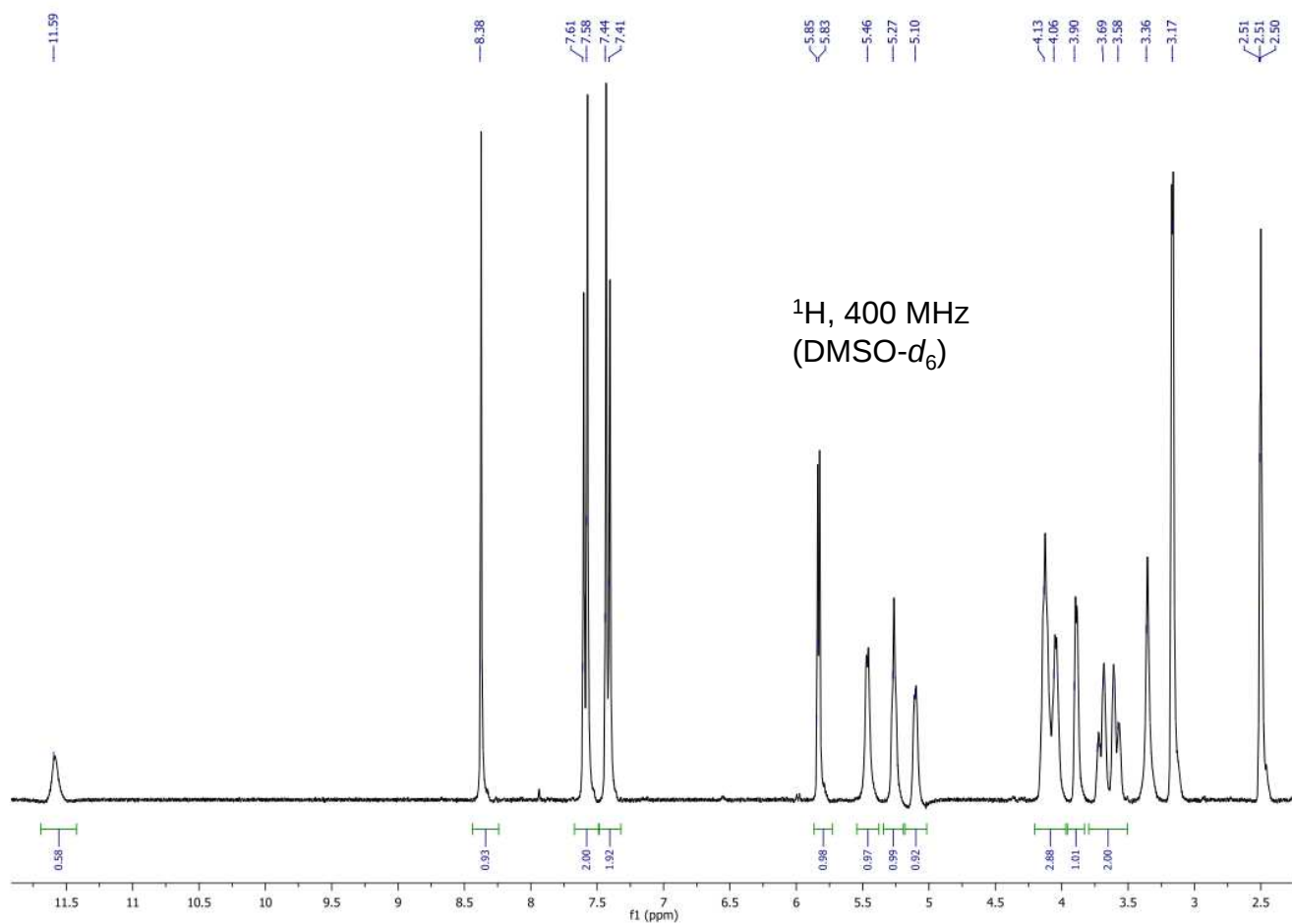
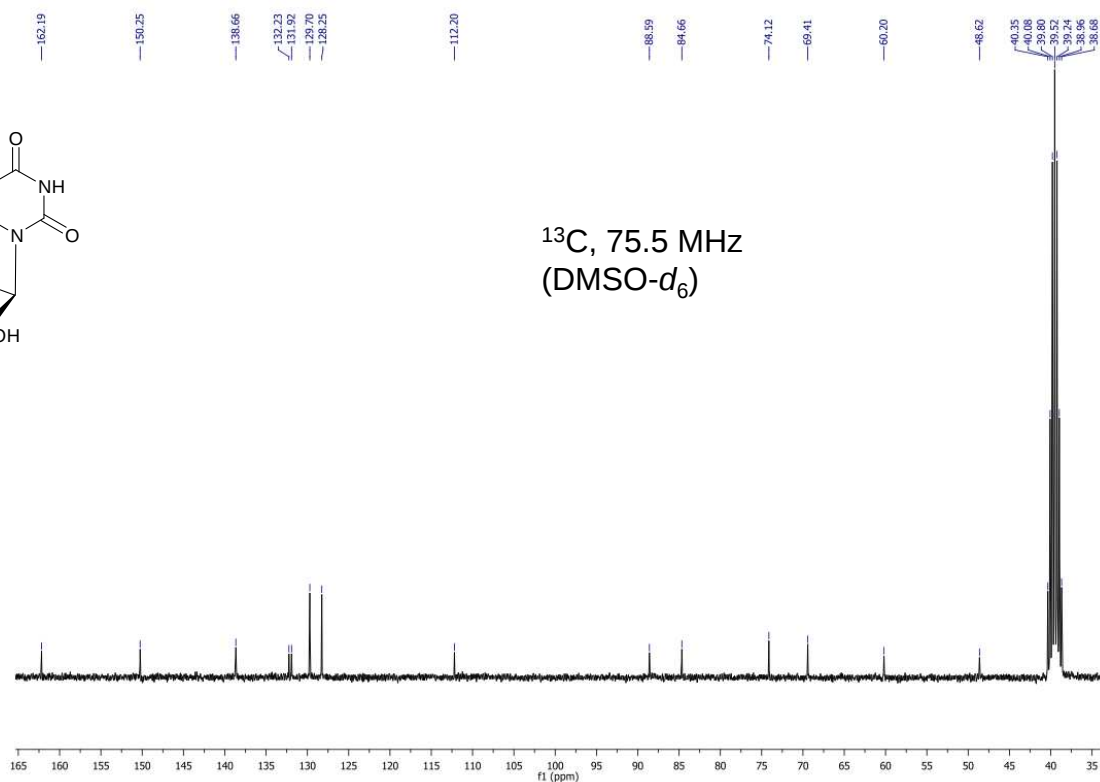
UV absorbance spectra of 5-substituted UDP-glucose derivatives **6b** and **7a-d**

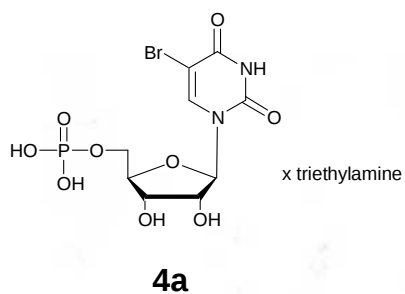


- 6b** 5-Iodouridine-5'-diphosphate- α -D-glucose
7a 5-Phenyluridine-5'-diphosphate- α -D-glucose
7b 5-(4-Methoxyphenyl)uridine-5'-diphosphate- α -D-glucose
7c 5-(4-Chlorophenyl)uridine-5'-diphosphate- α -D-glucose
7d 5-(2-Furyl)uridine-5'-diphosphate- α -D-glucose

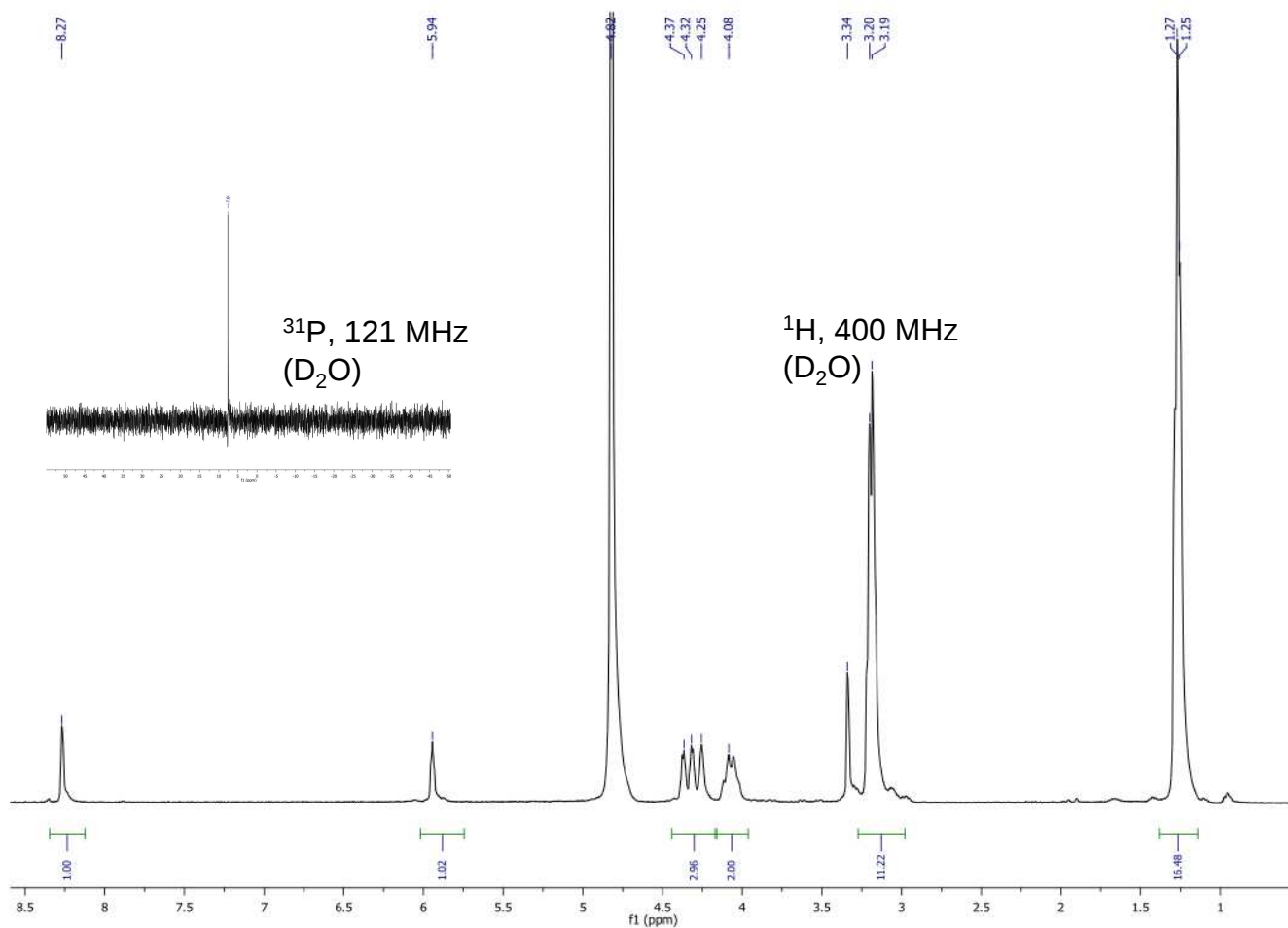
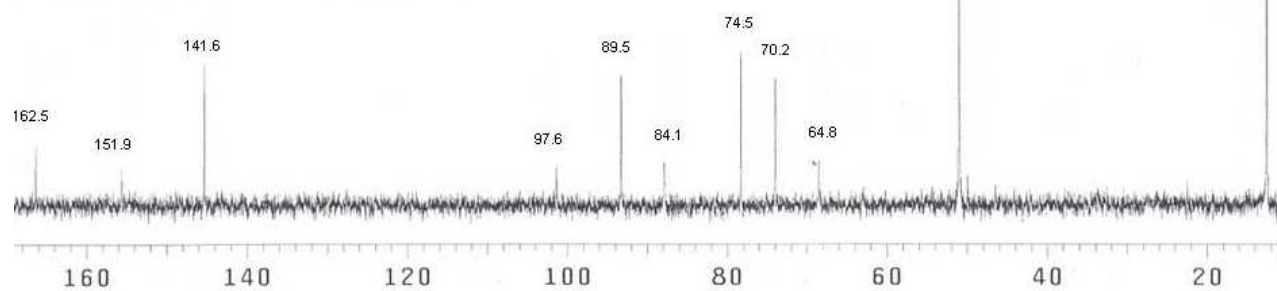


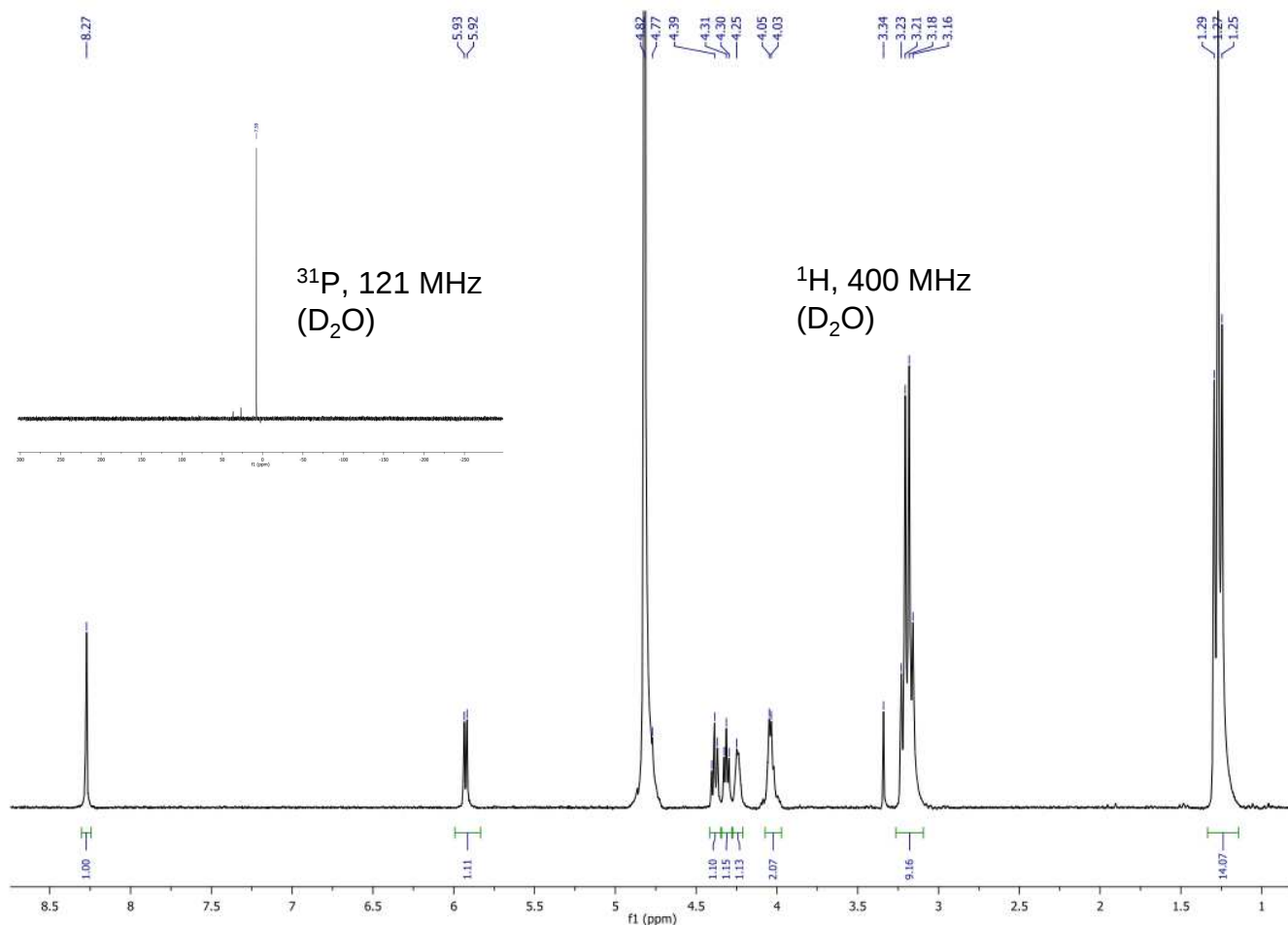
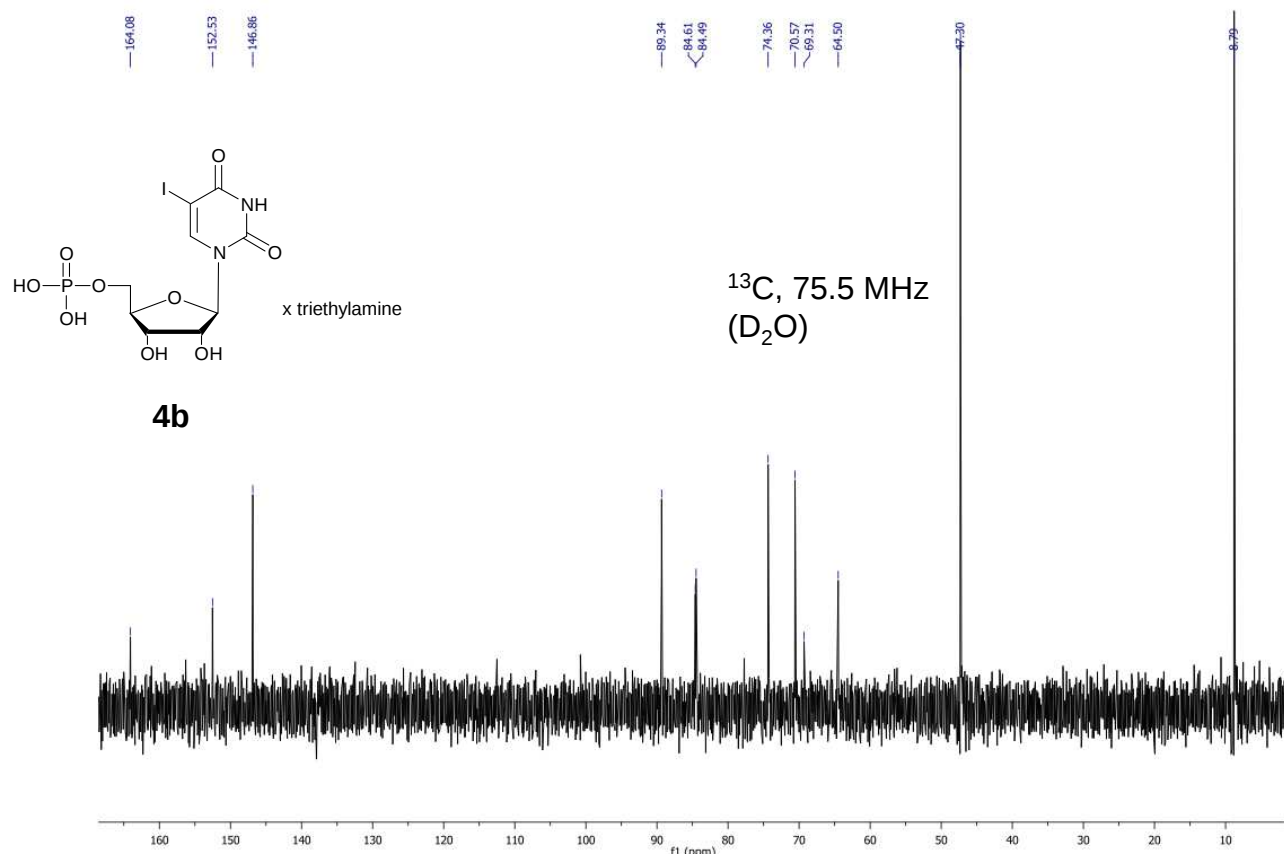
3c

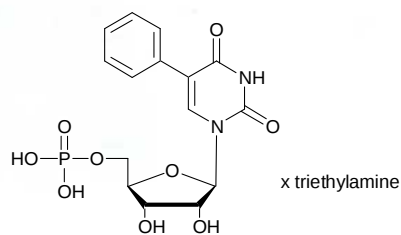




^{13}C , 75.5 MHz
(D_2O)

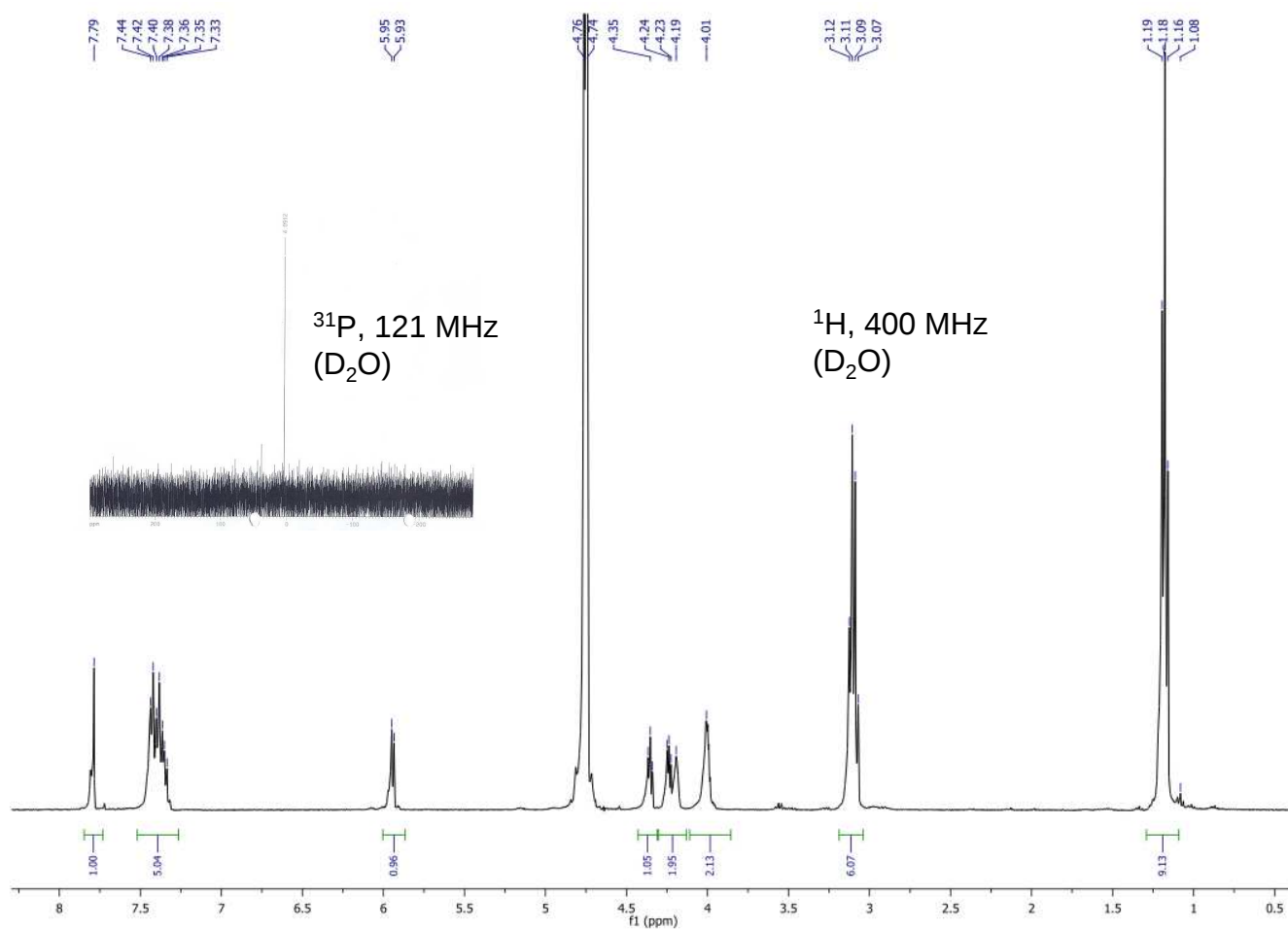
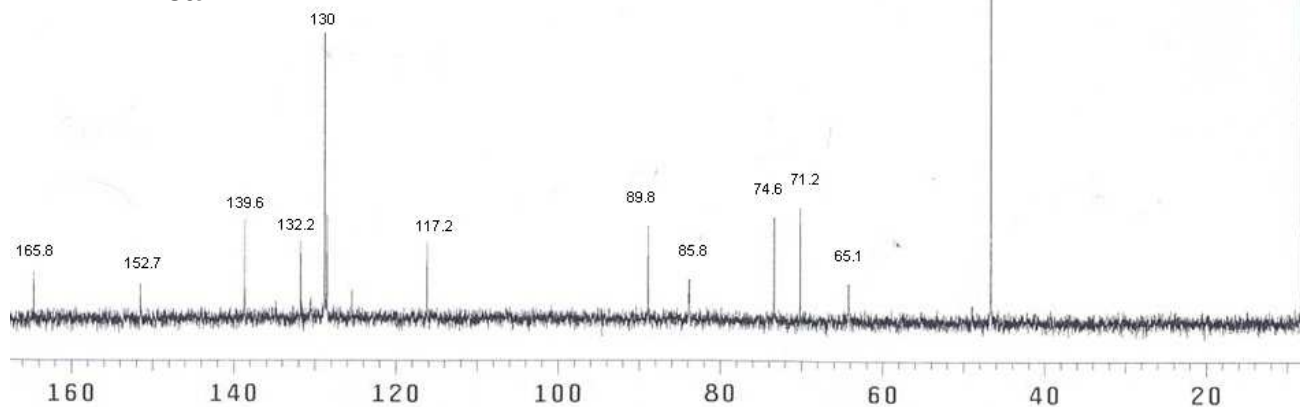


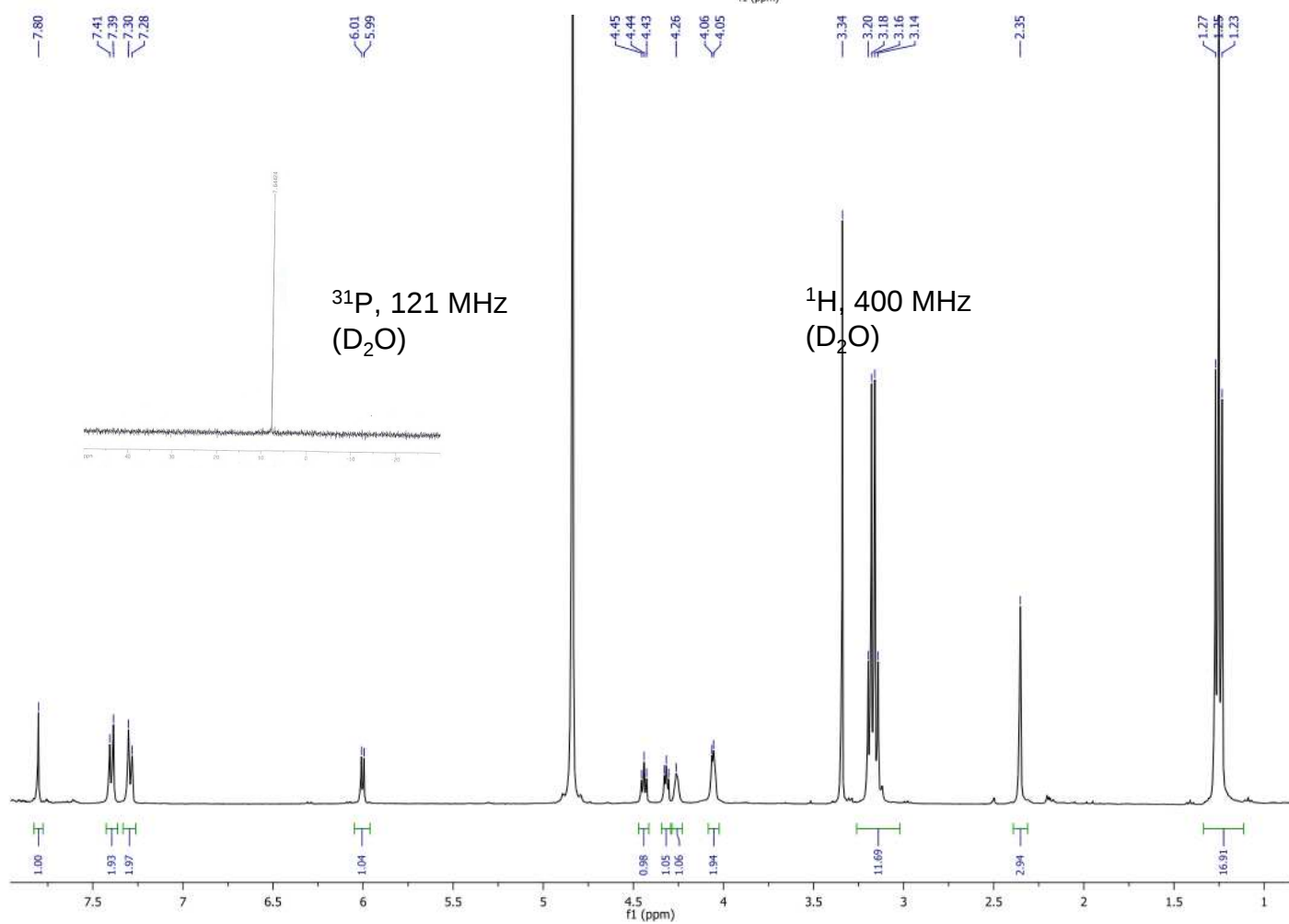
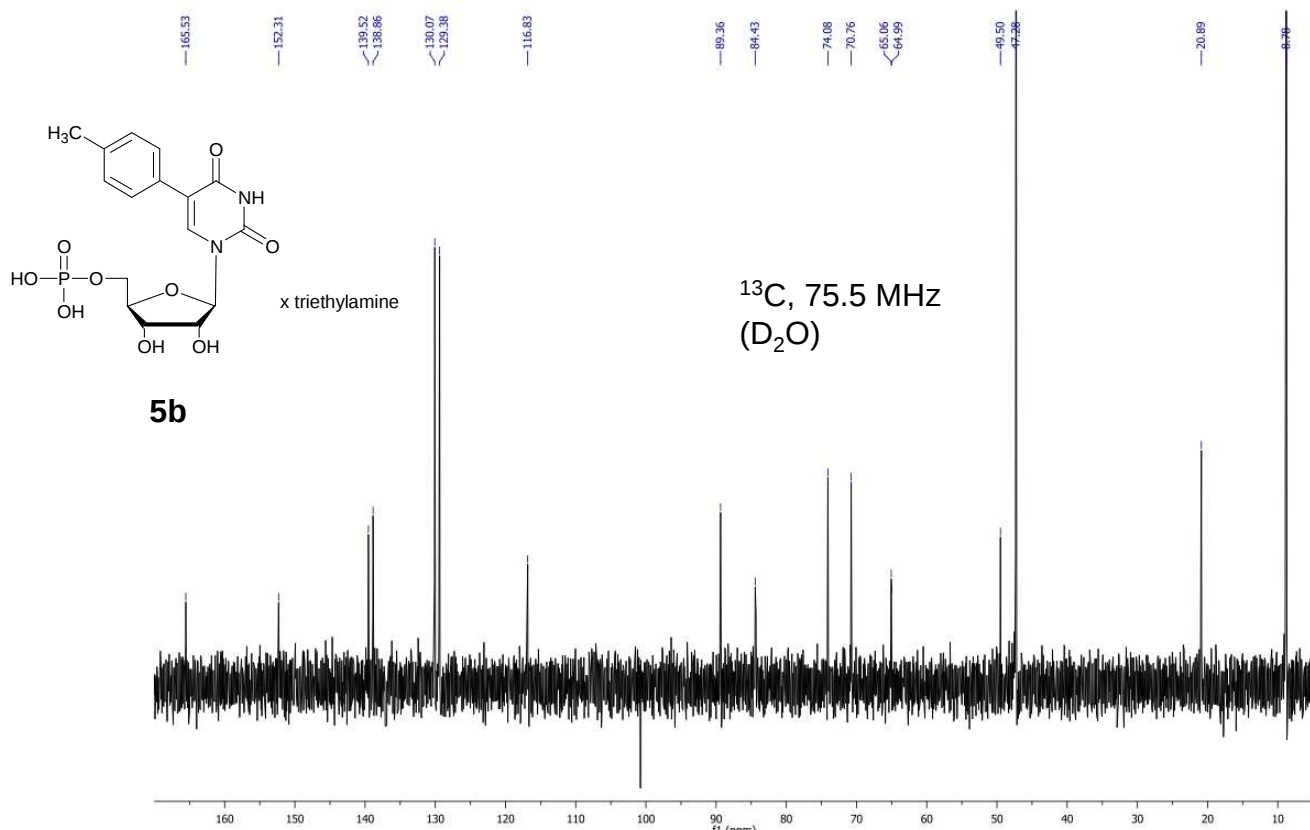


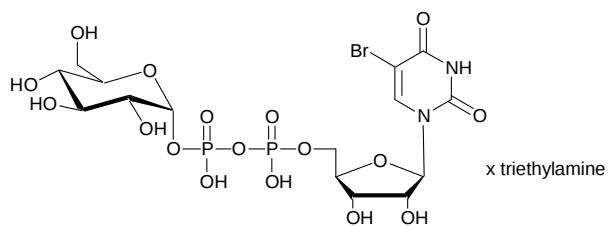


5a

^{13}C , 75.5 MHz
(D_2O)

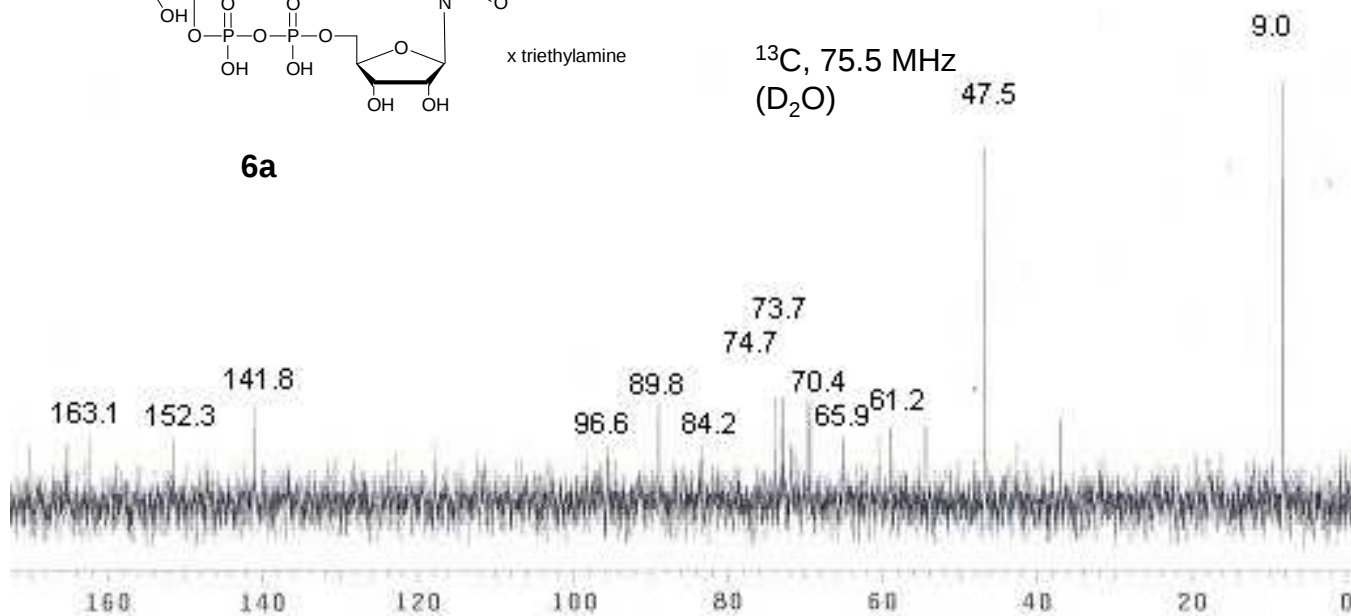






6a

^{13}C , 75.5 MHz
(D_2O)



^1H , 400 MHz
(D_2O)

^{31}P , 121 MHz
(D_2O)

