

Supporting Information

Synthesis of new 4,6-disubstituted-1,3-oxazinan-2-one analogues

ARUN JYOTI BORAH AND PRODEEP PHUKAN*

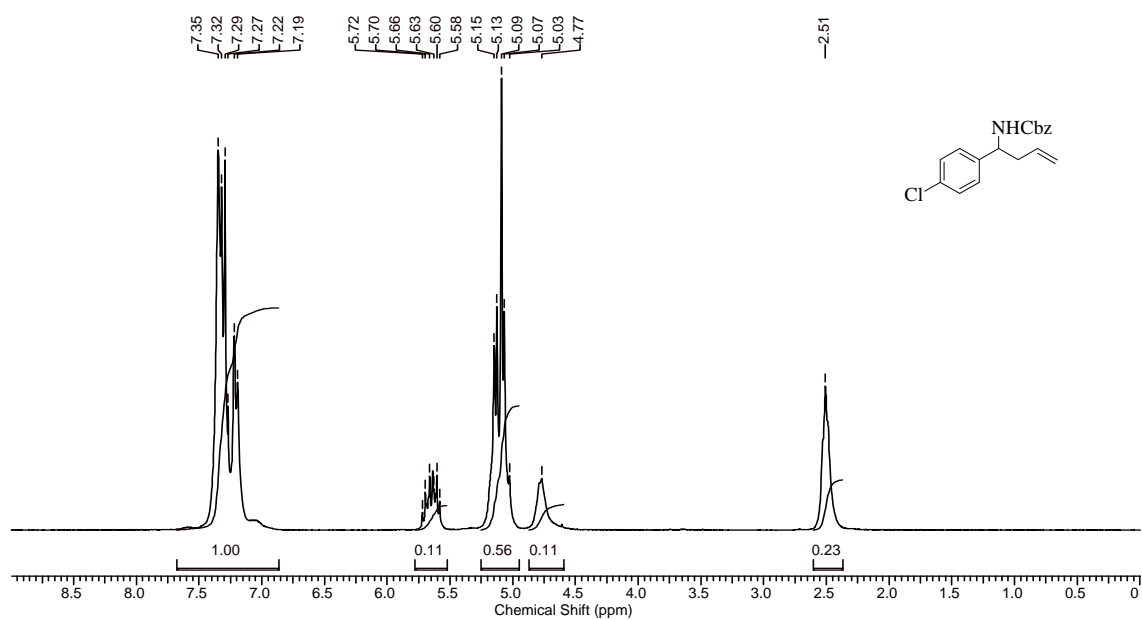
Department of Chemistry, Gauhati University, Guwahati 781014, Assam

e-mail: pphukan@yahoo.com

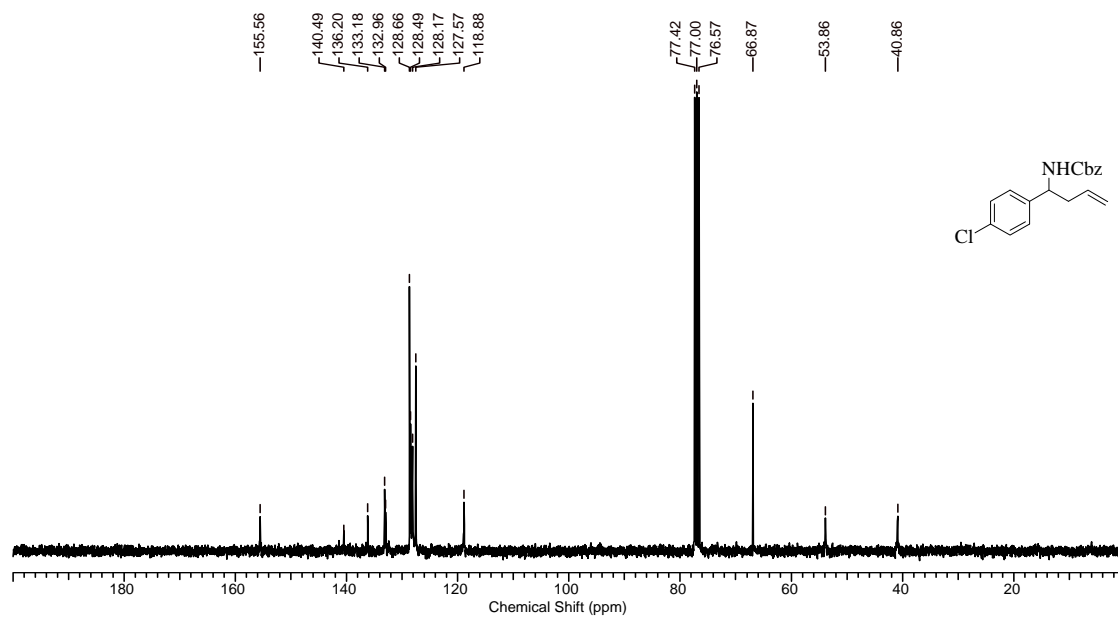
Content

^1H and ^{13}C NMR spectra of all the compounds S2-S23

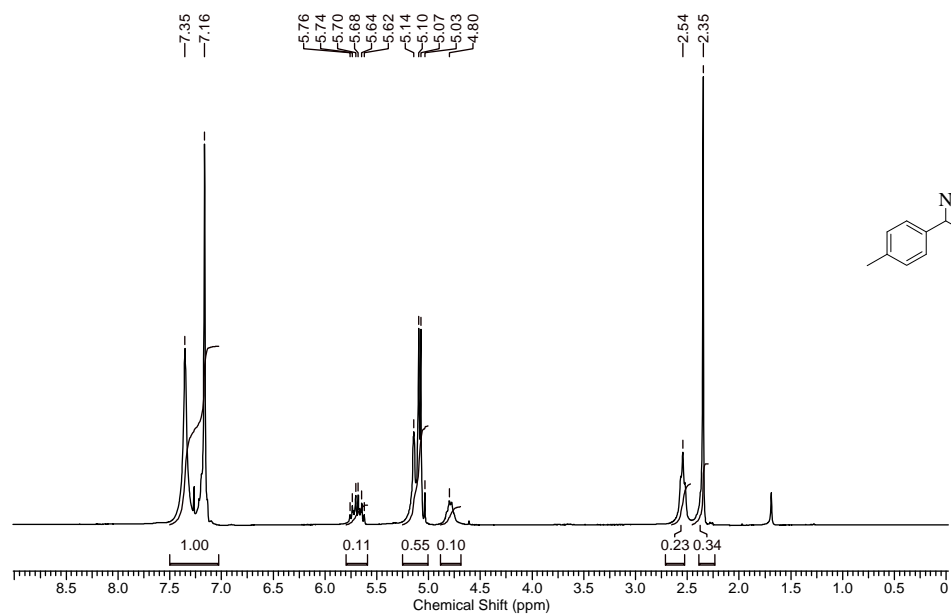
¹H NMR of benzyl 1-(4-chlorophenyl)but-3-enylcarbamate 1a



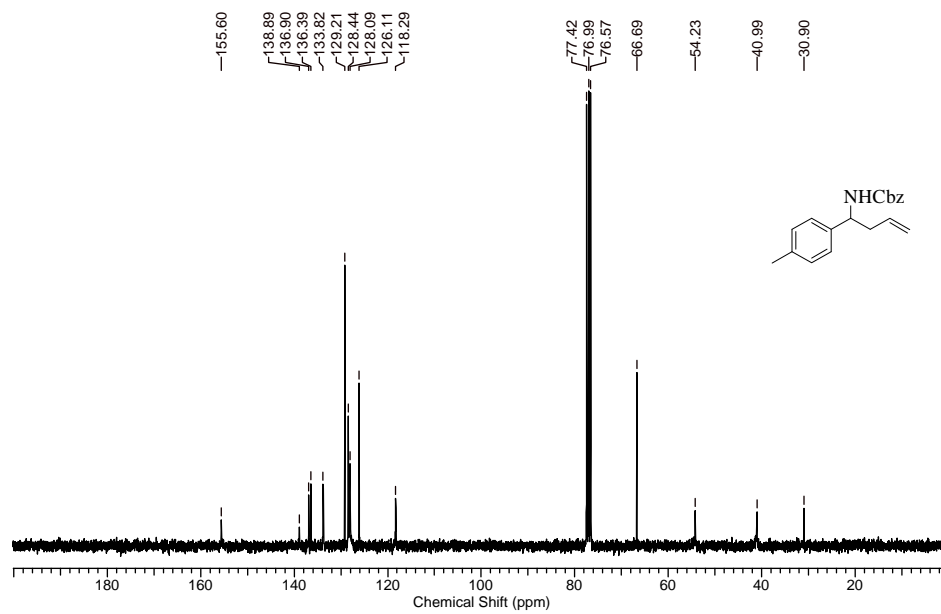
¹³C NMR of benzyl 1-(4-chlorophenyl)but-3-enylcarbamate 1a



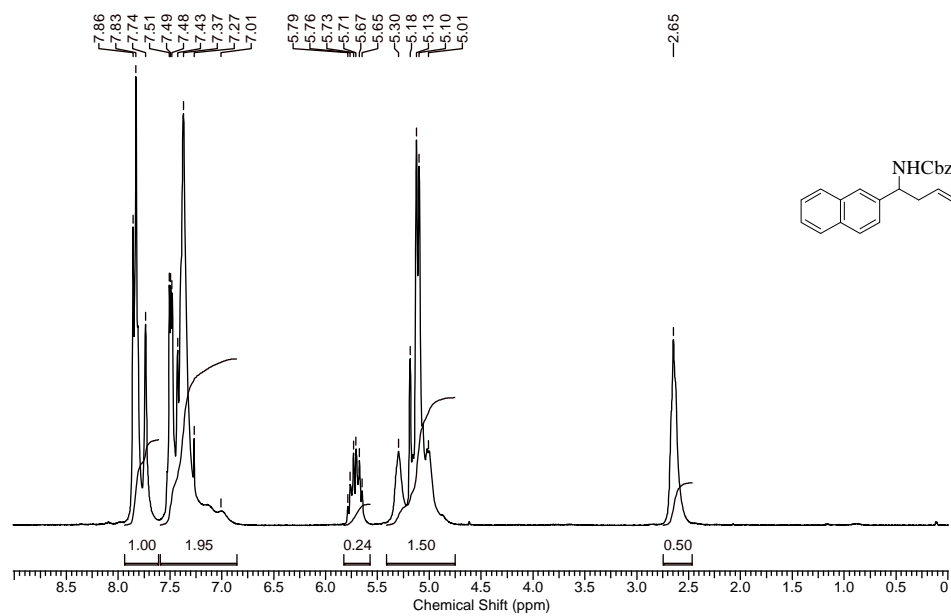
¹H NMR of benzyl 1-p-tolylbut-3-enylcarbamate 1c



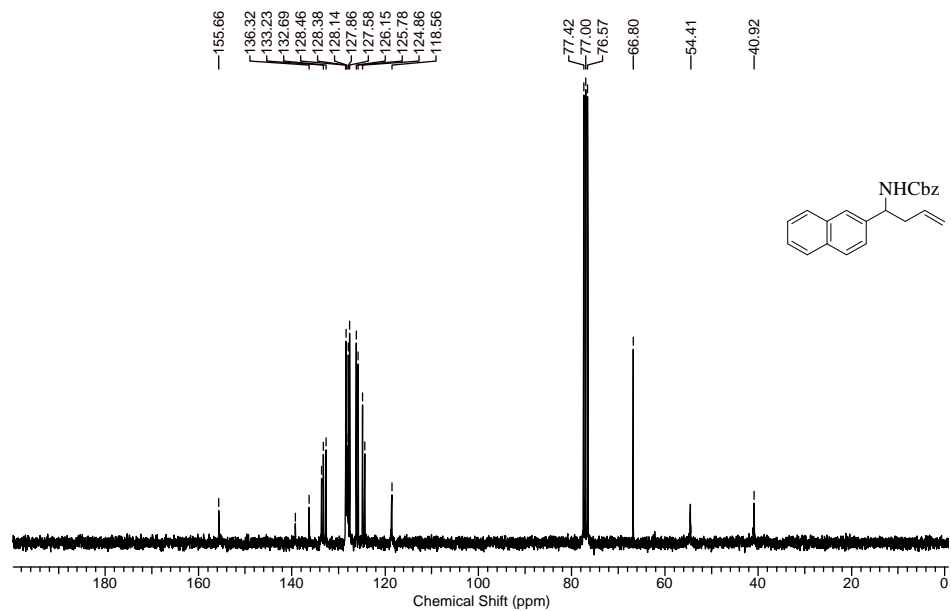
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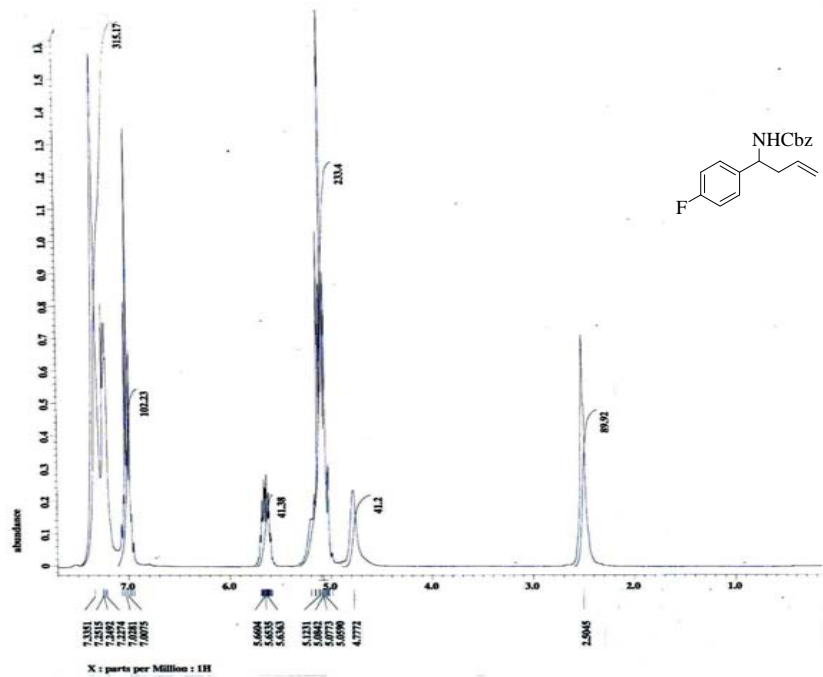
^1H NMR of benzyl 1-(naphthalene-6-yl)but-3-enylcarbamate **1e**



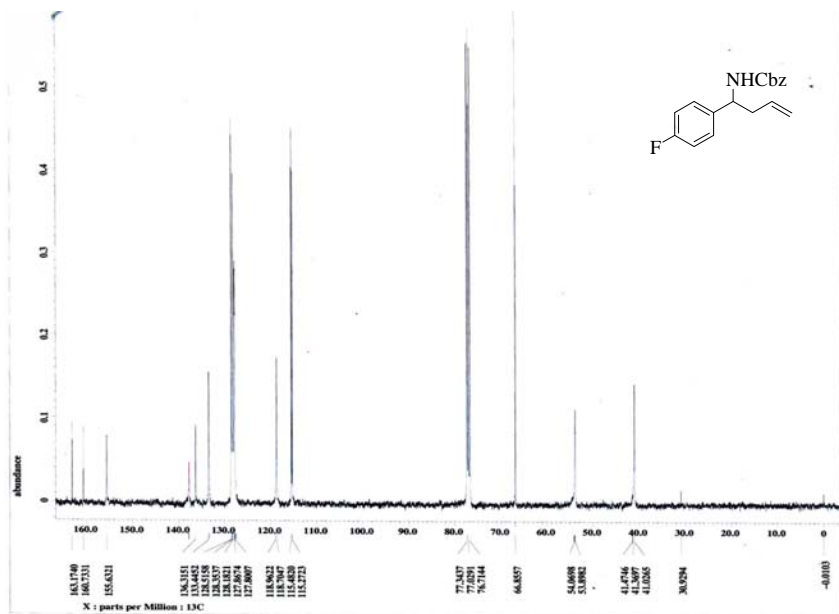
^1H NMR of benzyl 1-(naphthalene-6-yl)but-3-enylcarbamate **1e**



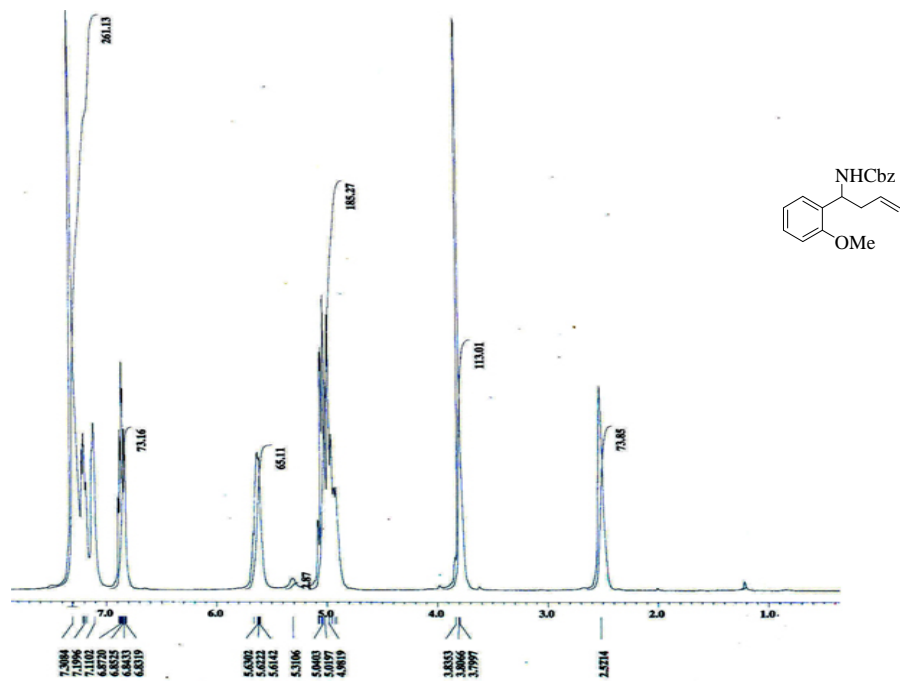
¹H NMR of benzyl 1-(4-fluorophenyl)but-3-enylcarbamate 1f



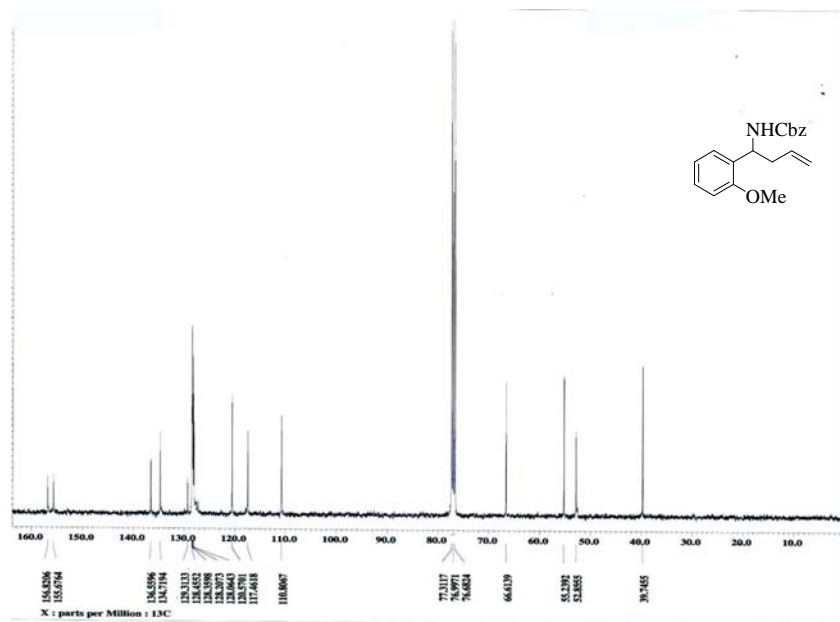
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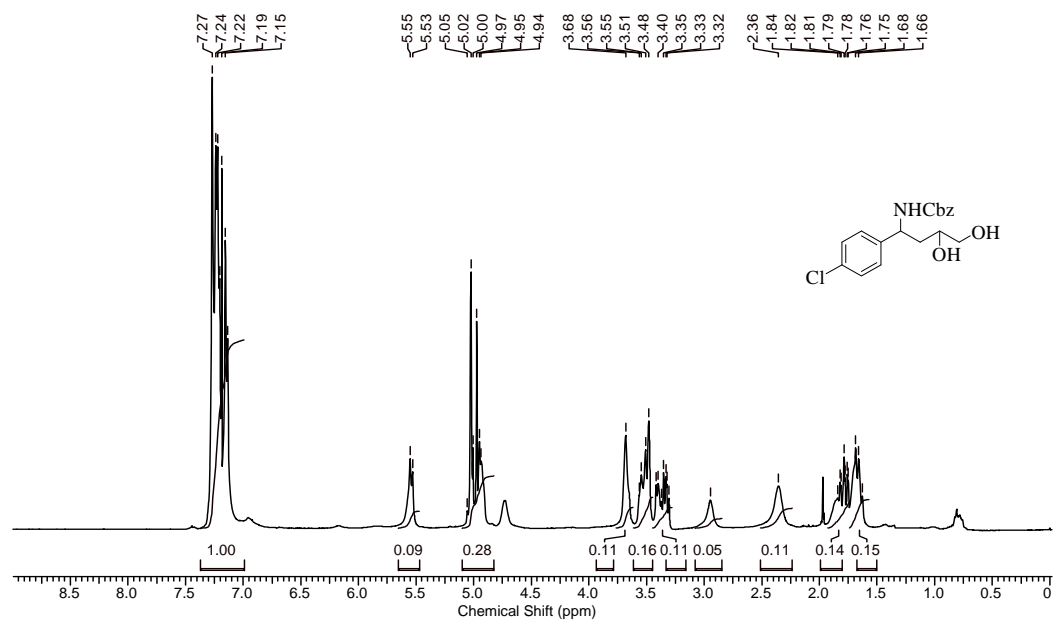
¹H NMR of benzyl 1-(2-methoxyphenyl)but-3-enylcarbamate 1h



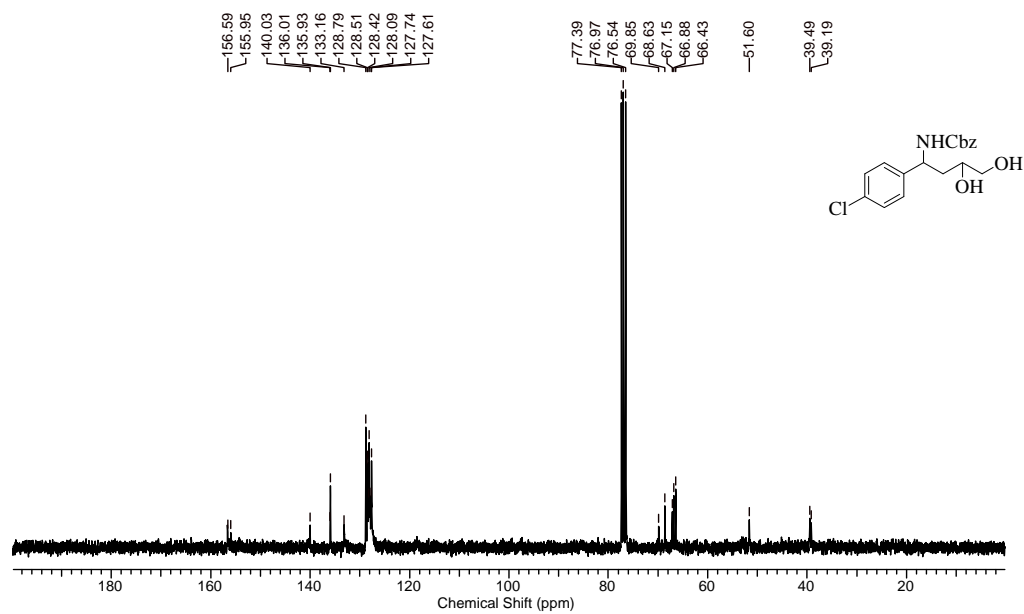
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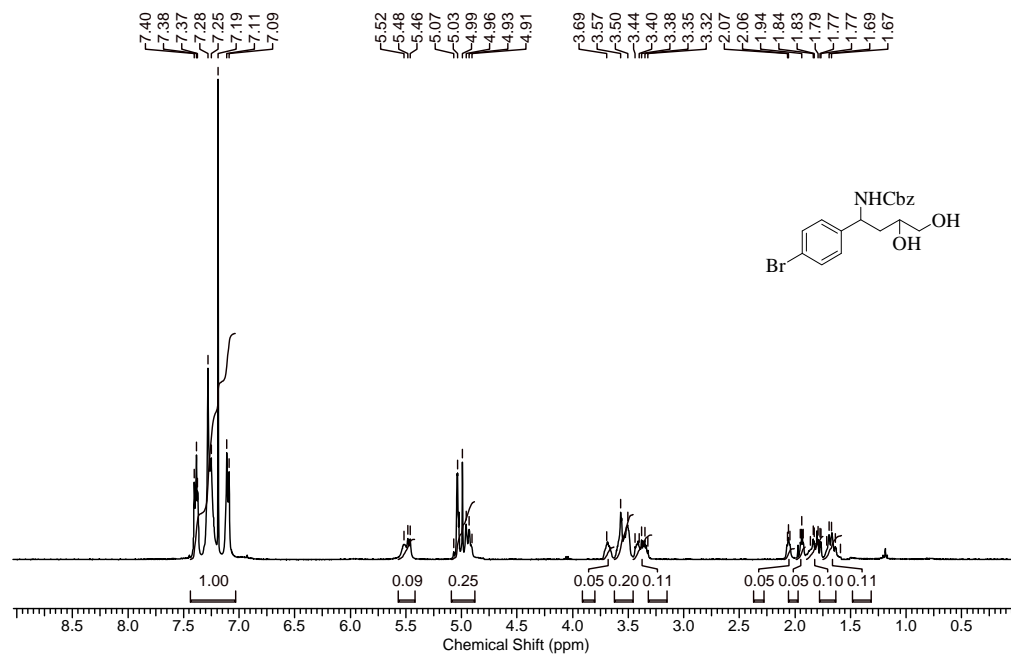
¹H NMR of benzyl 1-(4-chlorophenyl)-3, 4-dihydroxybutylcarbamate 2a



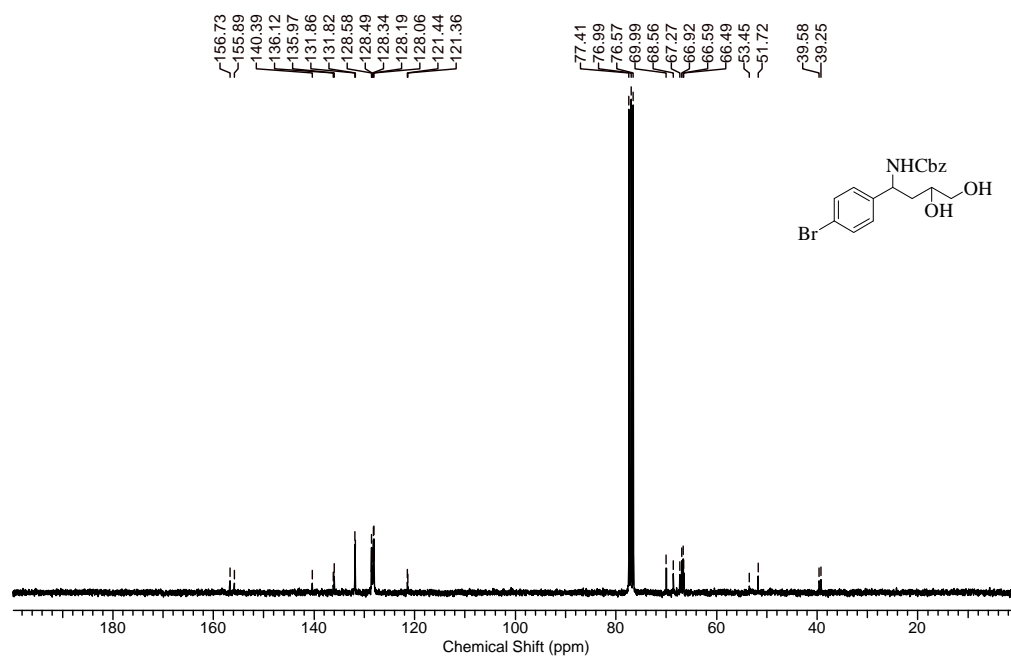
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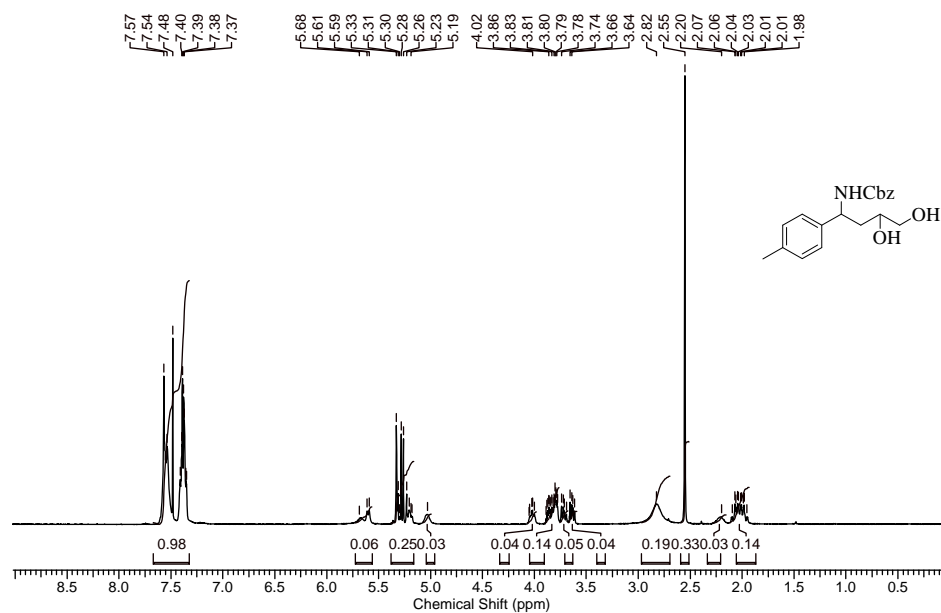
¹H NMR of benzyl 1-(4-bromophenyl)-3, 4-dihydroxybutylcarbamate 2b



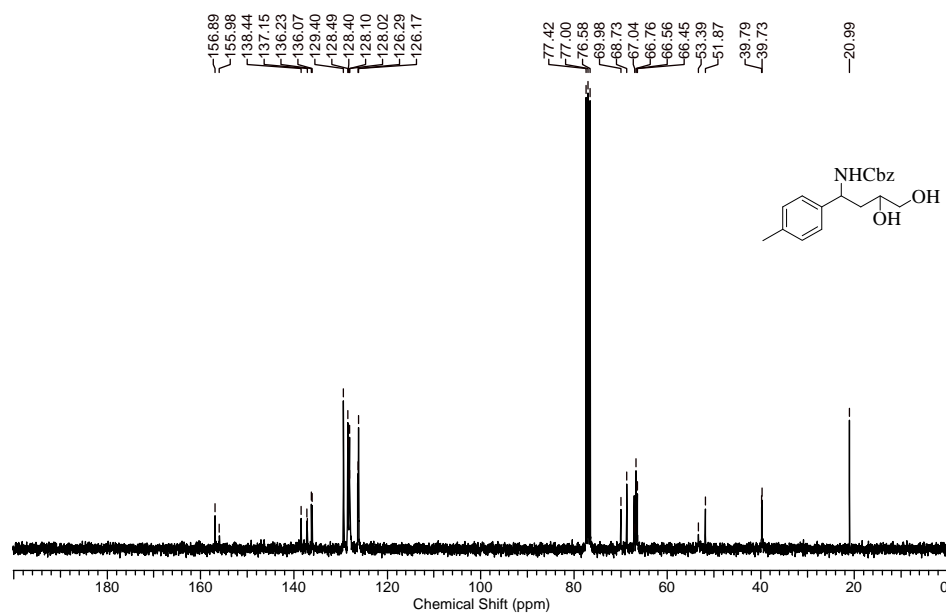
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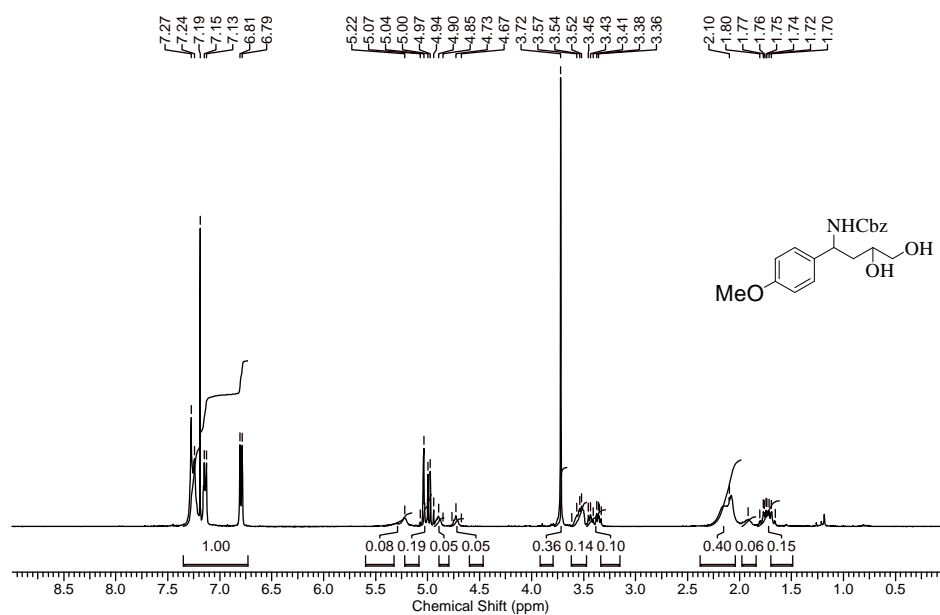
¹H NMR of benzyl 3, 4-dihydroxy-1-p-tolylbutylcarbamate 2c



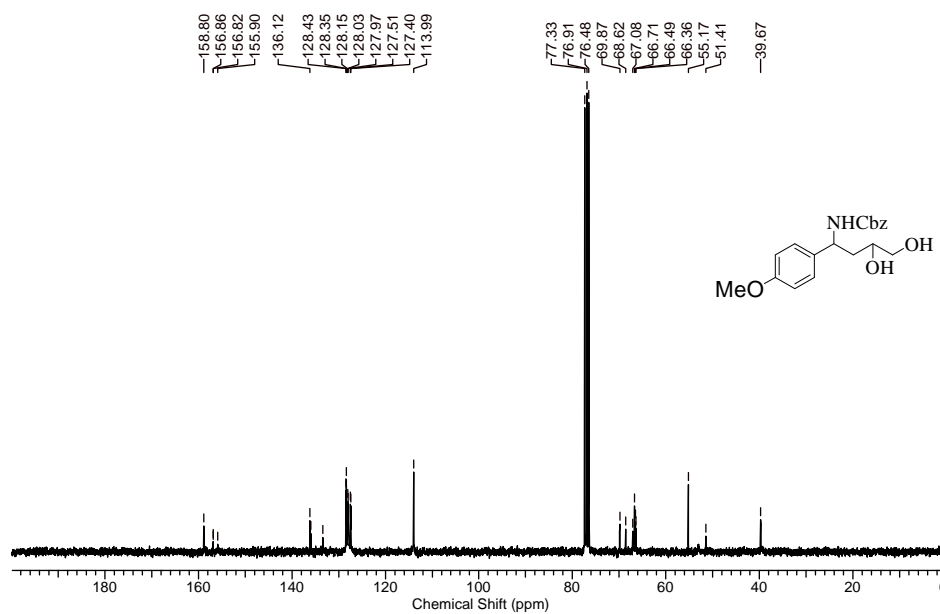
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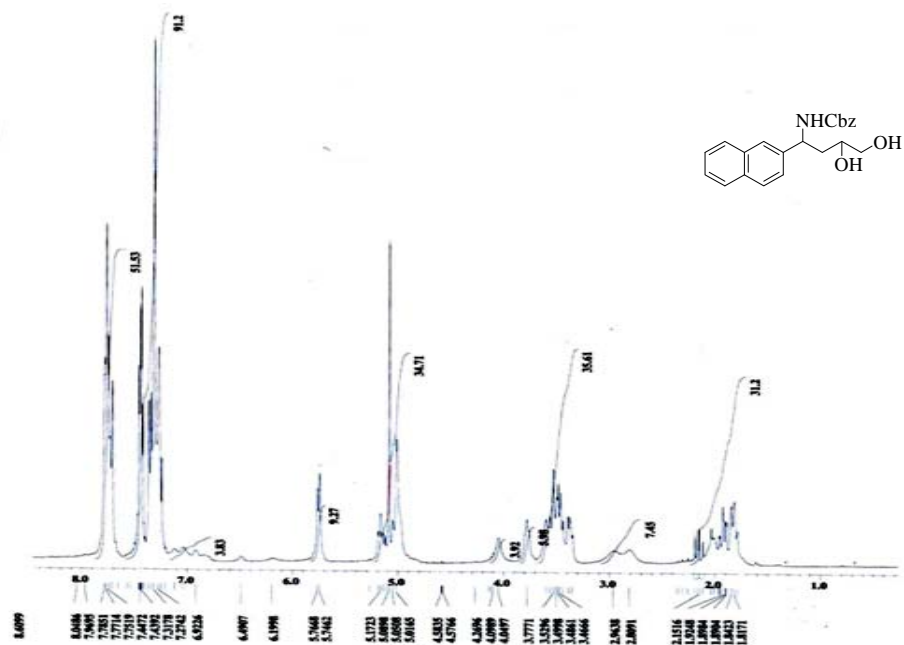
¹H NMR of benzyl-3, 4-dihydroxy-1-(4-methoxyphenyl)butylcarbamate 2d



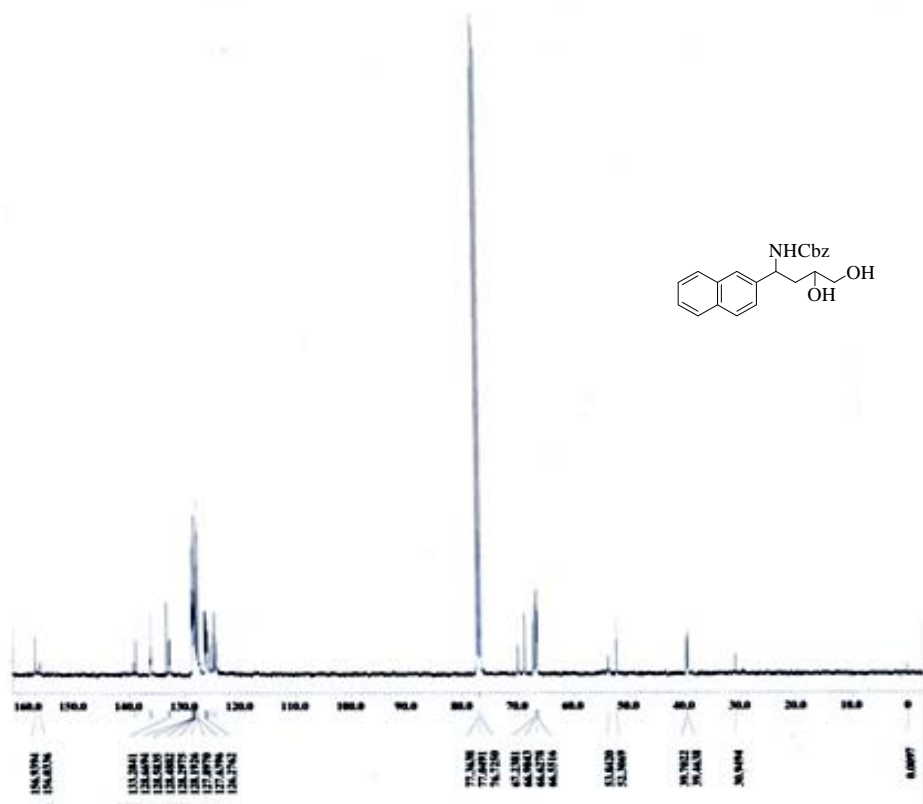
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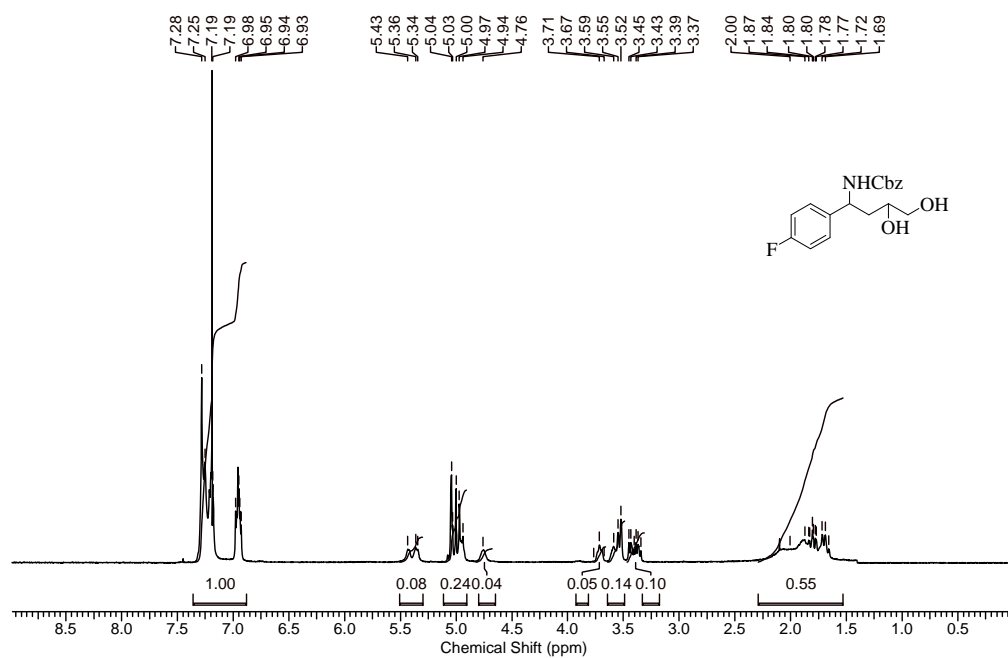
¹H NMR of benzyl-3, 4-dihydroxy-1-(naphthalene-6-yl)butylcarbamate 2e



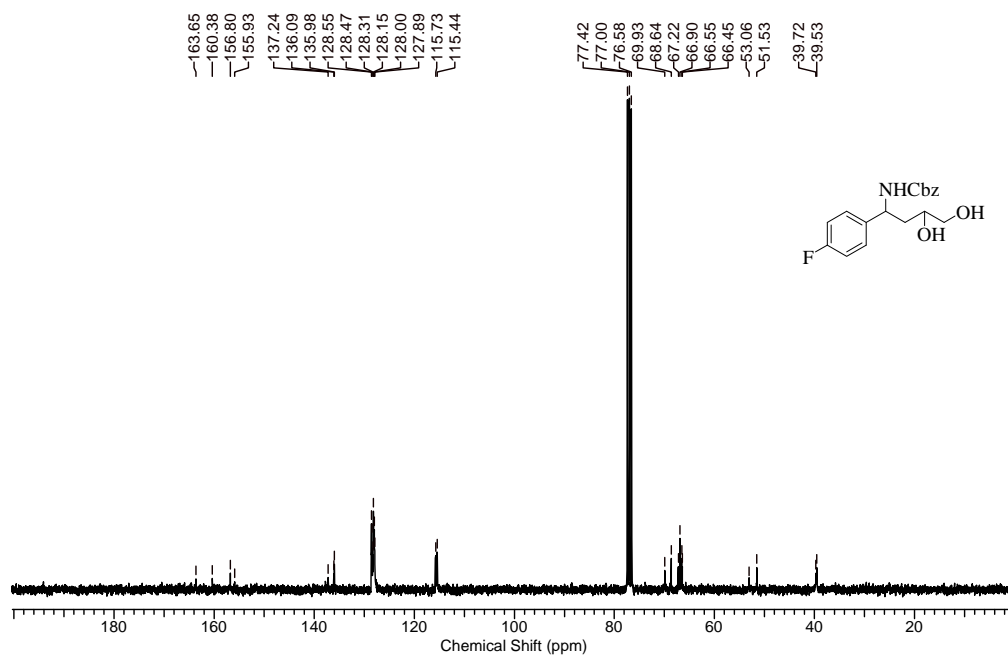
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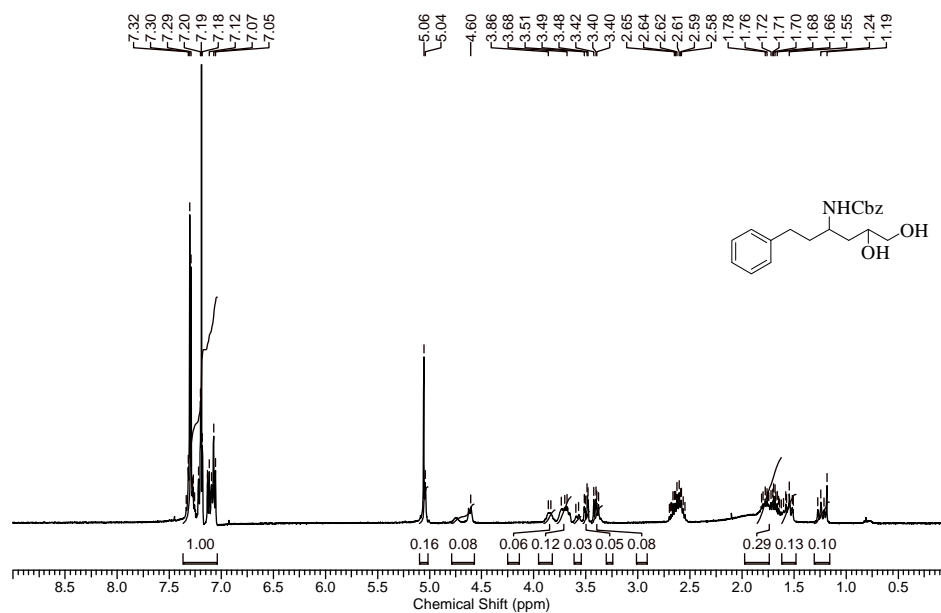
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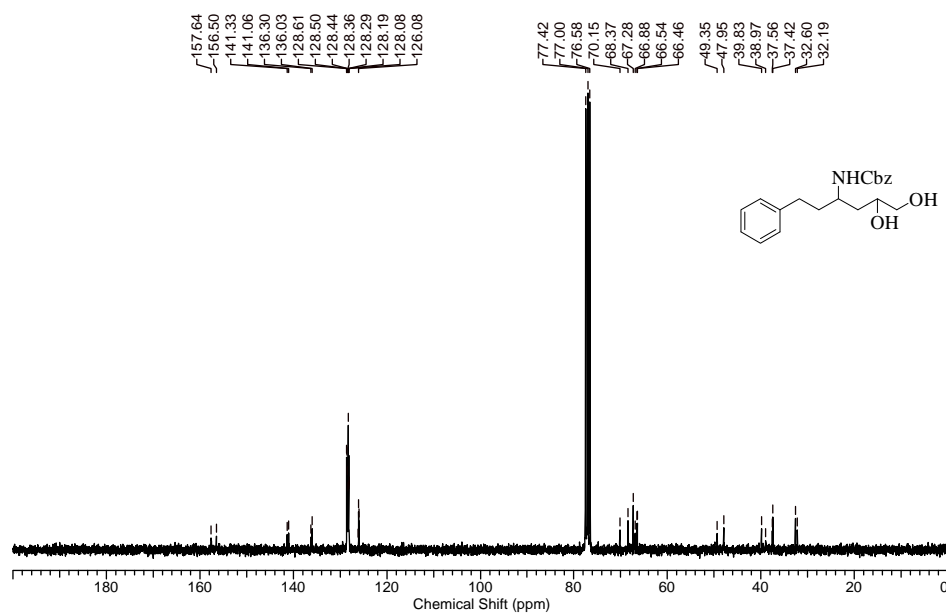
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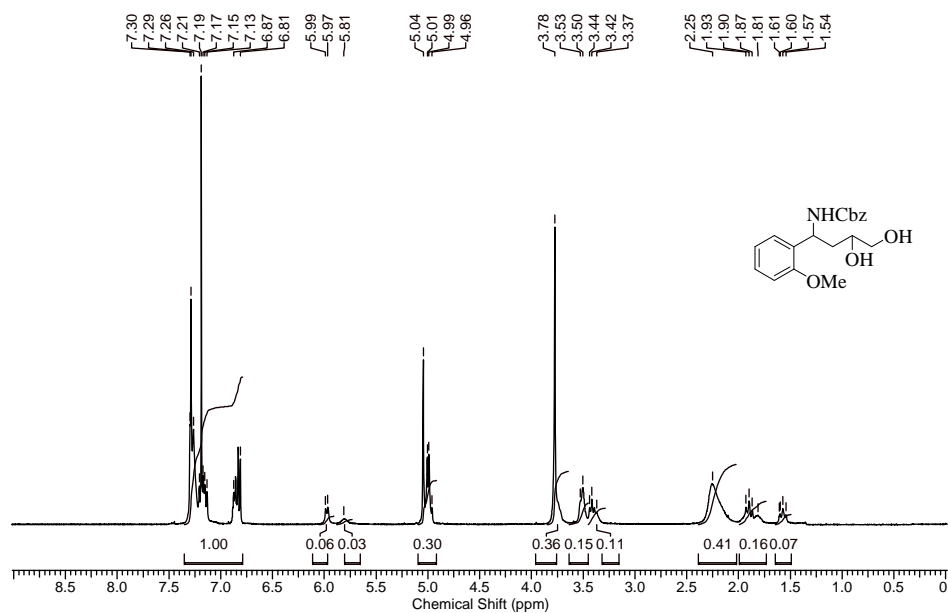
¹H NMR of benzyl (5, 6-dihydroxy-1-phenylhexan-3-yl)carbamate 2g



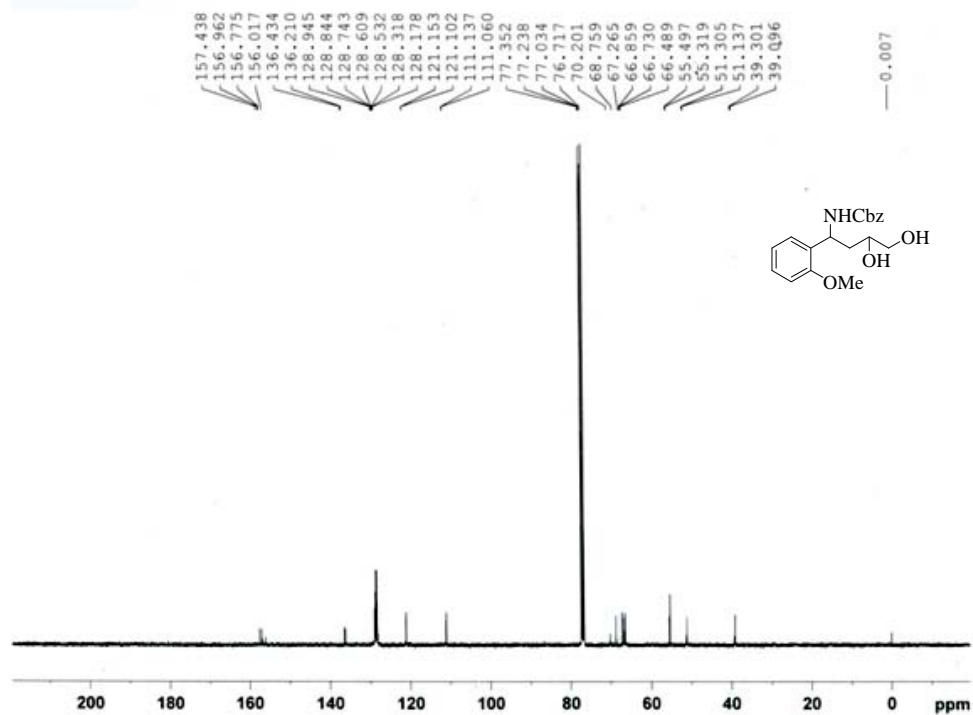
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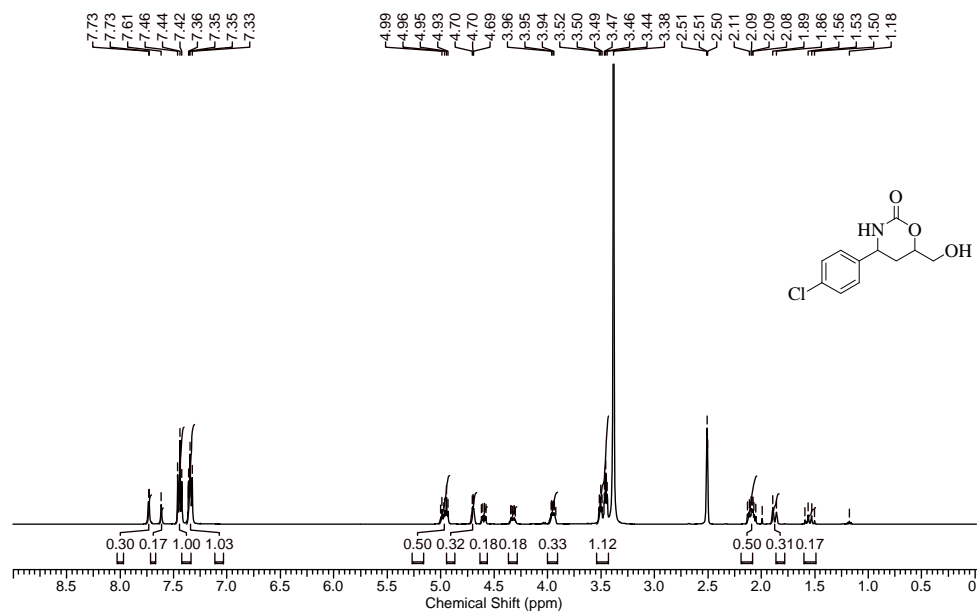
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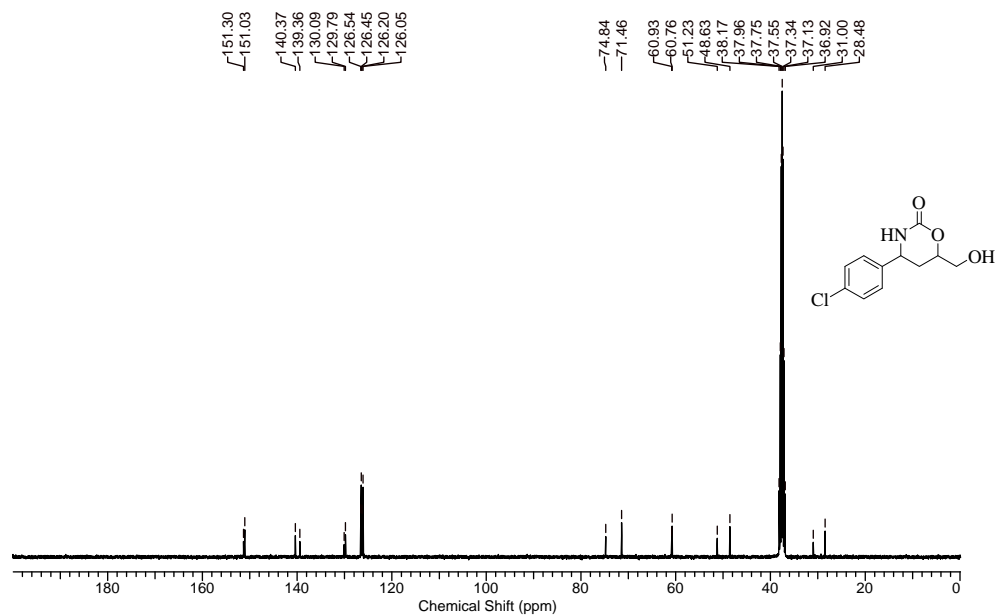
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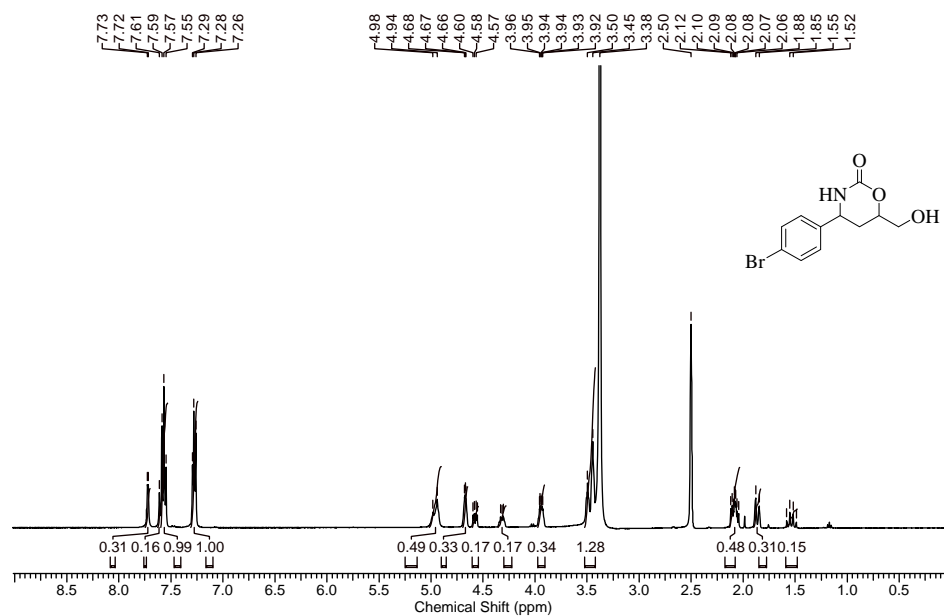
¹H NMR of 4-(4-chlorophenyl)-6-(hydroxymethyl)-1, 3-oxazinan-2-one 3a



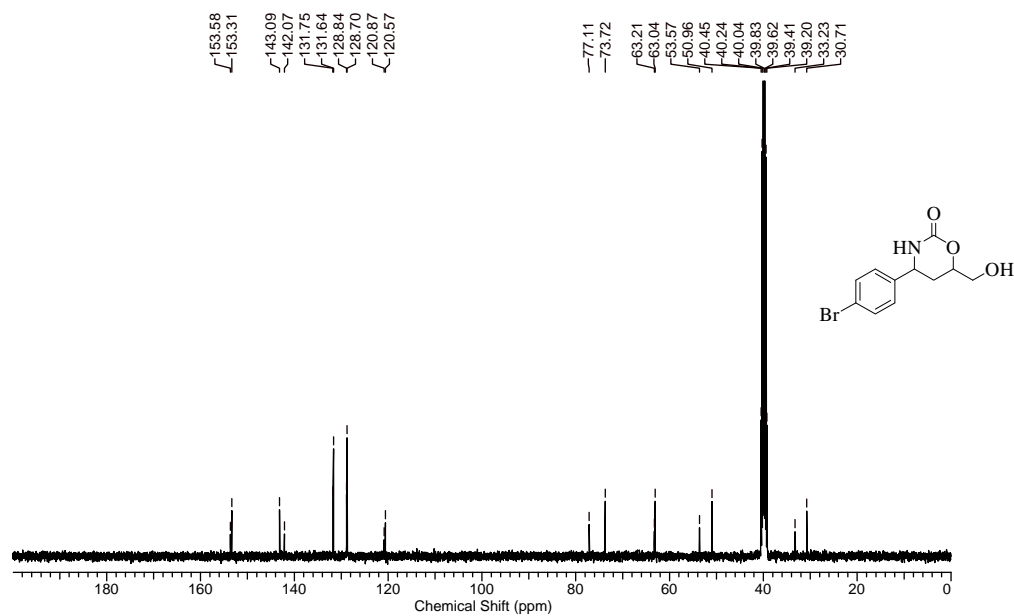
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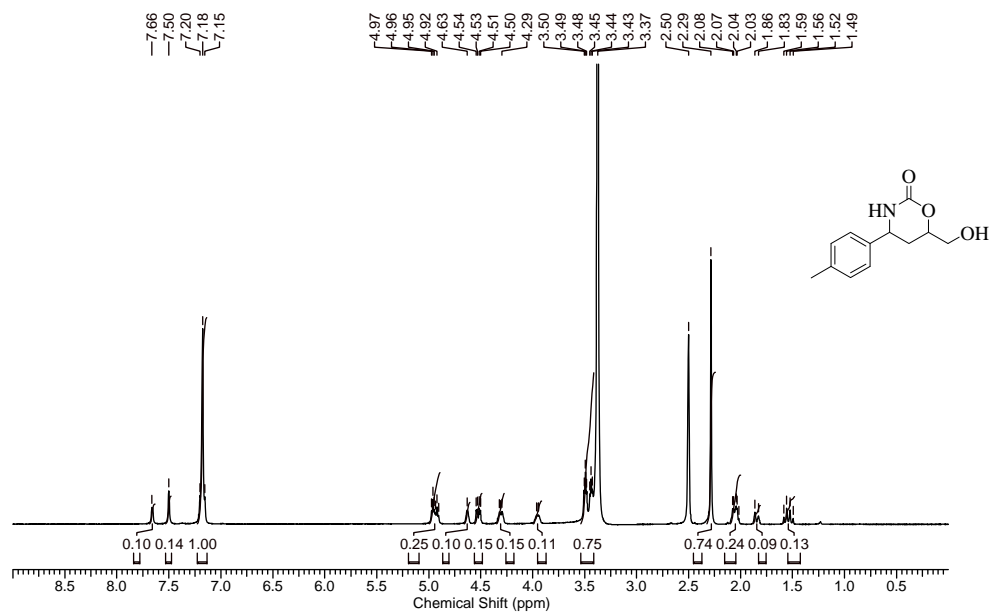
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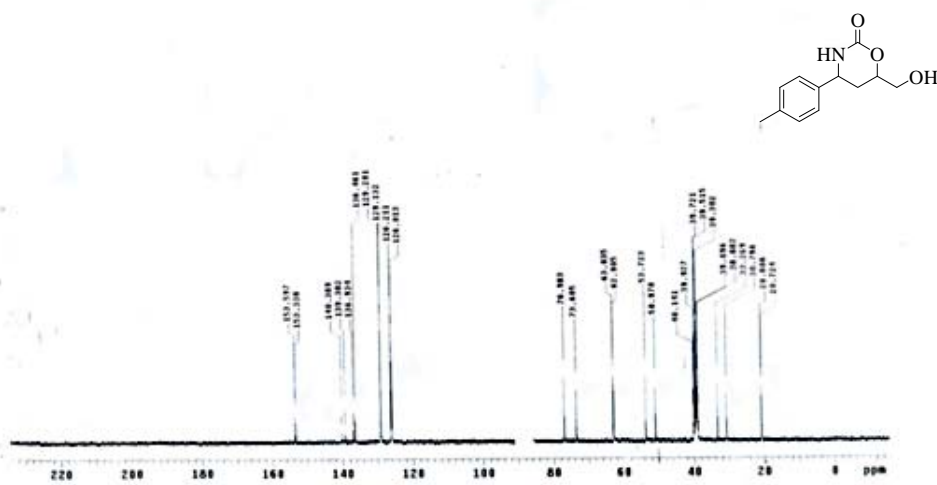
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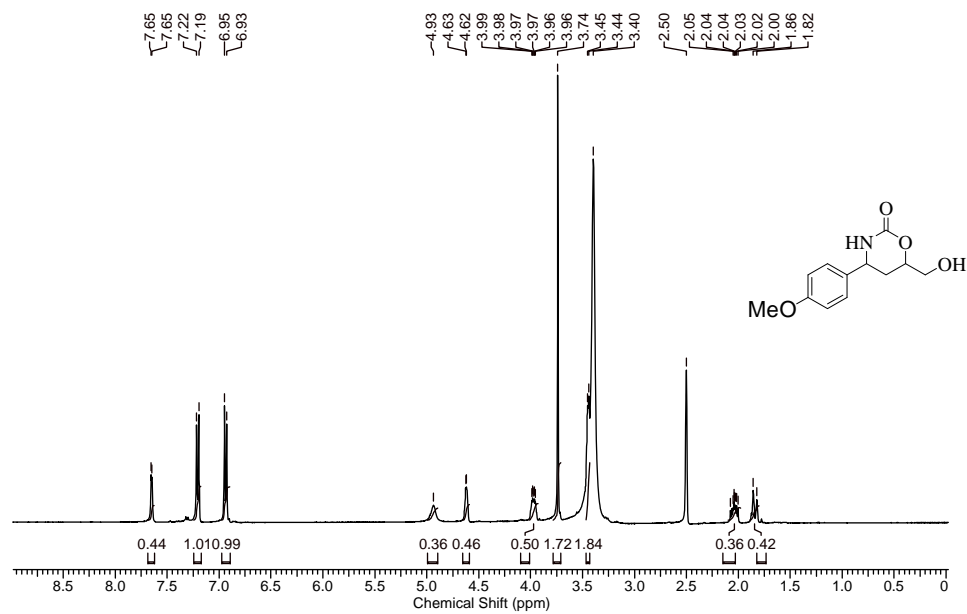
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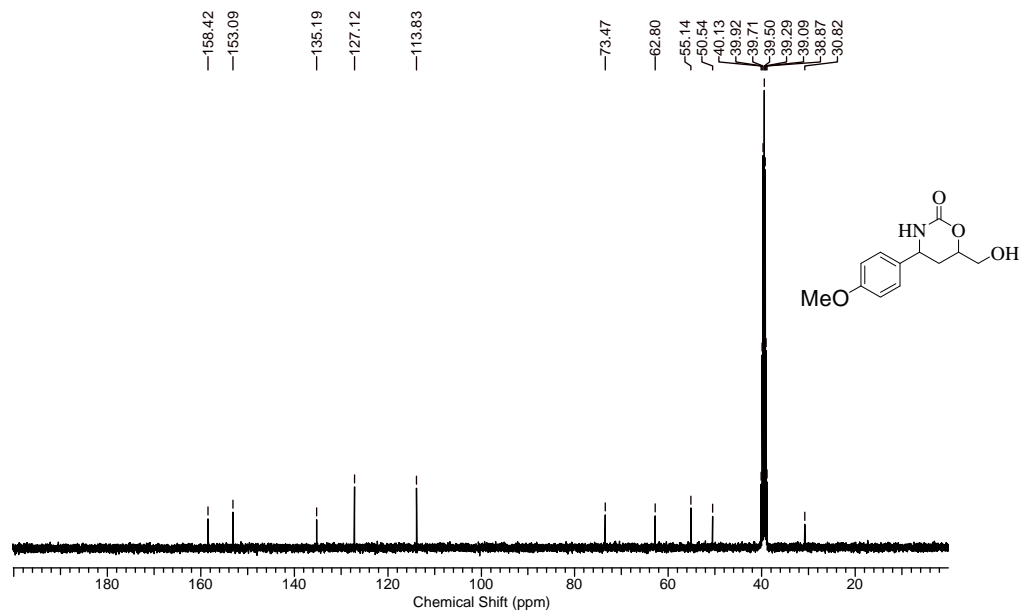
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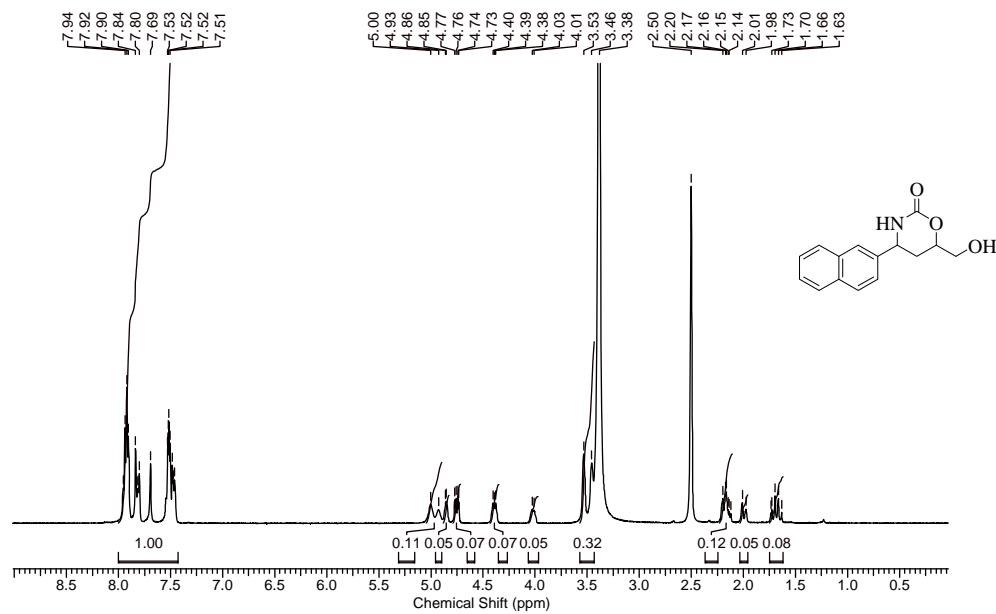
¹H NMR of 6-(hydroxymethyl)-4-(4-methoxyphenyl)-1,3-oxazinan-2-one 3d



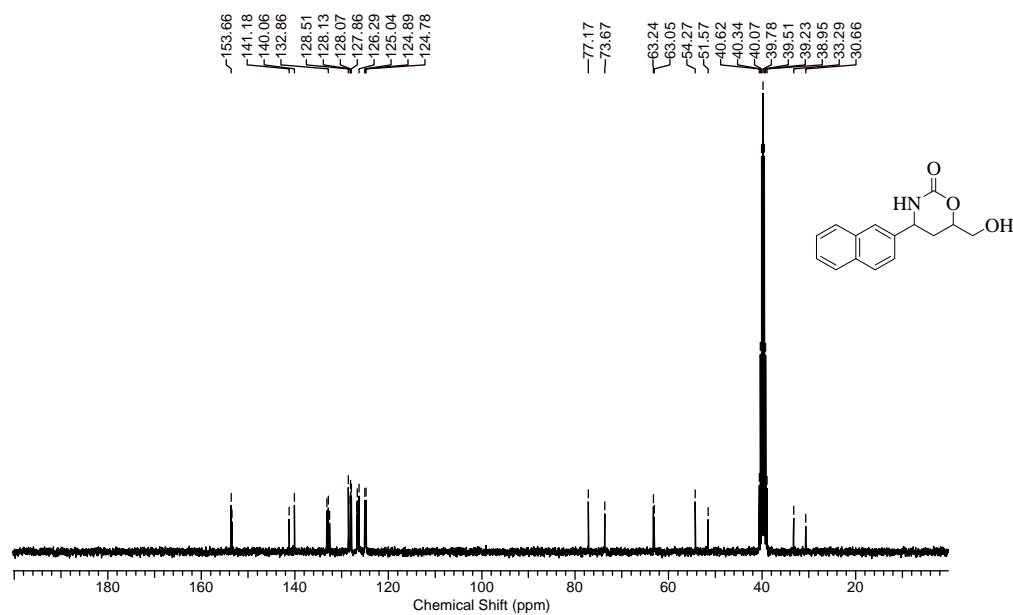
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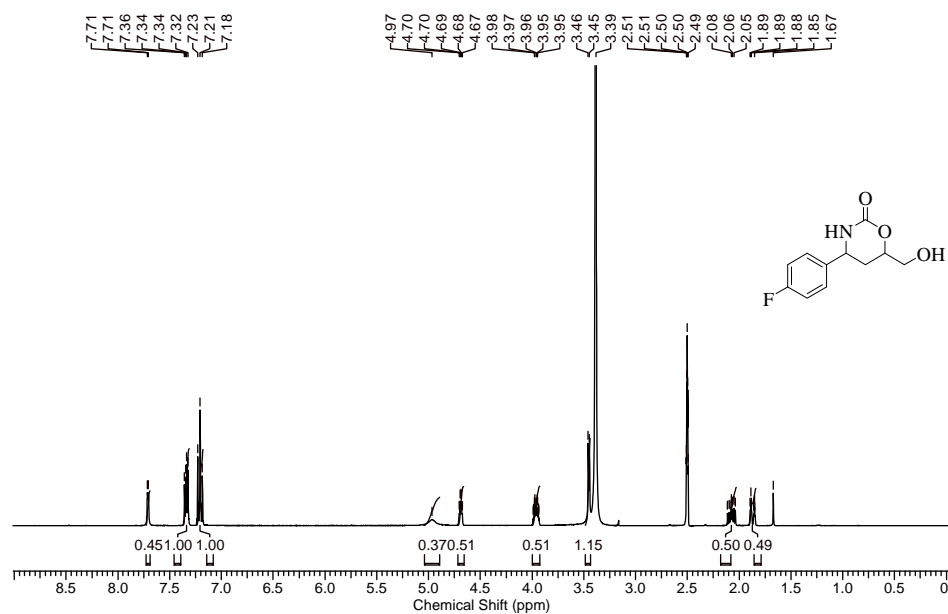
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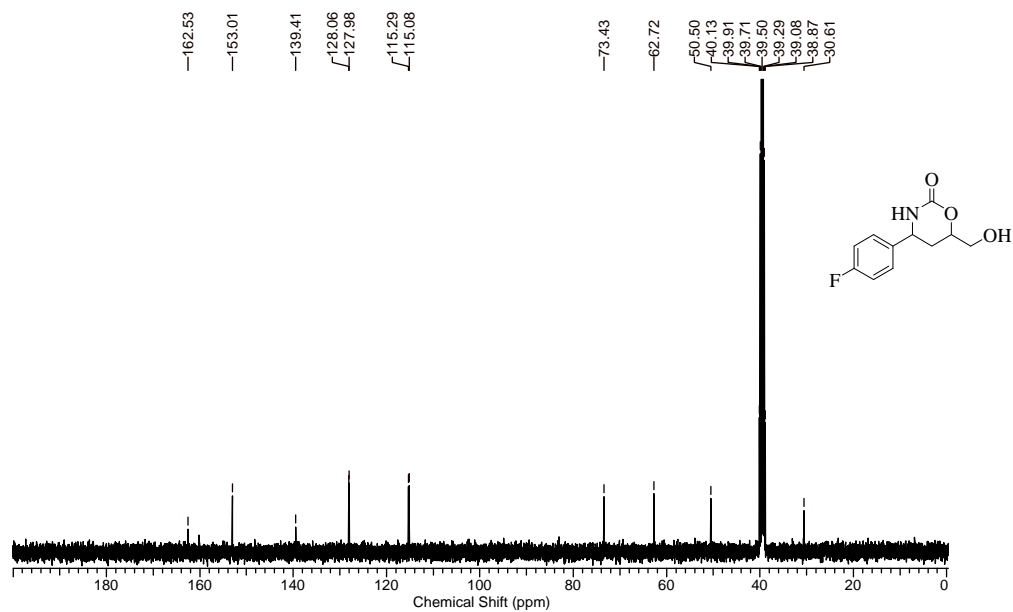
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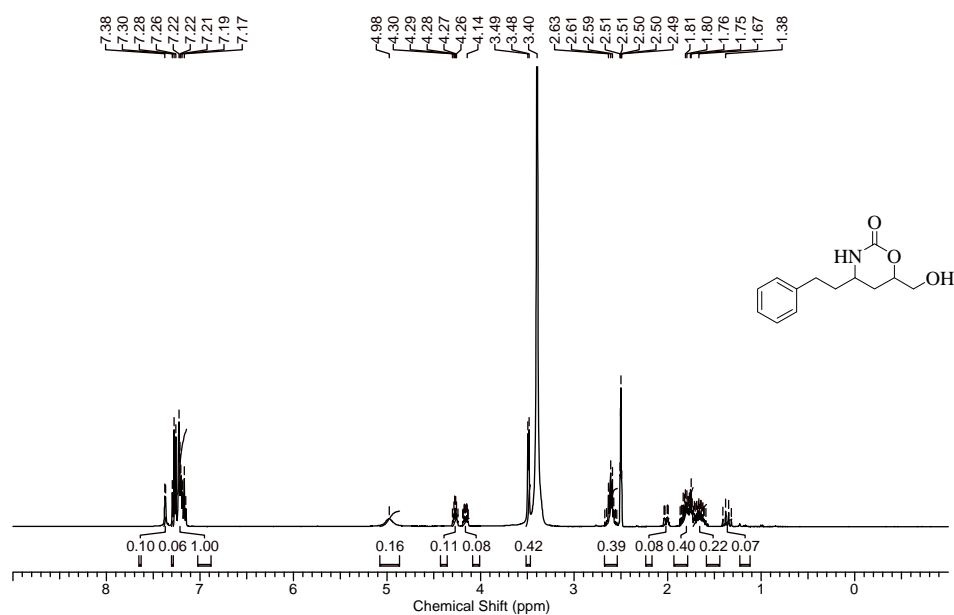
¹H NMR of 4-(4-fluorophenyl)-6-(hydroxymethyl)-1,3-oxazinan-2-one 3f



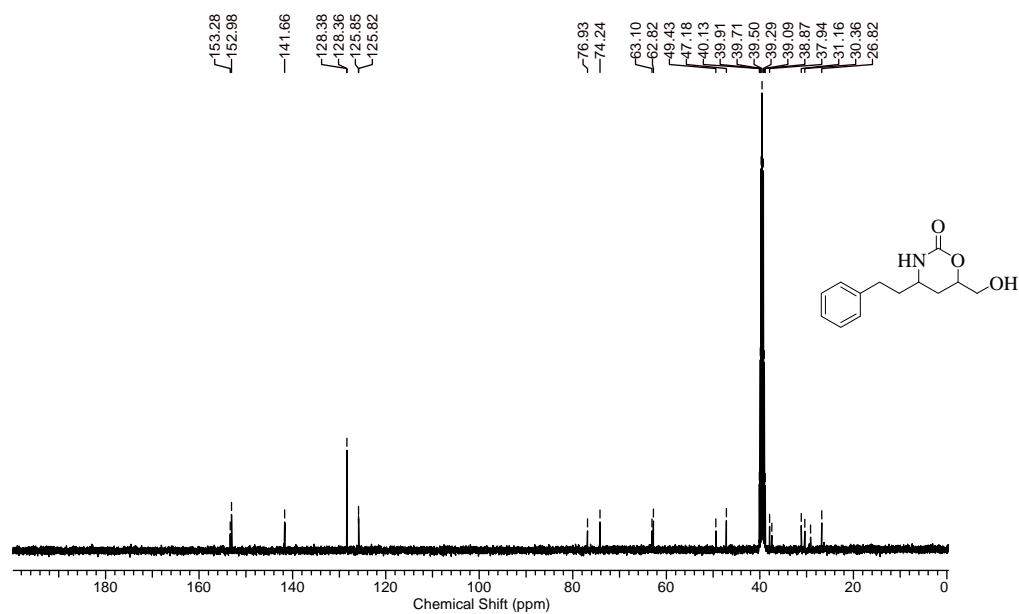
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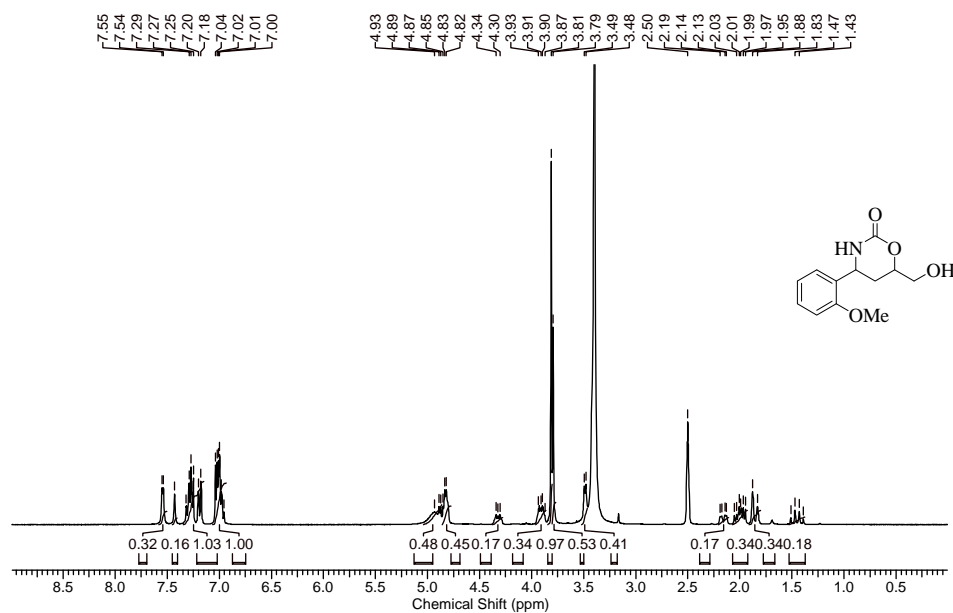
¹H NMR of 6-(hydroxymethyl)-4-(2-phenylethyl)-1,3-oxazinan-2-one 3g



¹³C NMR of 6-(hydroxymethyl)-4-(2-phenylethyl)-1,3-oxazinan-2-one 3g



¹H NMR of 6-(hydroxymethyl)-4-(2-methoxyphenyl)-1,3-oxazinan-2-one 3h



¹³C NMR of 6-(hydroxymethyl)-4-(2-methoxyphenyl)-1,3-oxazinan-2-one 3h

