

Supporting Information

Boron-Catalyzed *N*-Alkylation of Arylamines and Arylamides with Benzylic Alcohols

Murali Mohan Guru, Pradip Ramdas Thorve, and Biplab Maji*

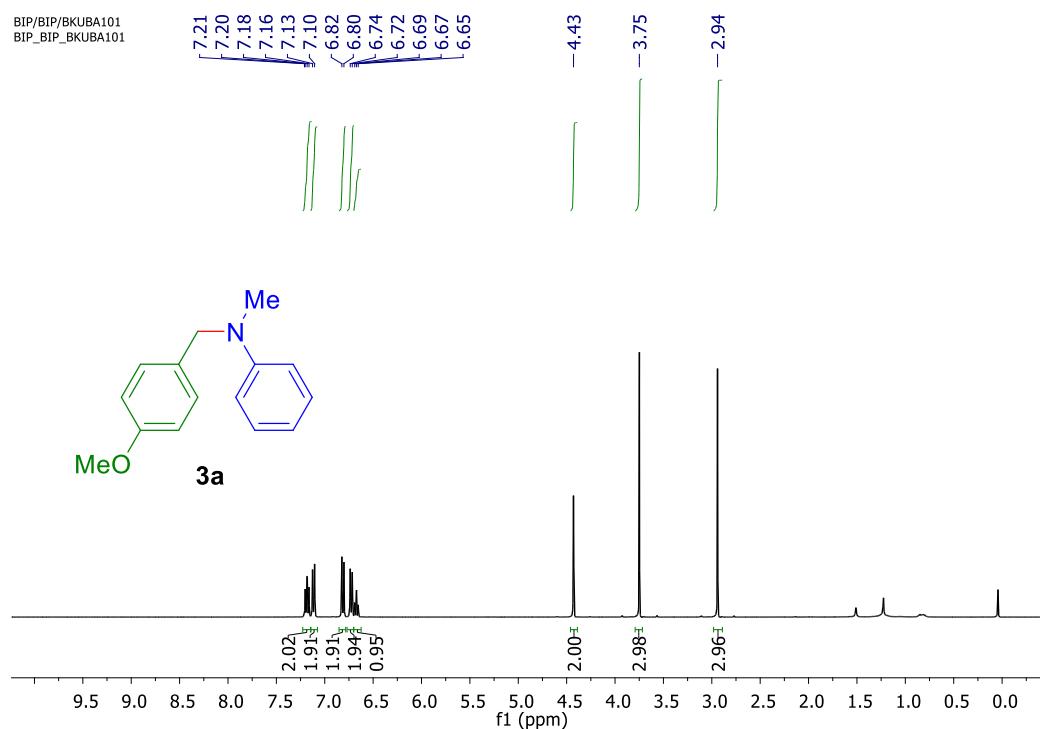
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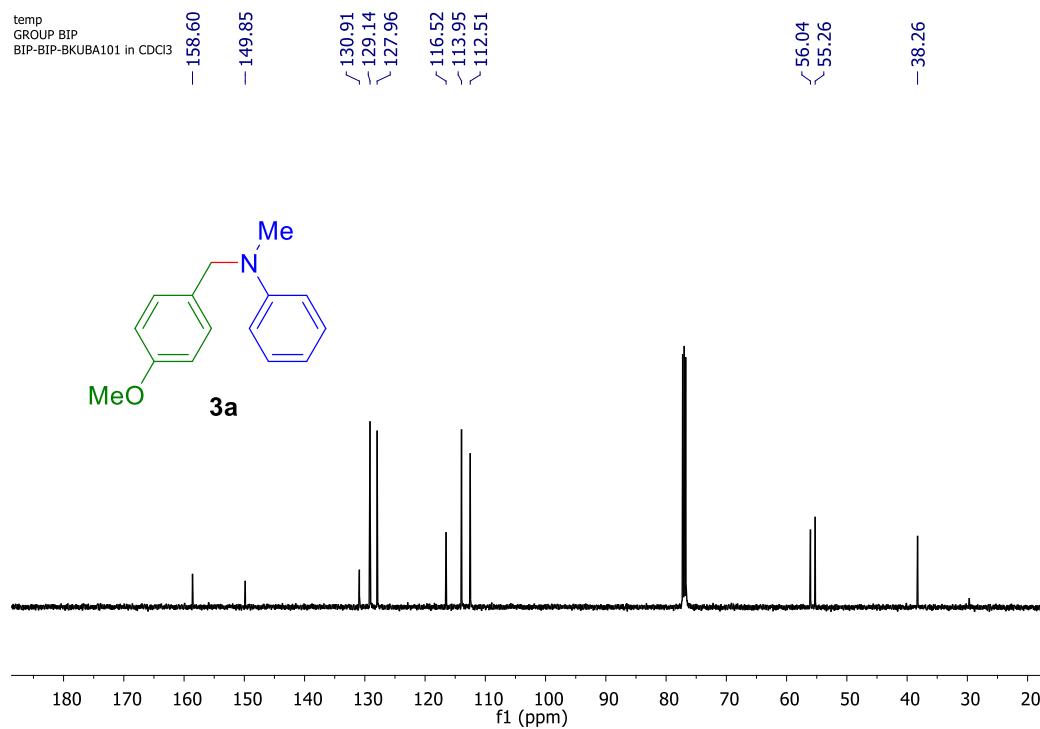
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Copies of NMR spectra

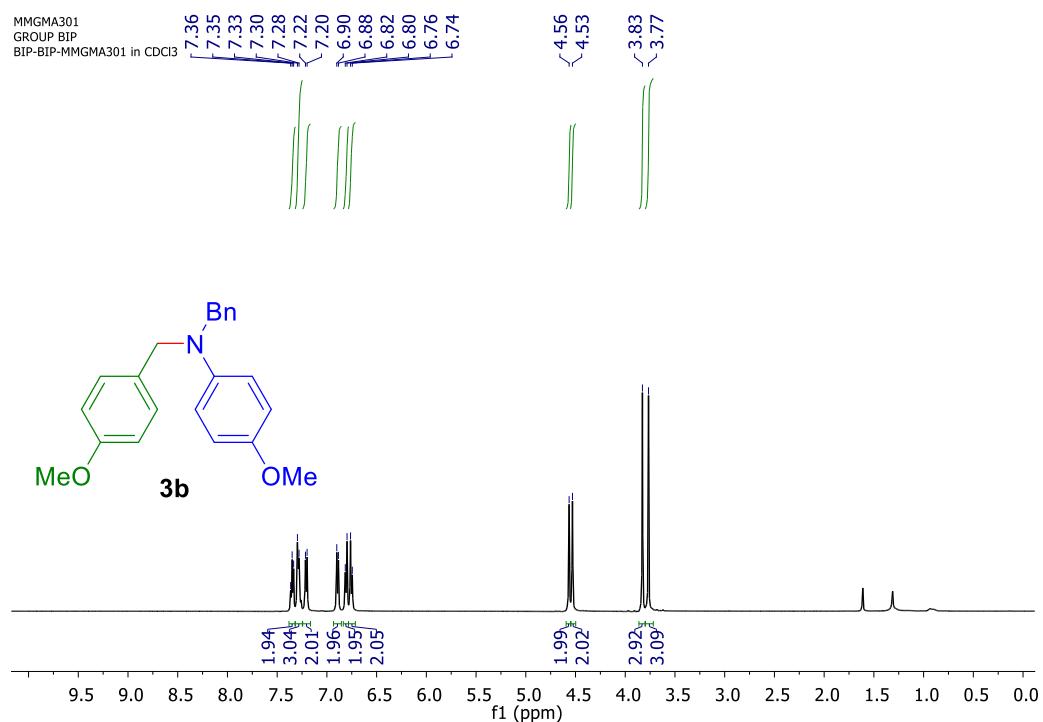
¹H NMR of 3a in CDCl₃



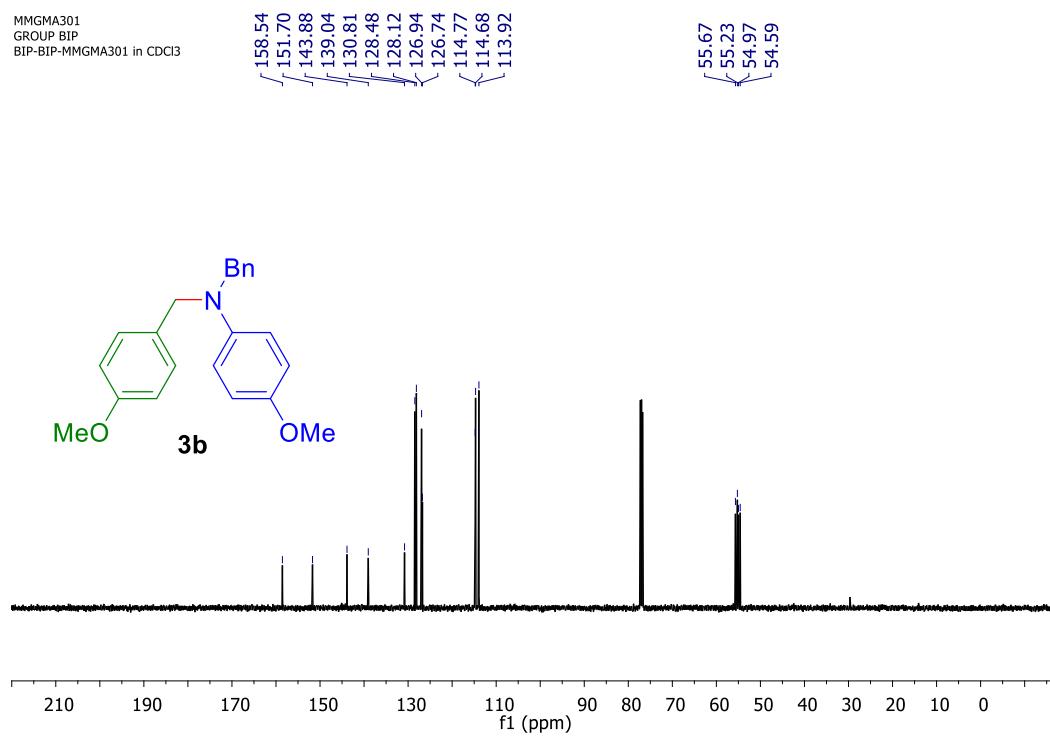
¹³C NMR of 3a in CDCl₃



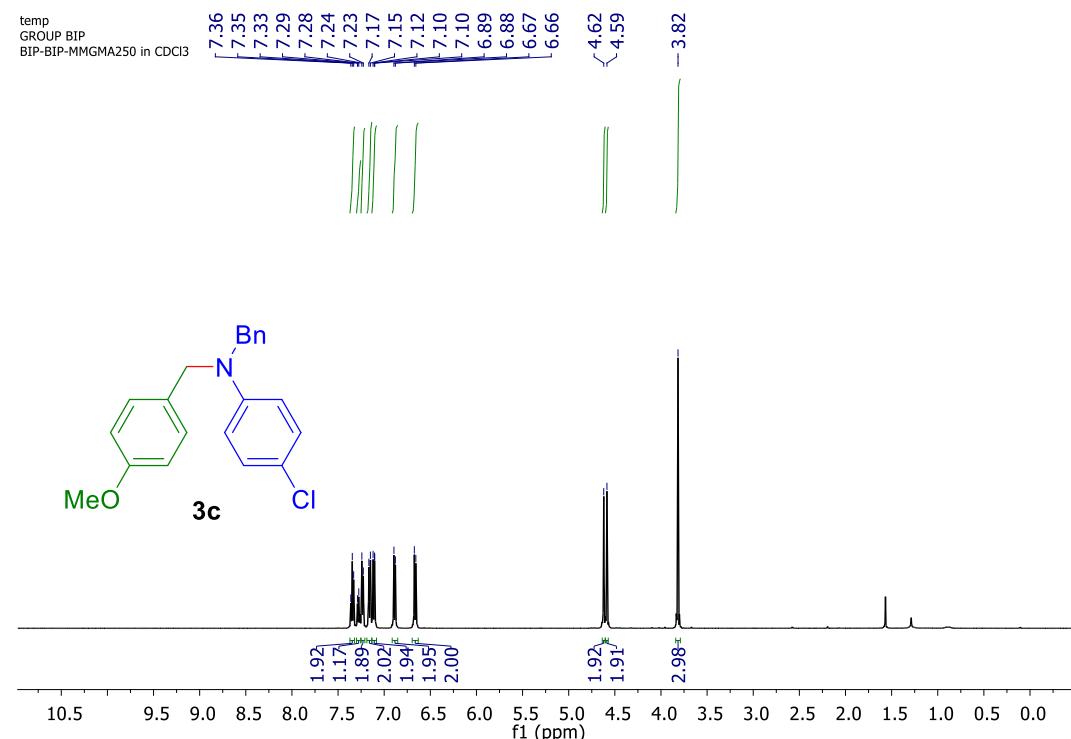
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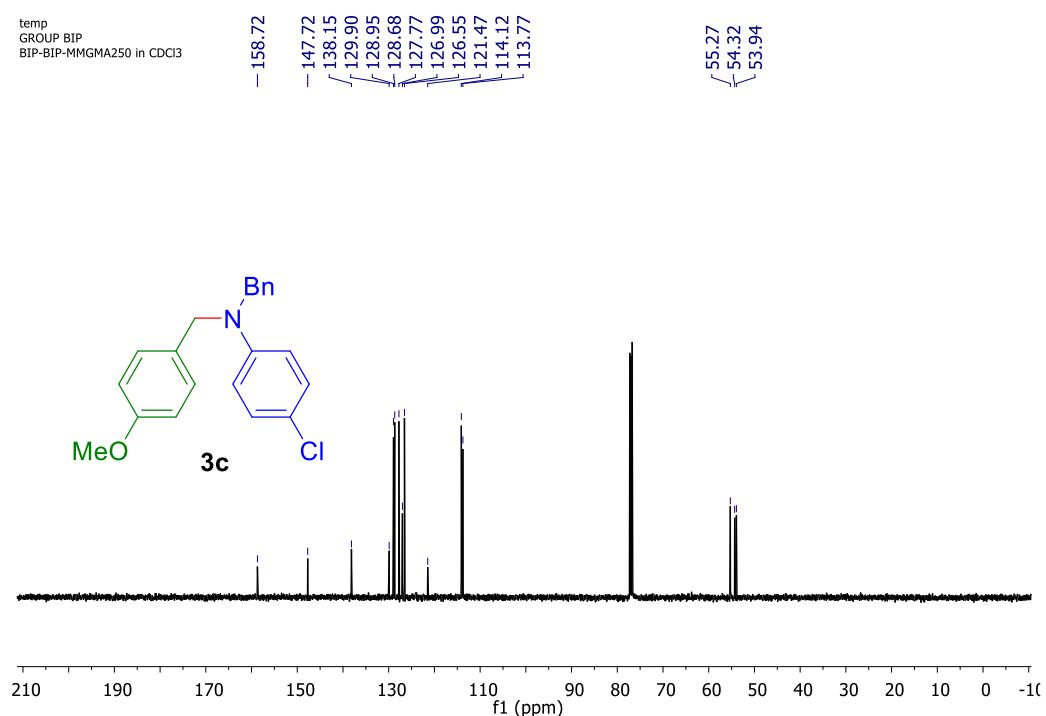
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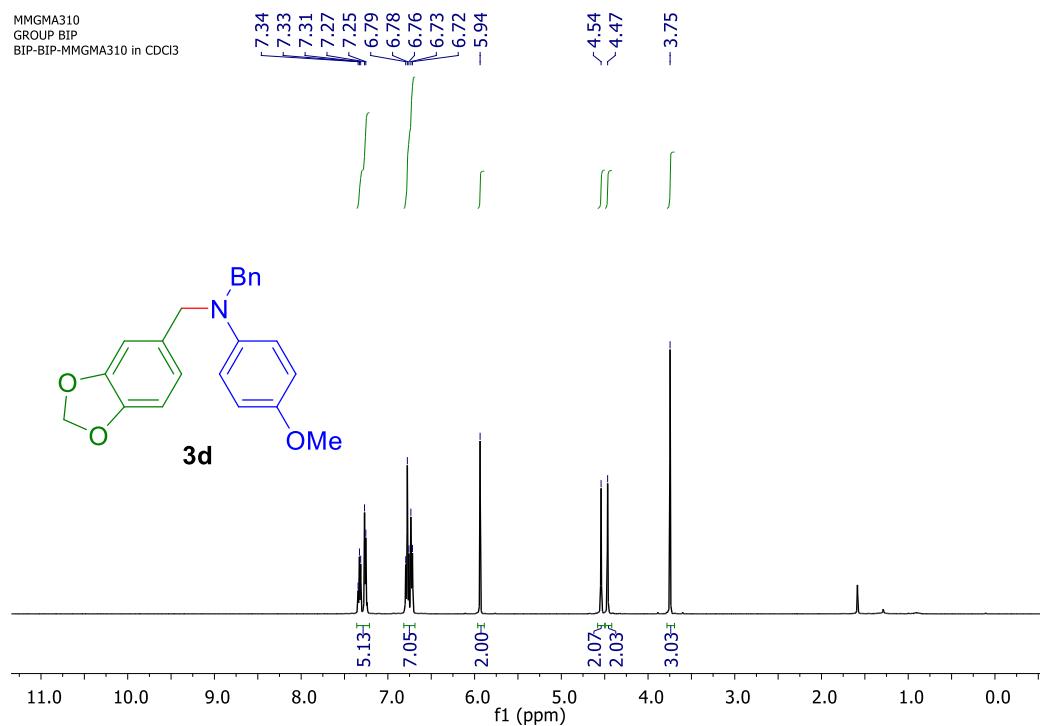
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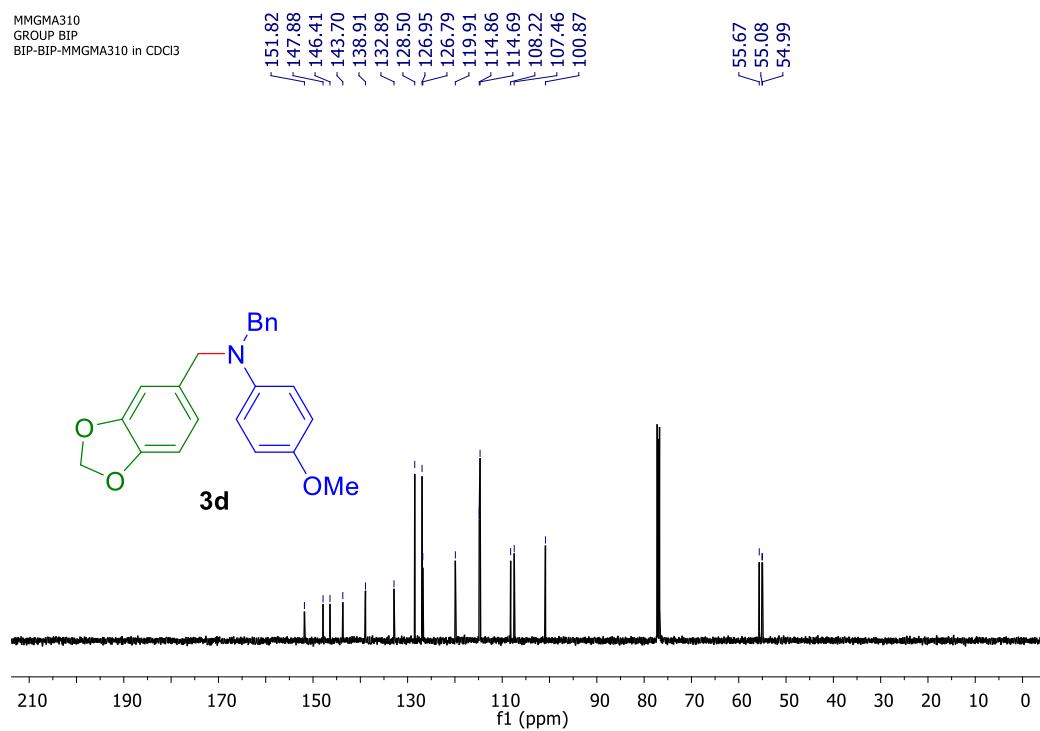
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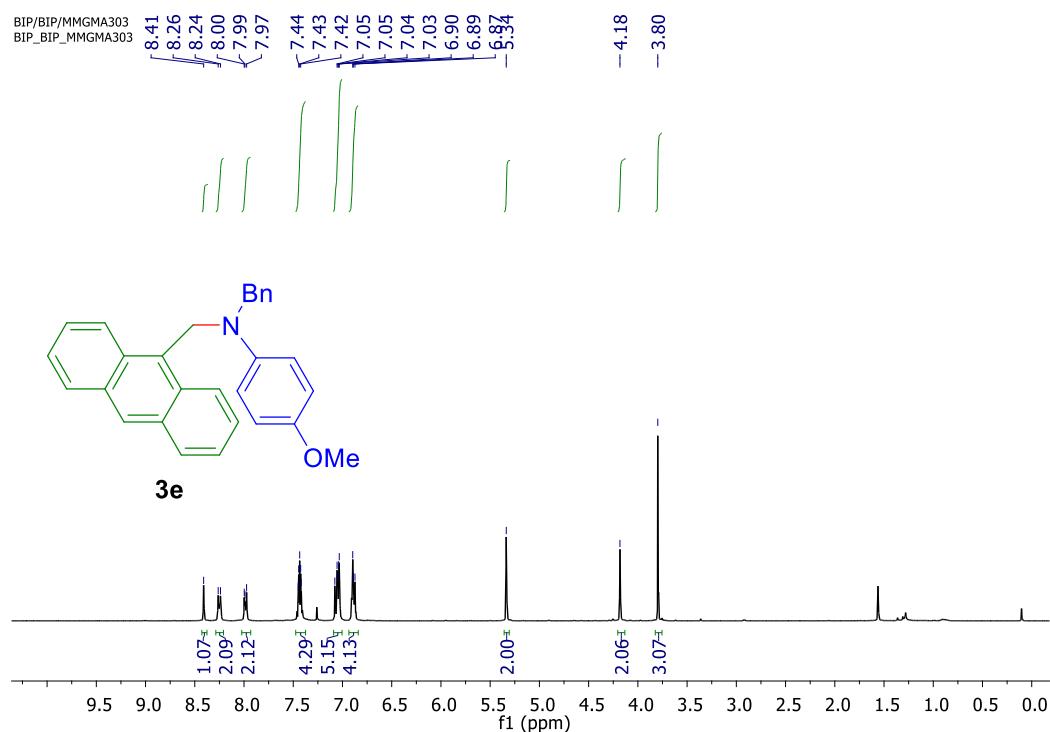
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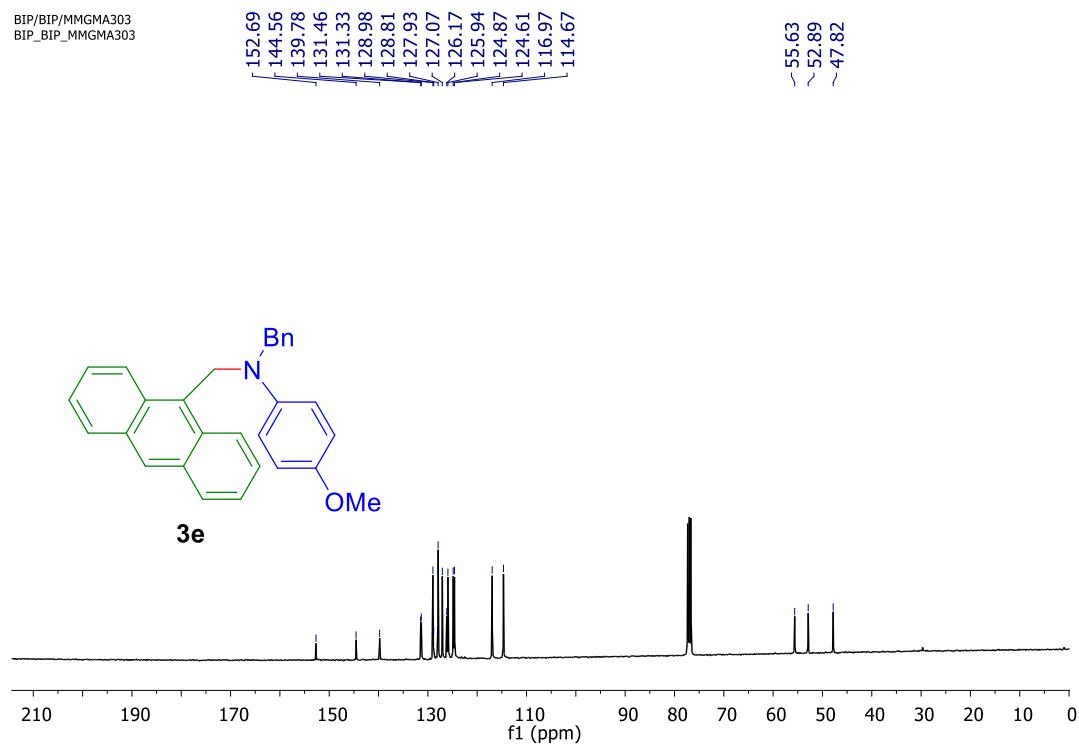
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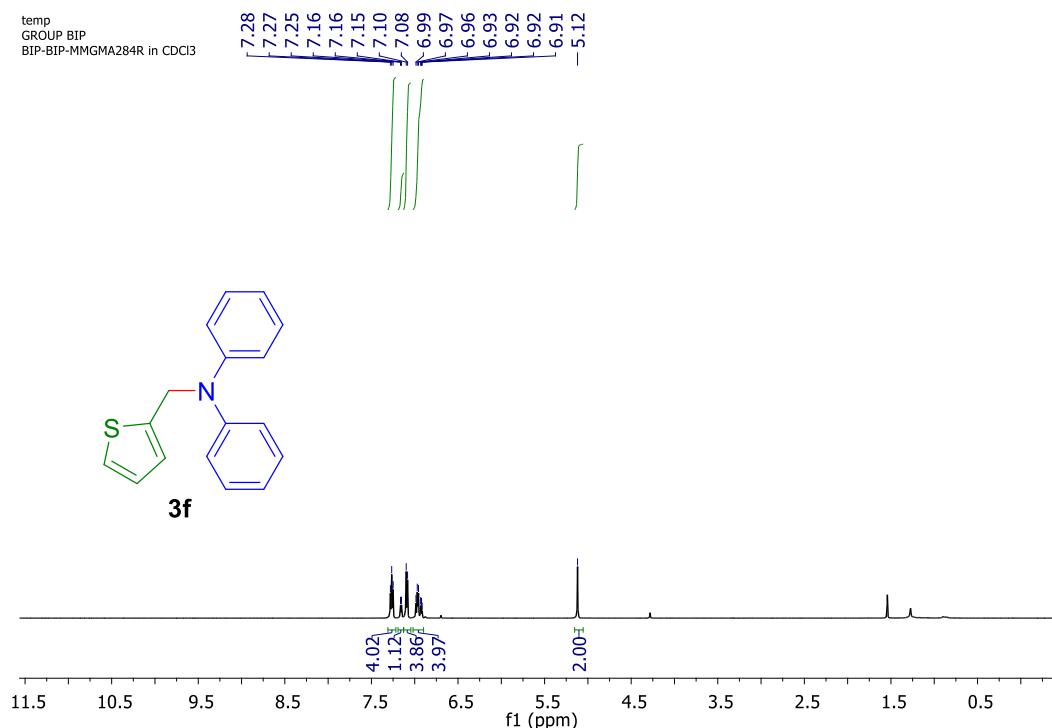
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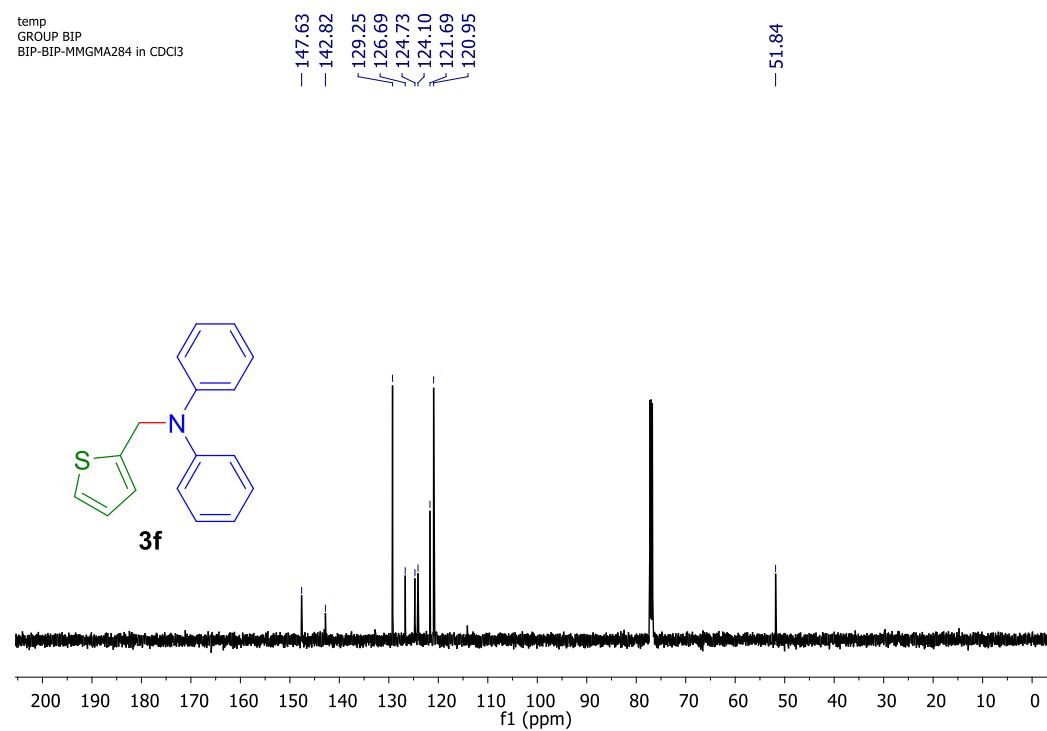
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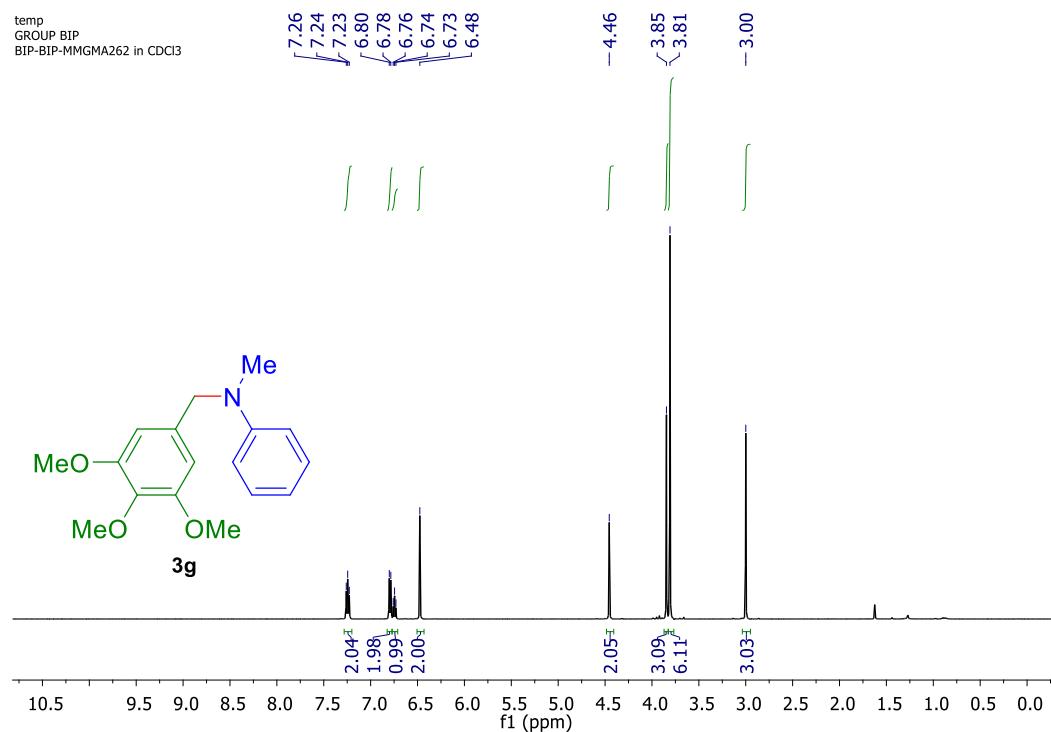
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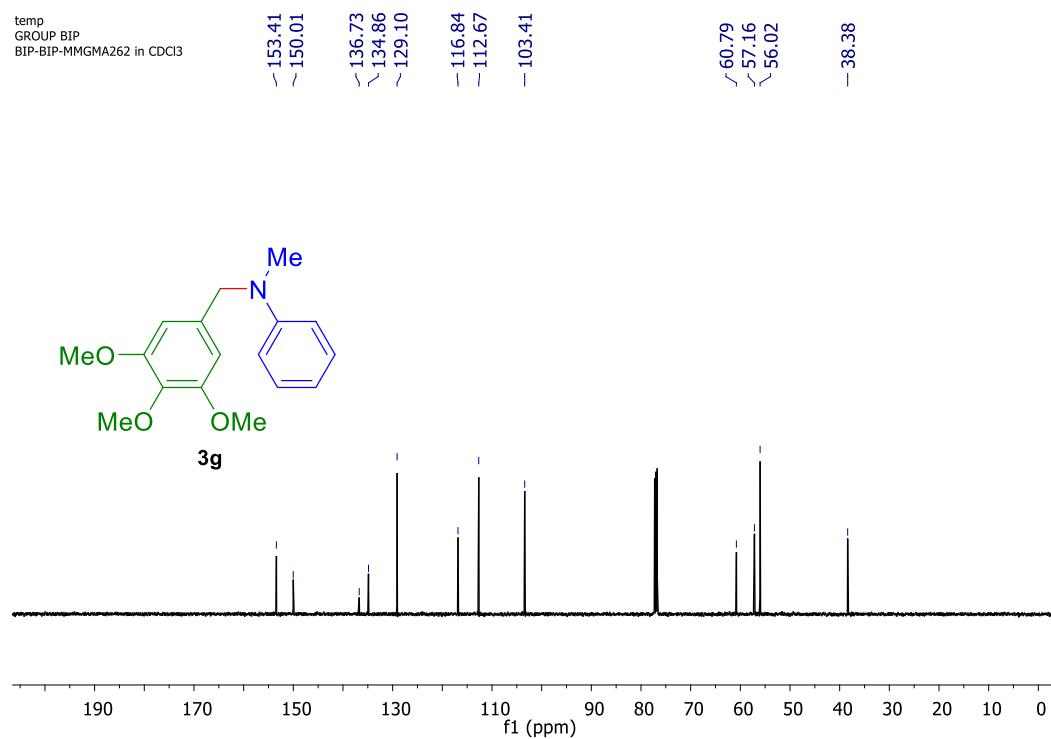
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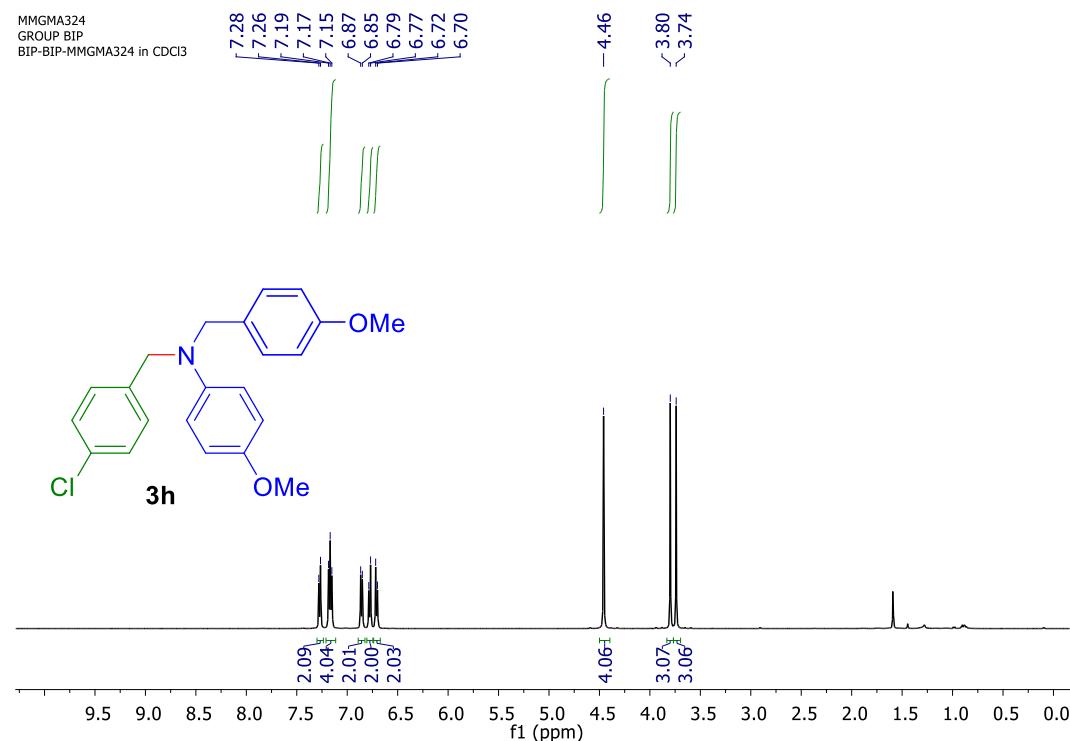
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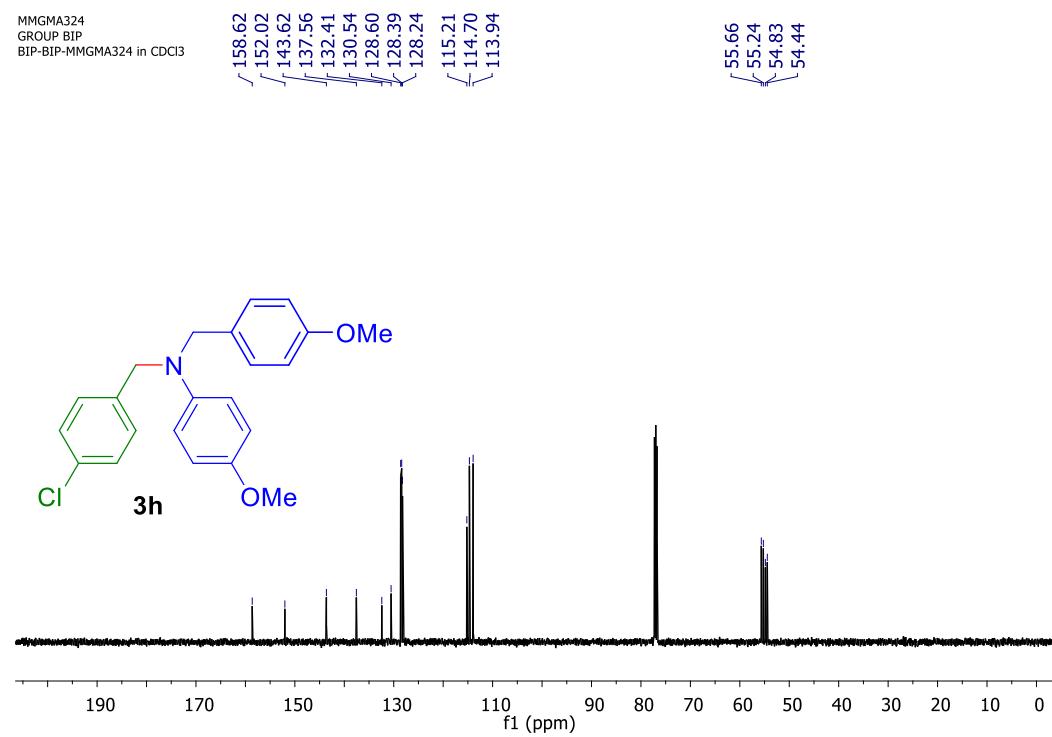
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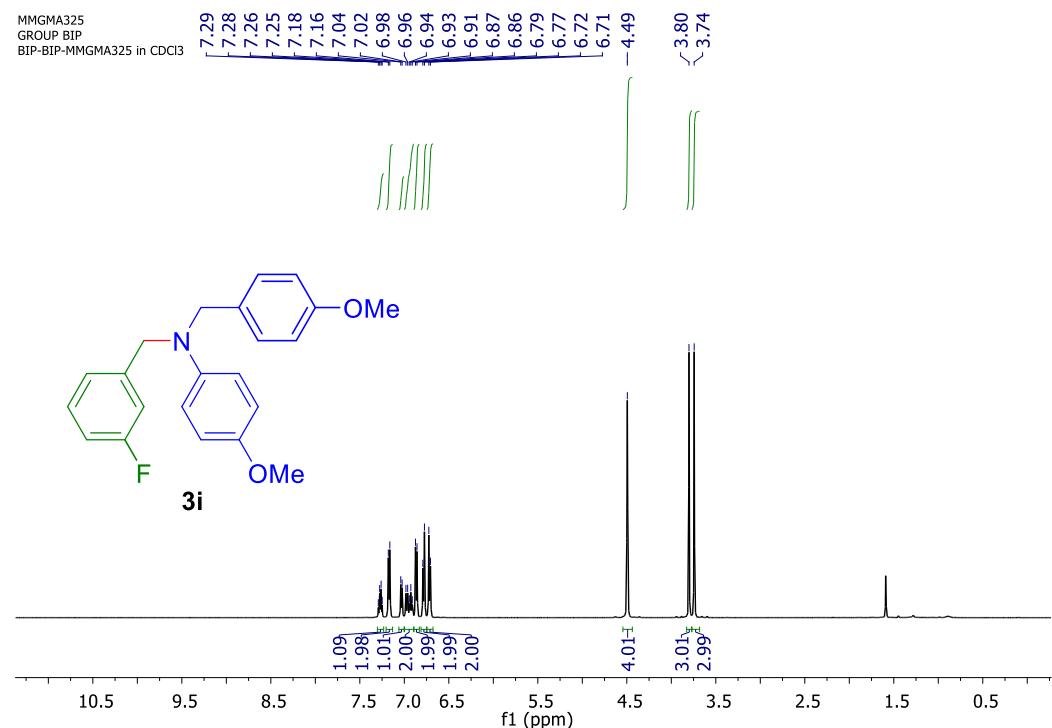
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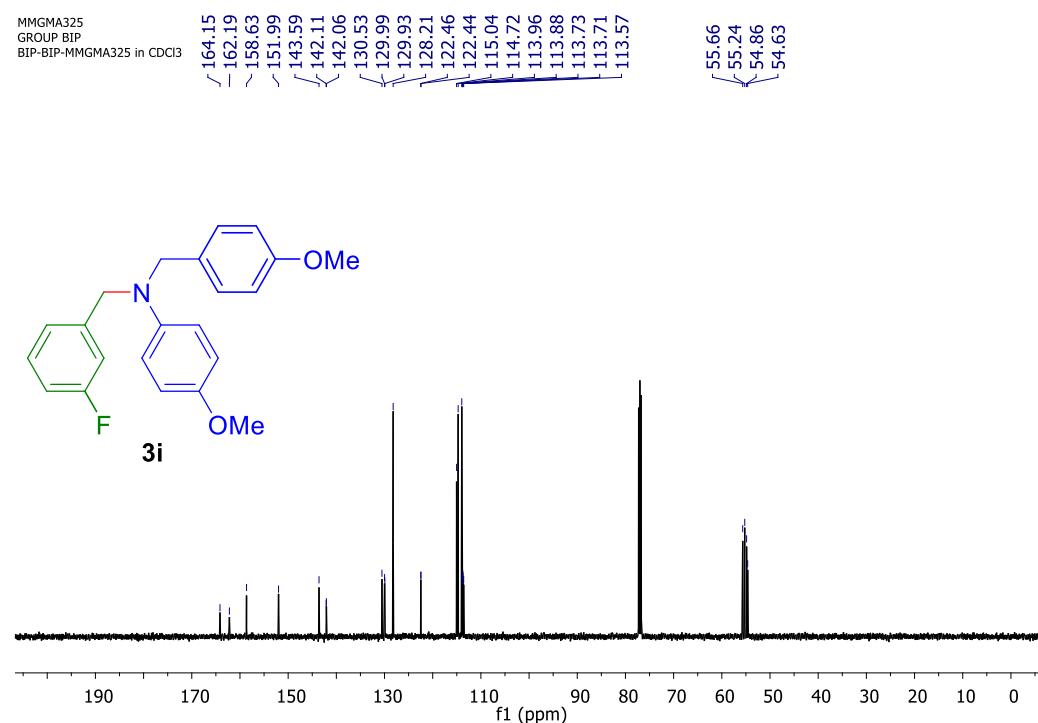
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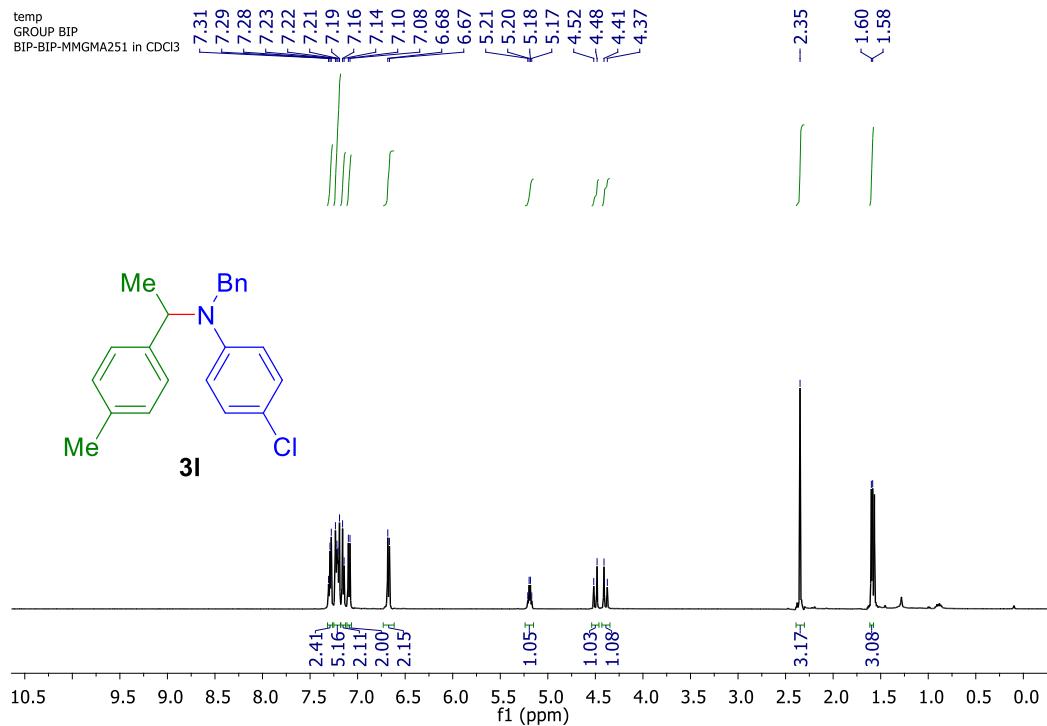
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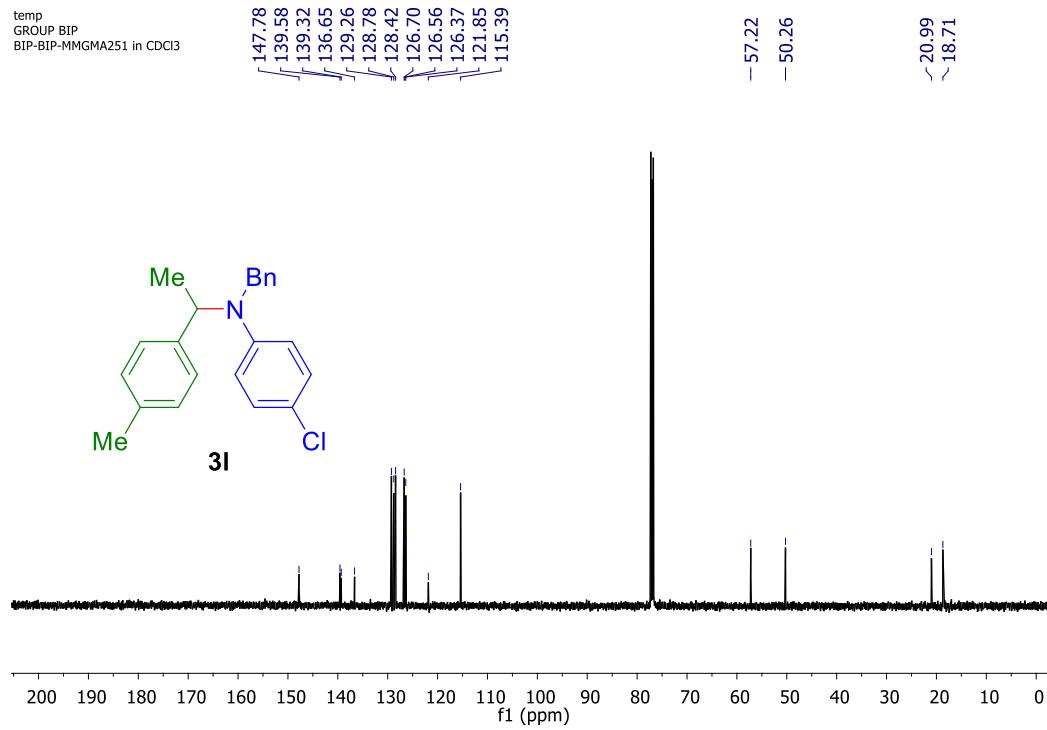
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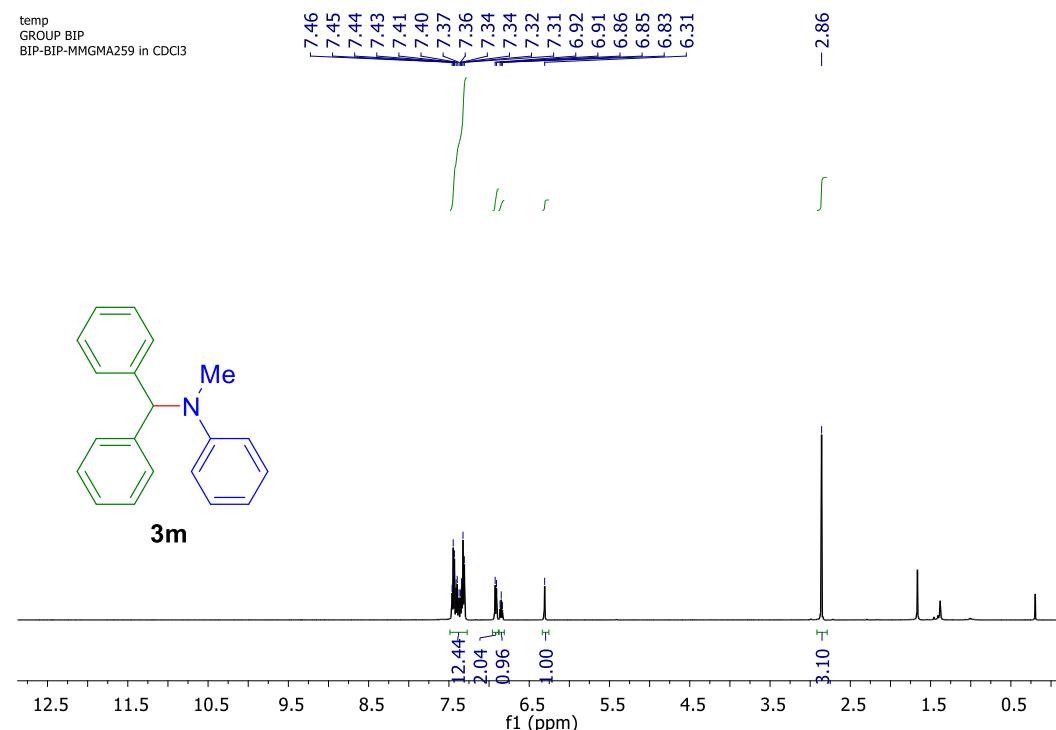
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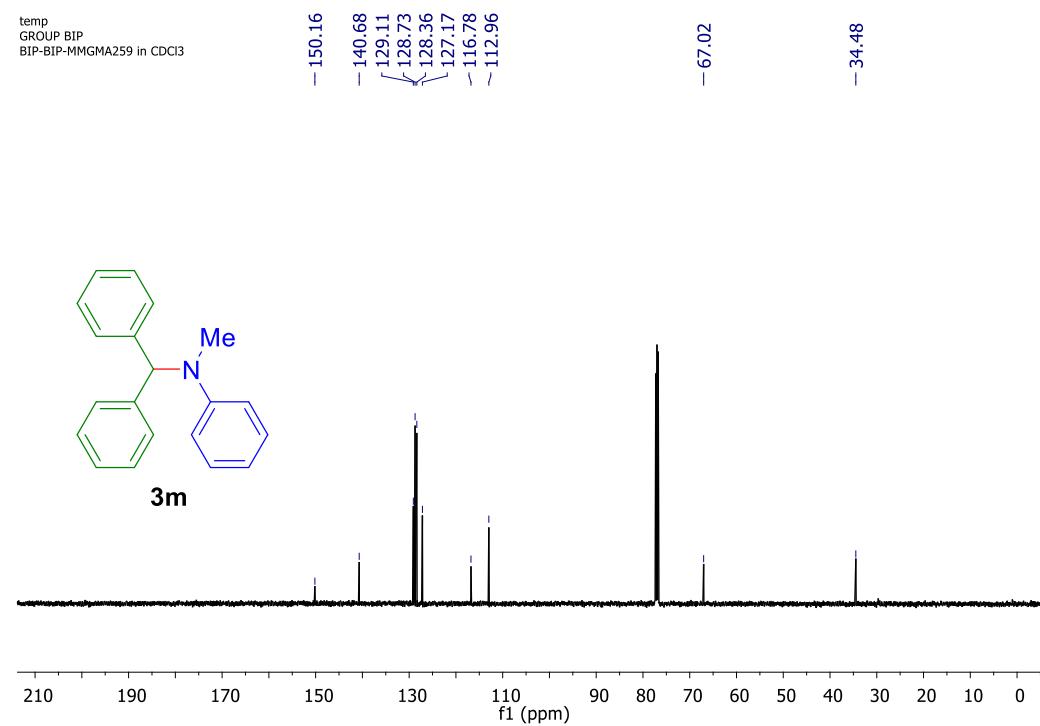
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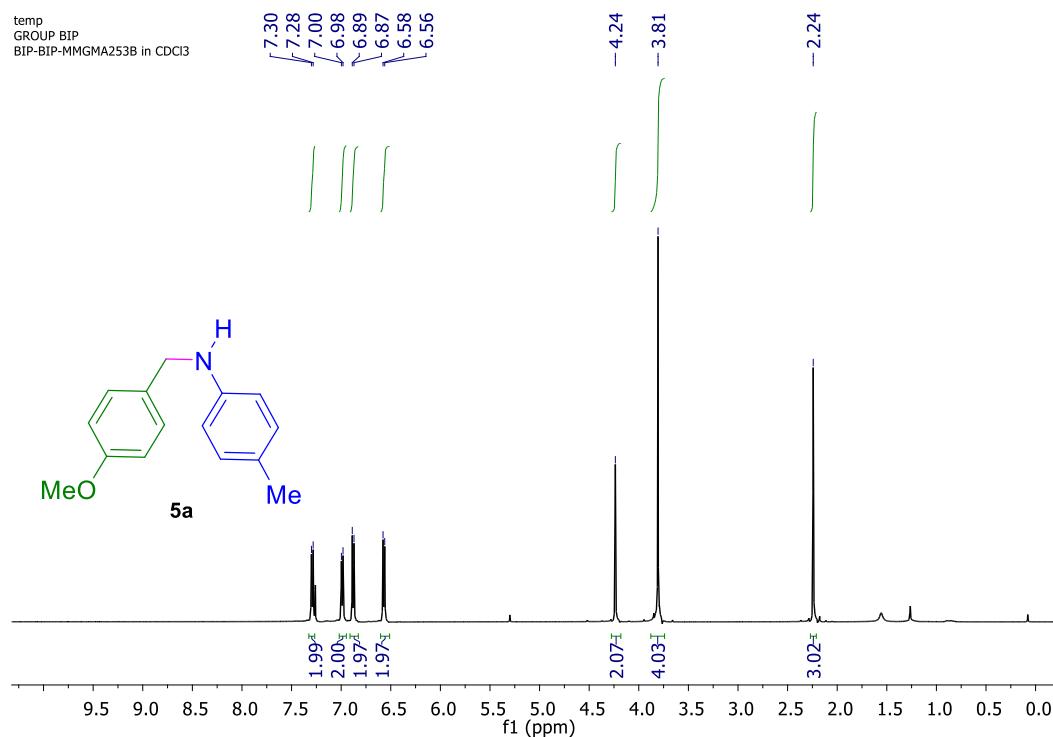
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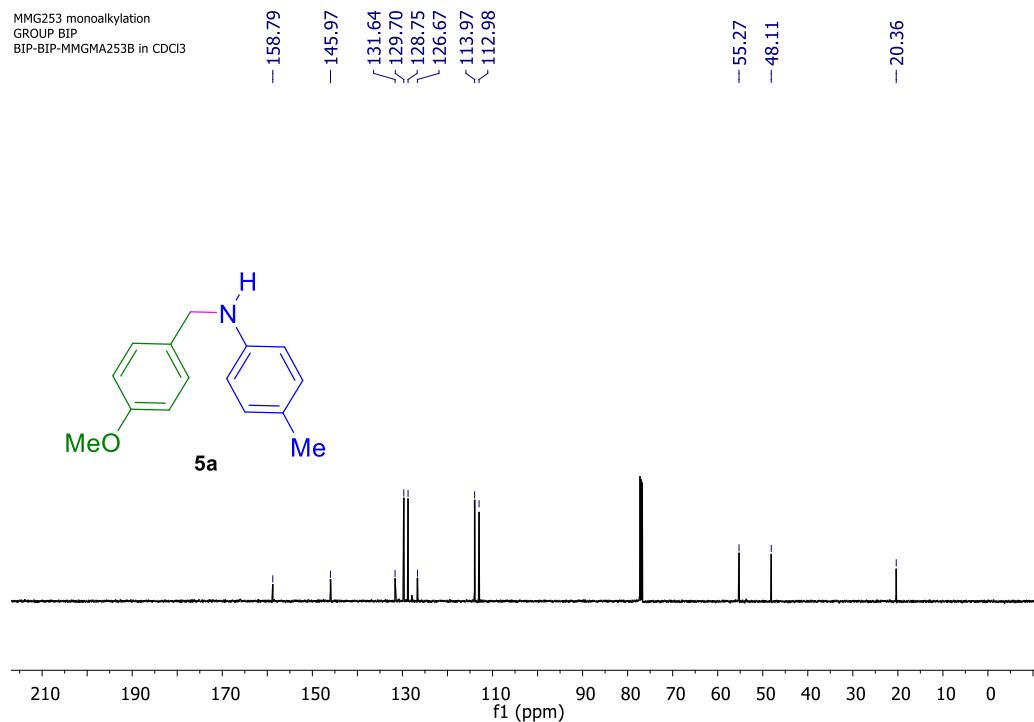
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¹H NMR of 5a in CDCl₃

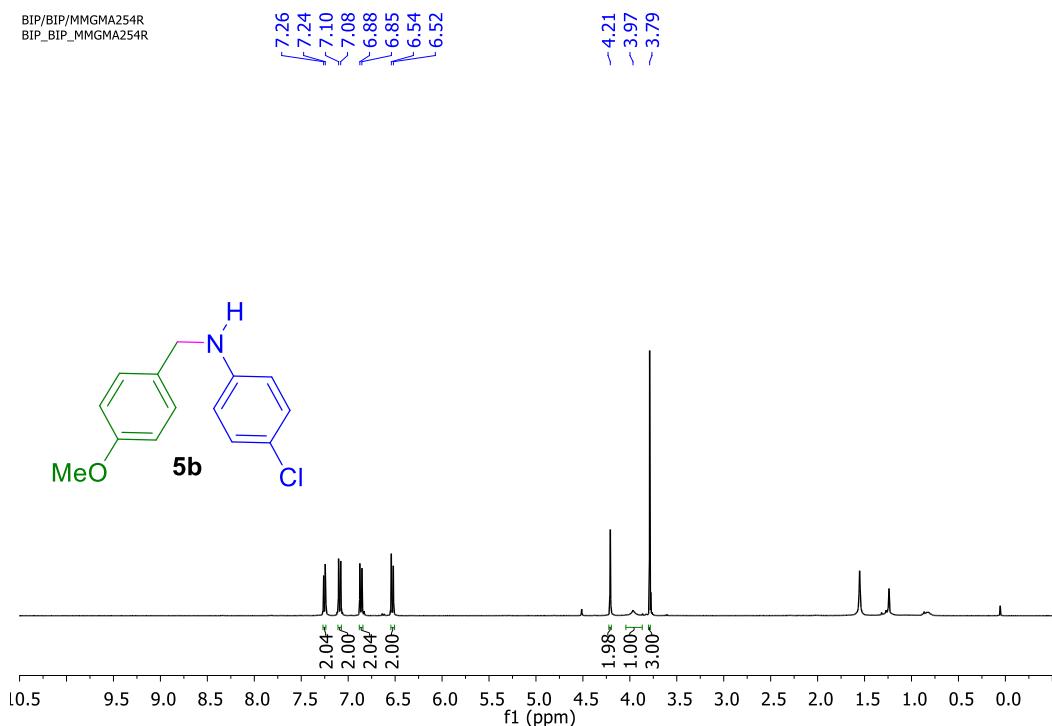


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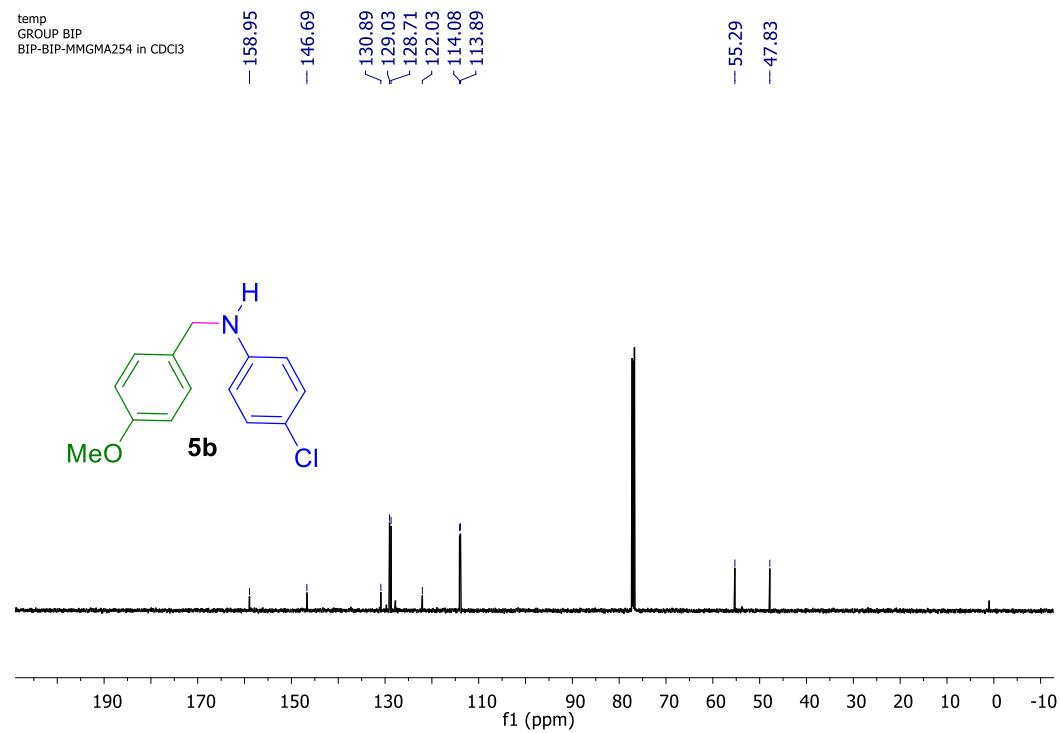
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BIP/BIP/MMGMA254R
BIP_BIP_MMGMA254R



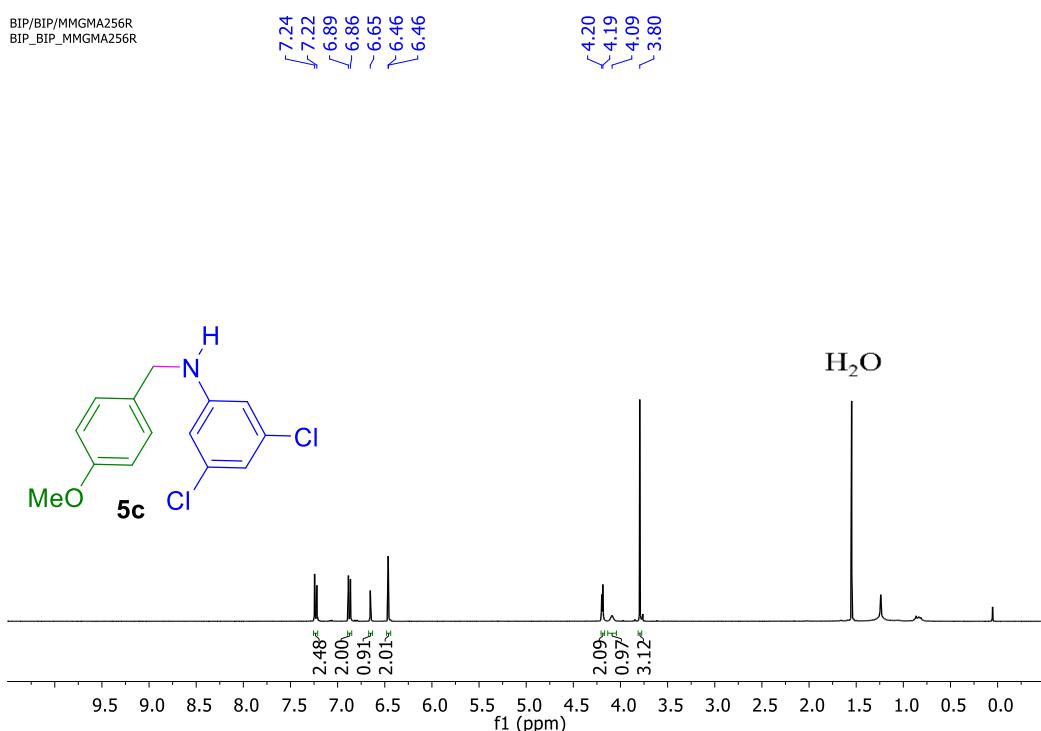
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temp
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BIP-BIP-MMGMA254 in CDCl₃



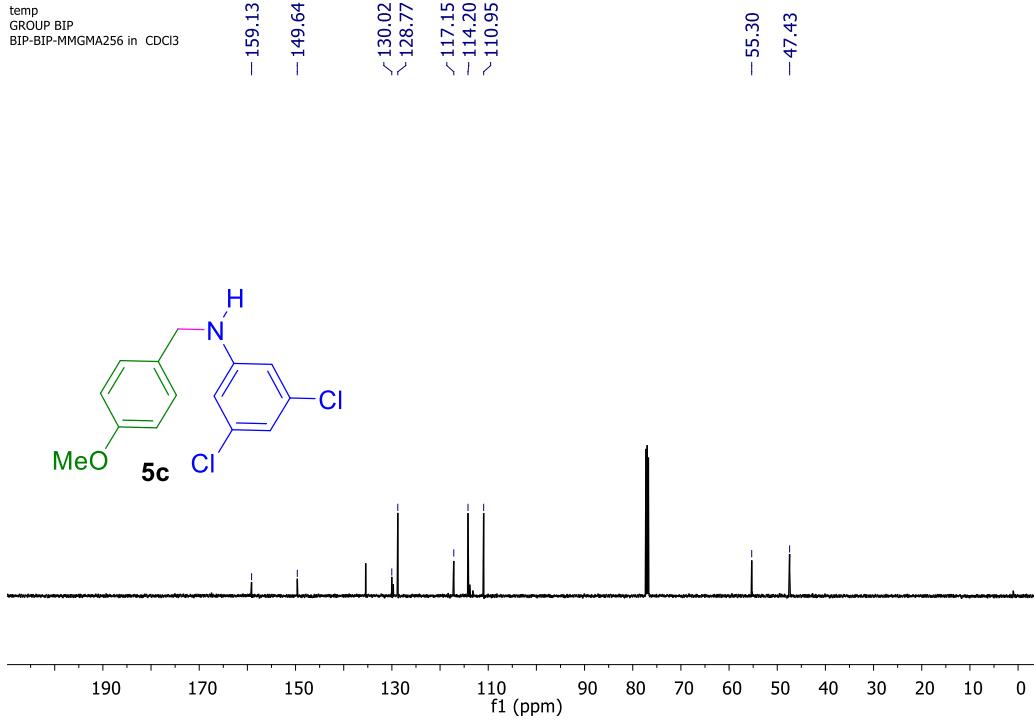
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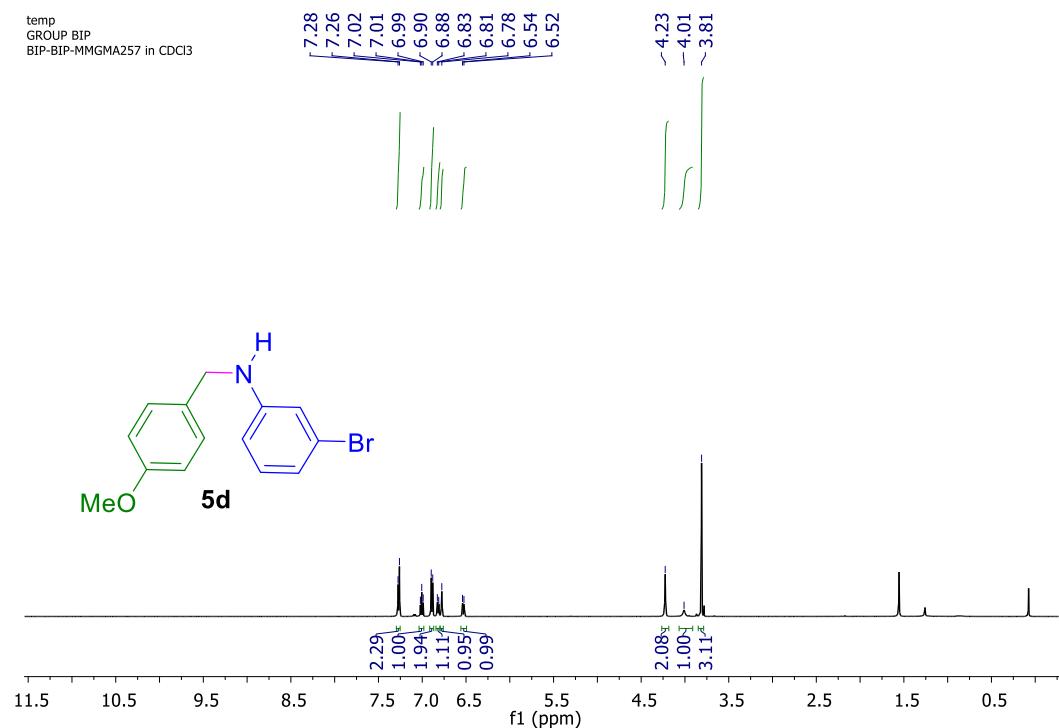


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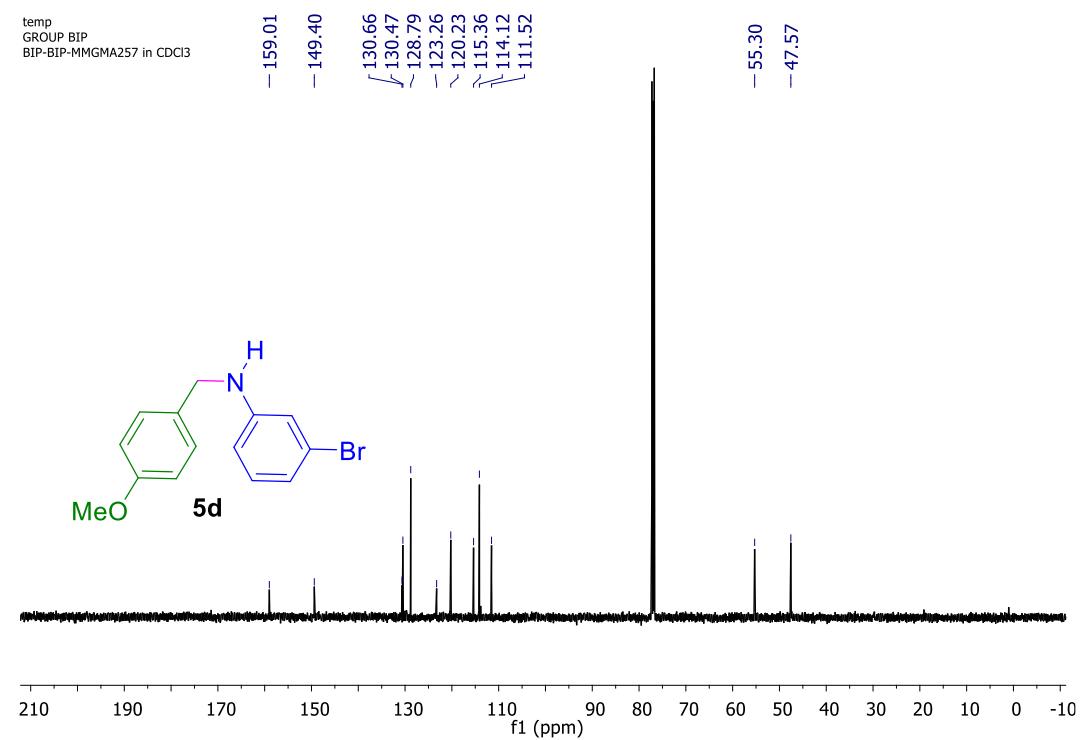
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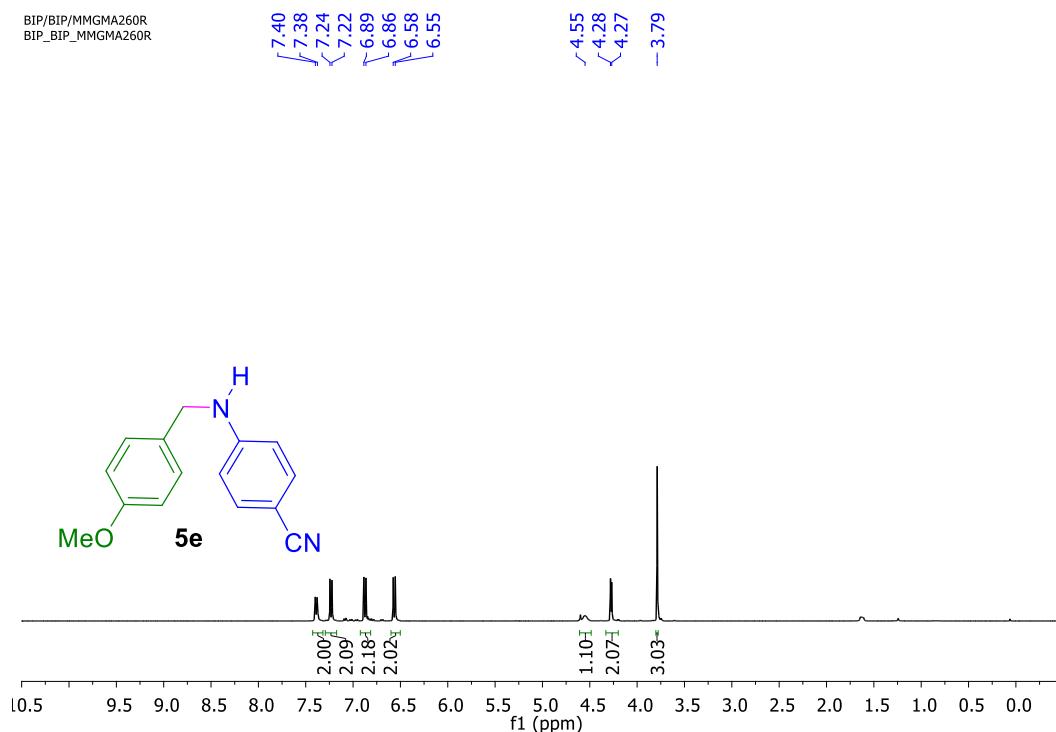
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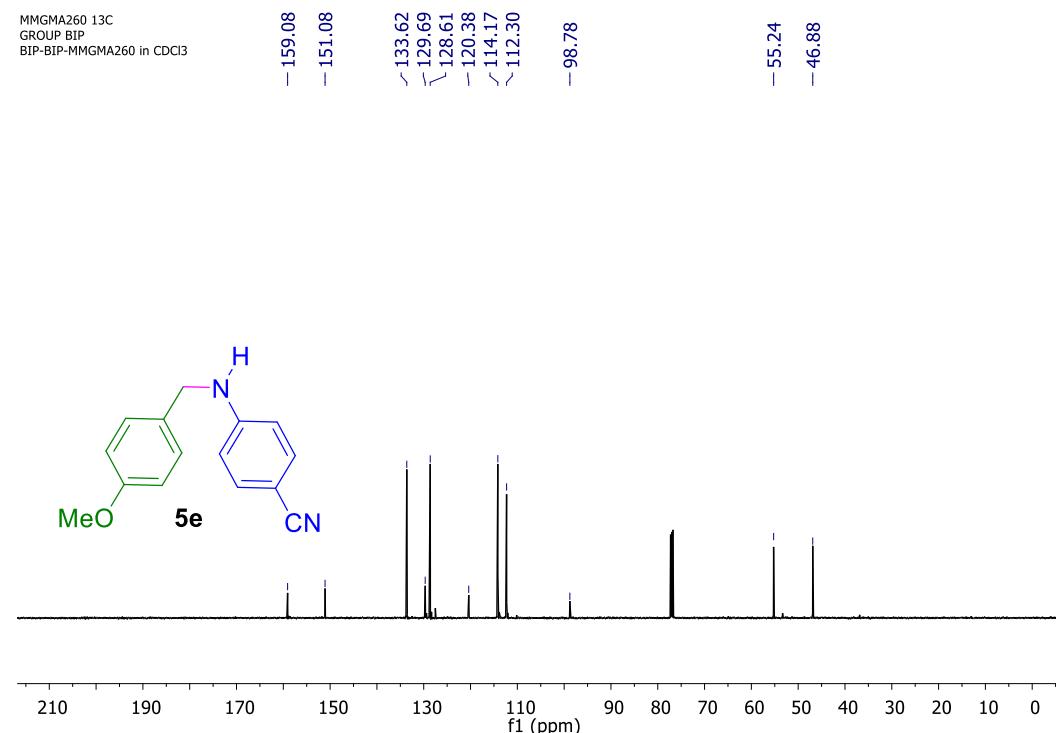
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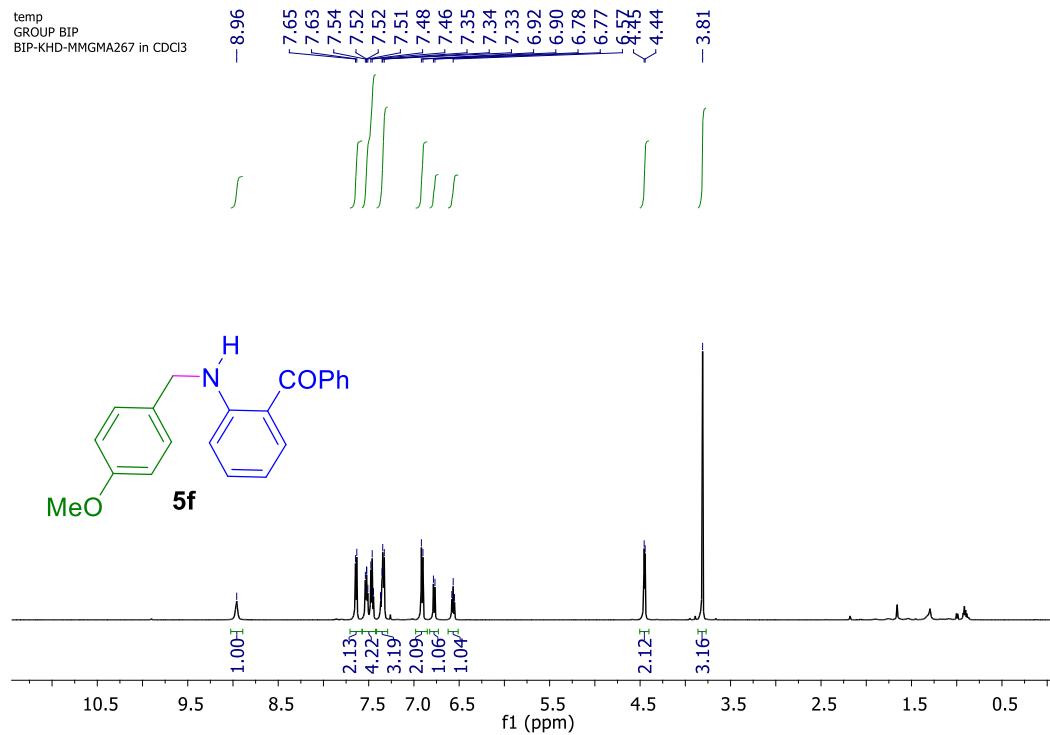
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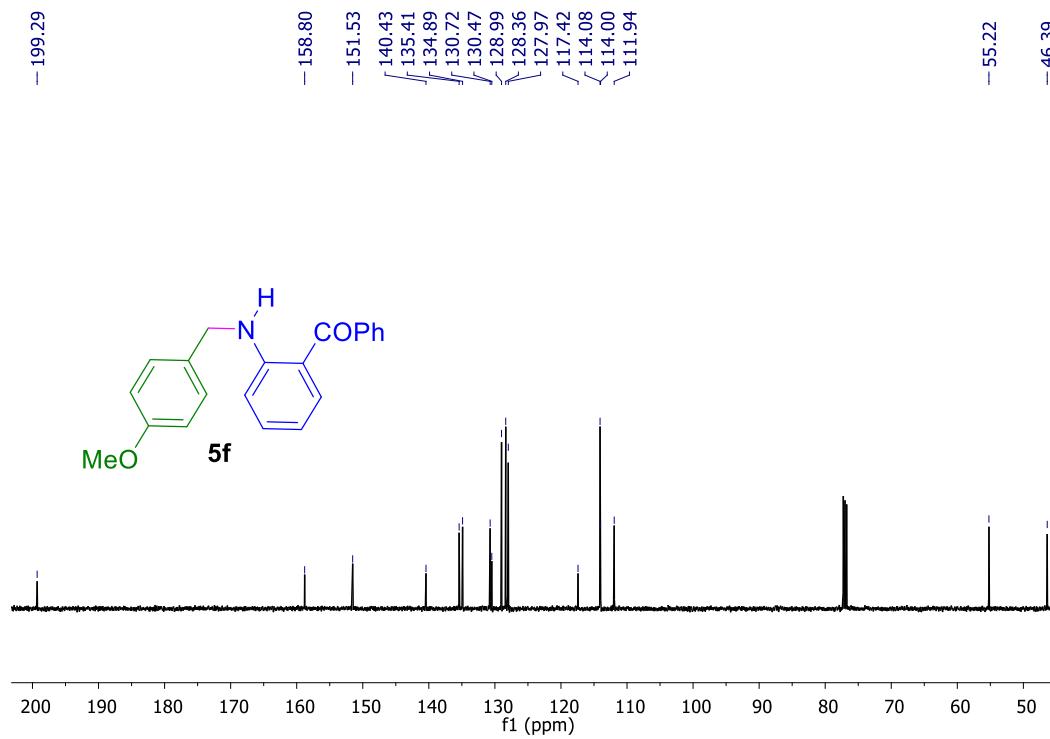
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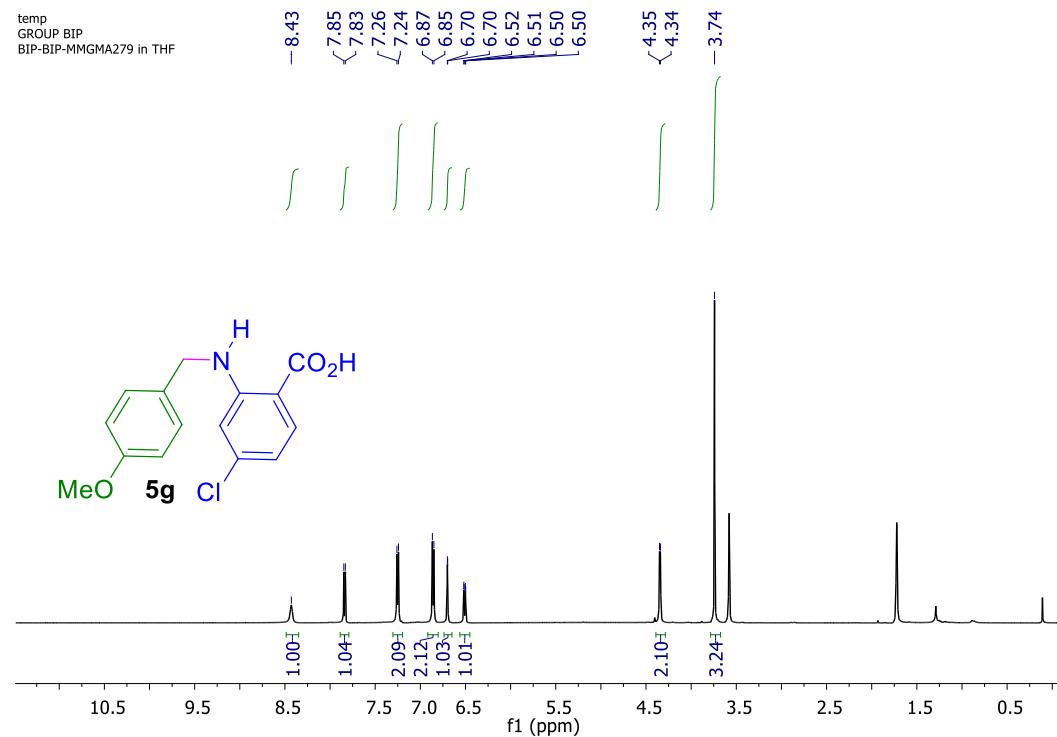
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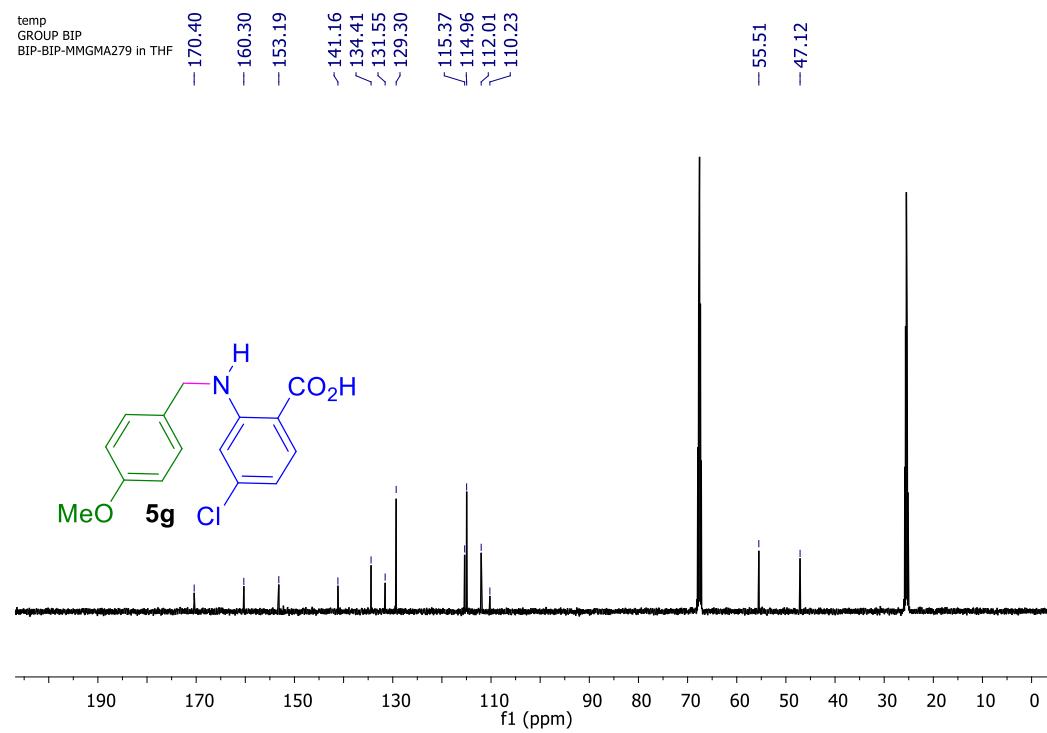
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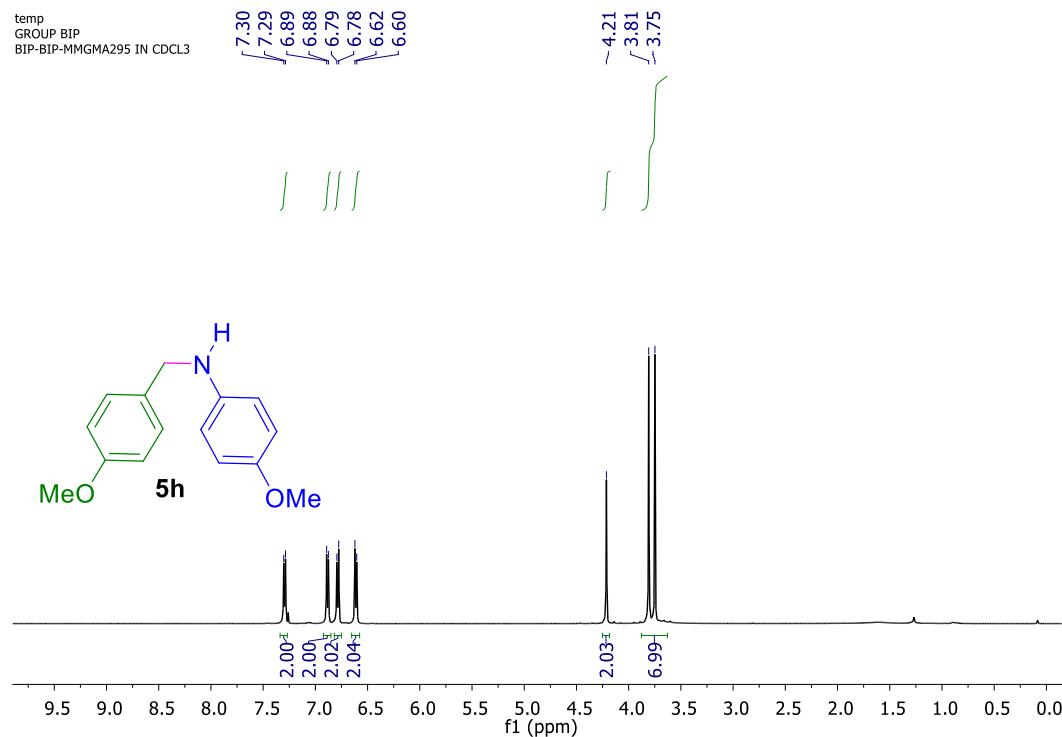
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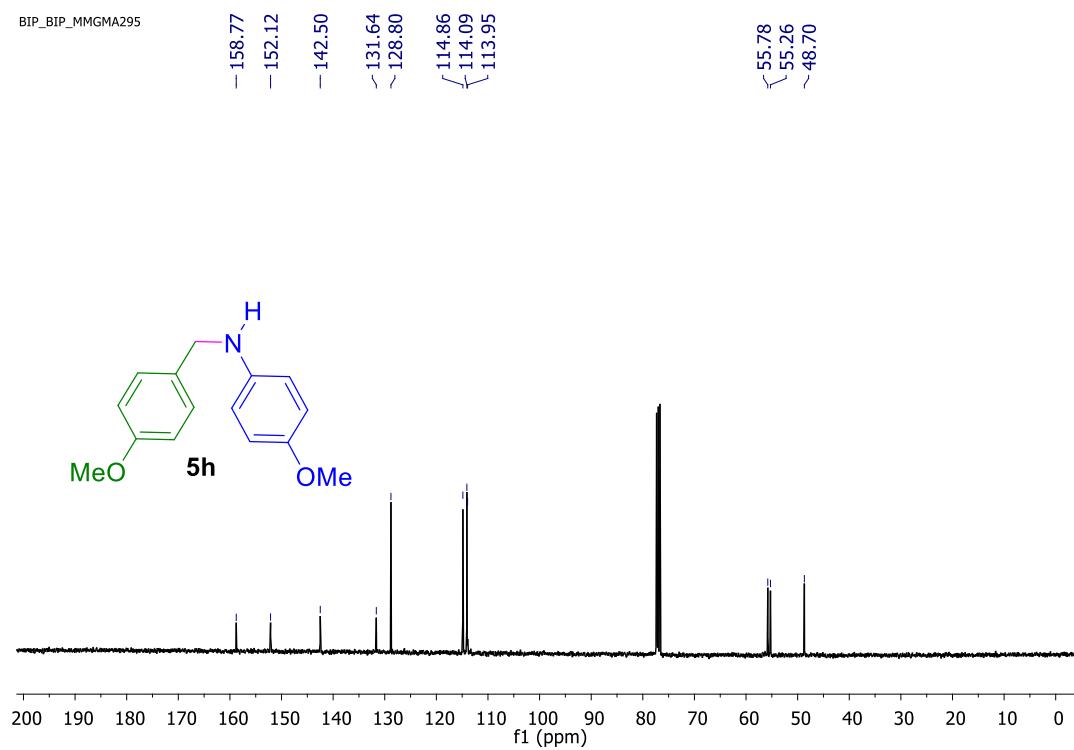
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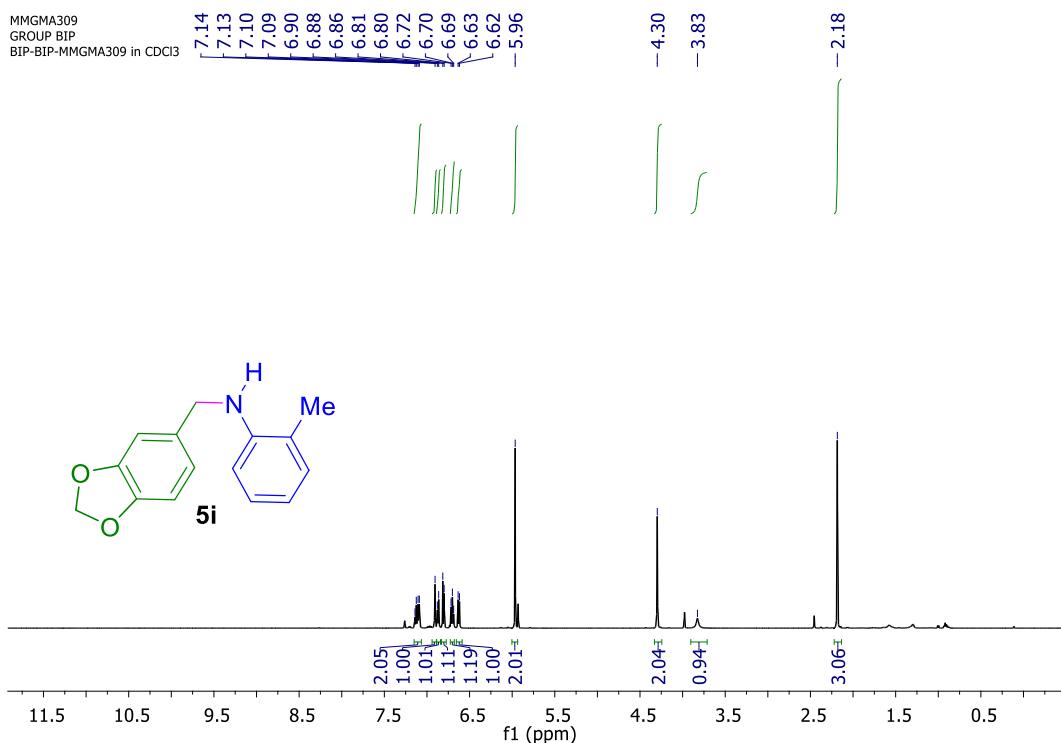
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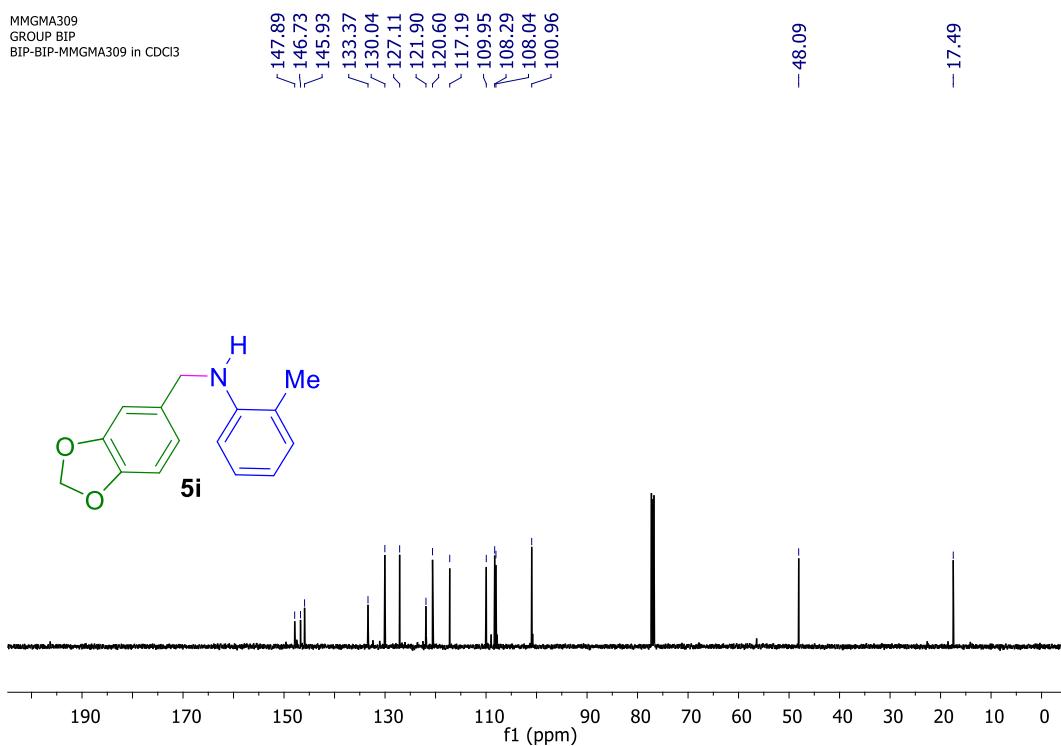
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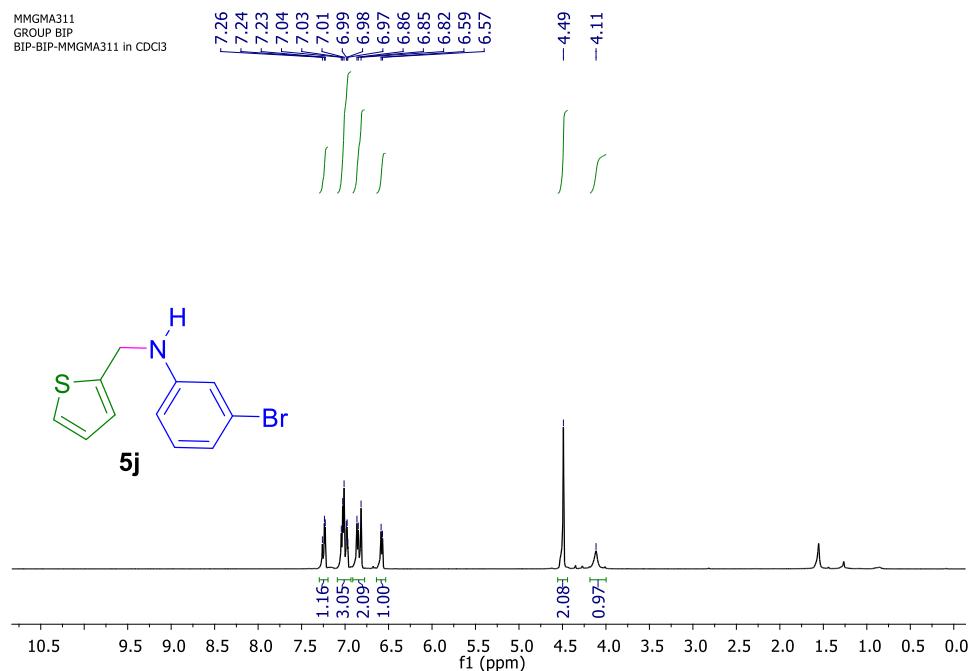
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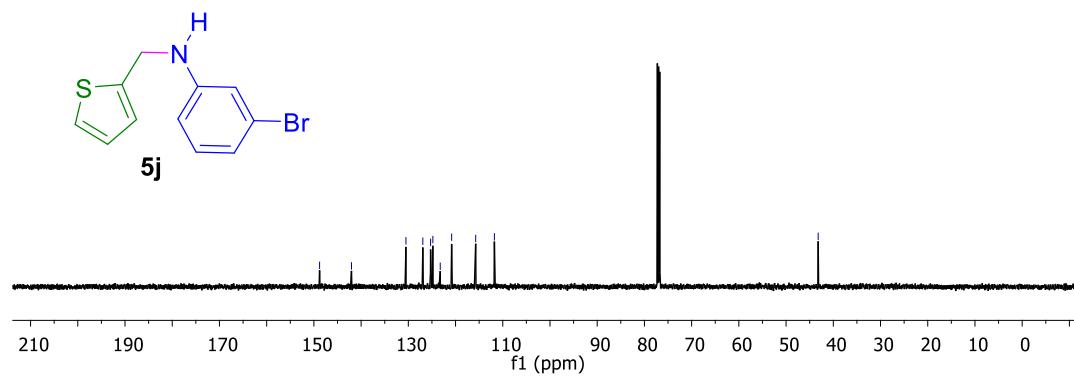
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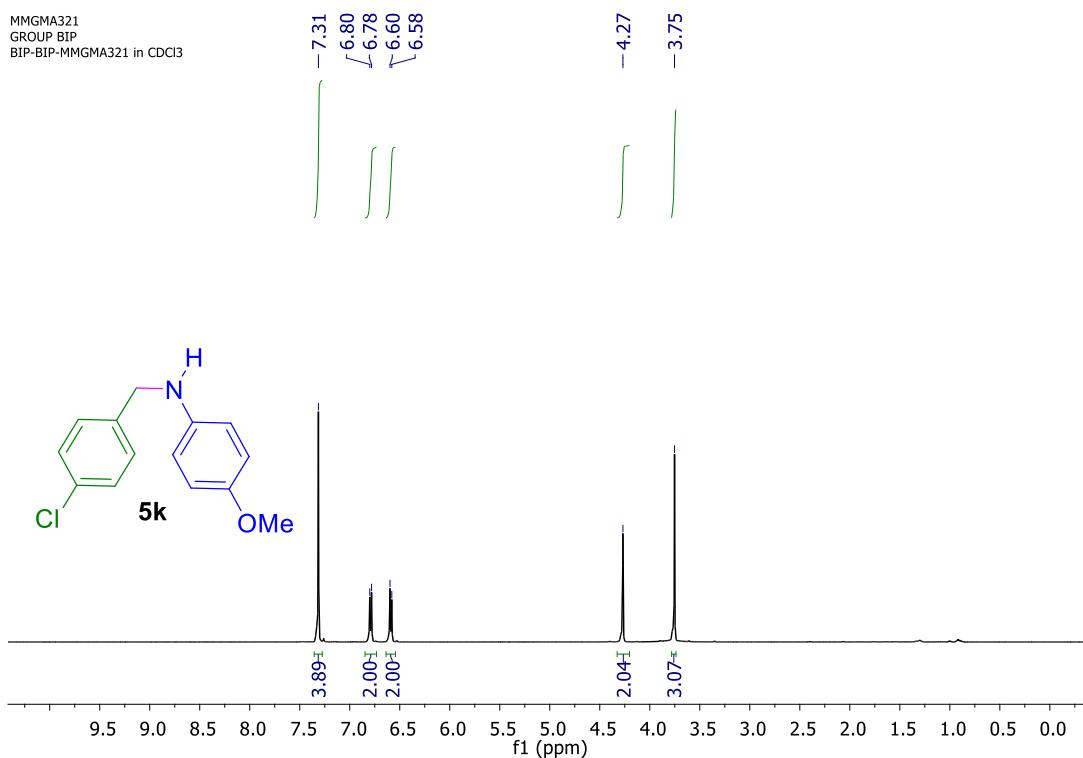


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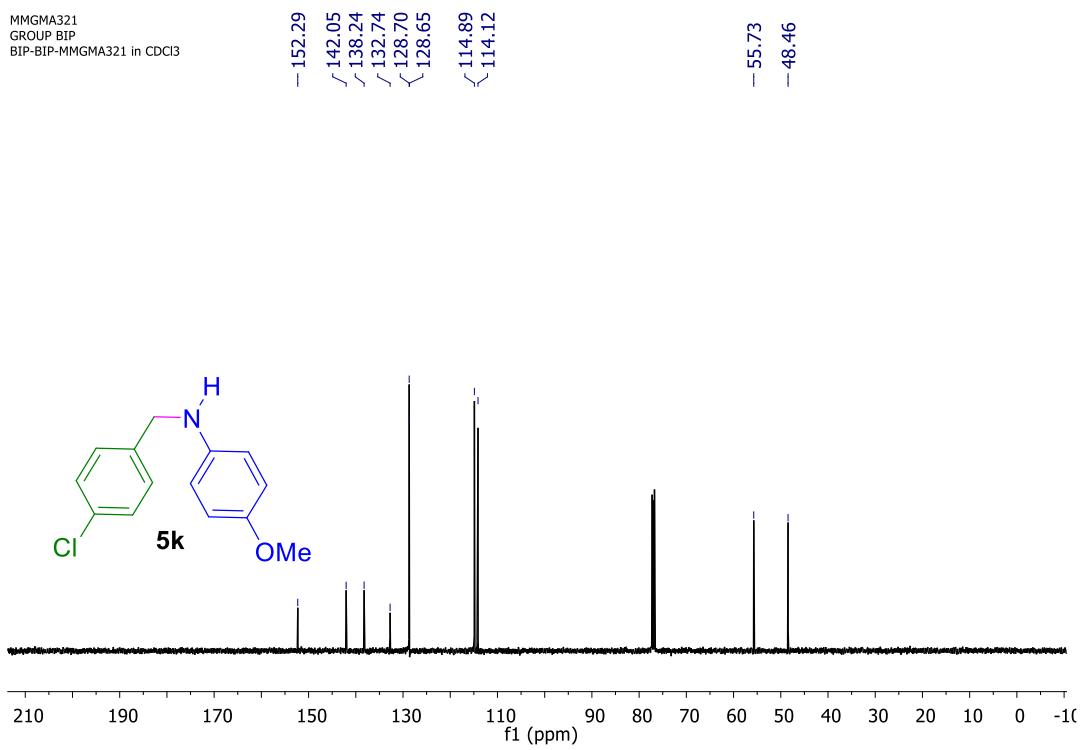
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MMGMA321
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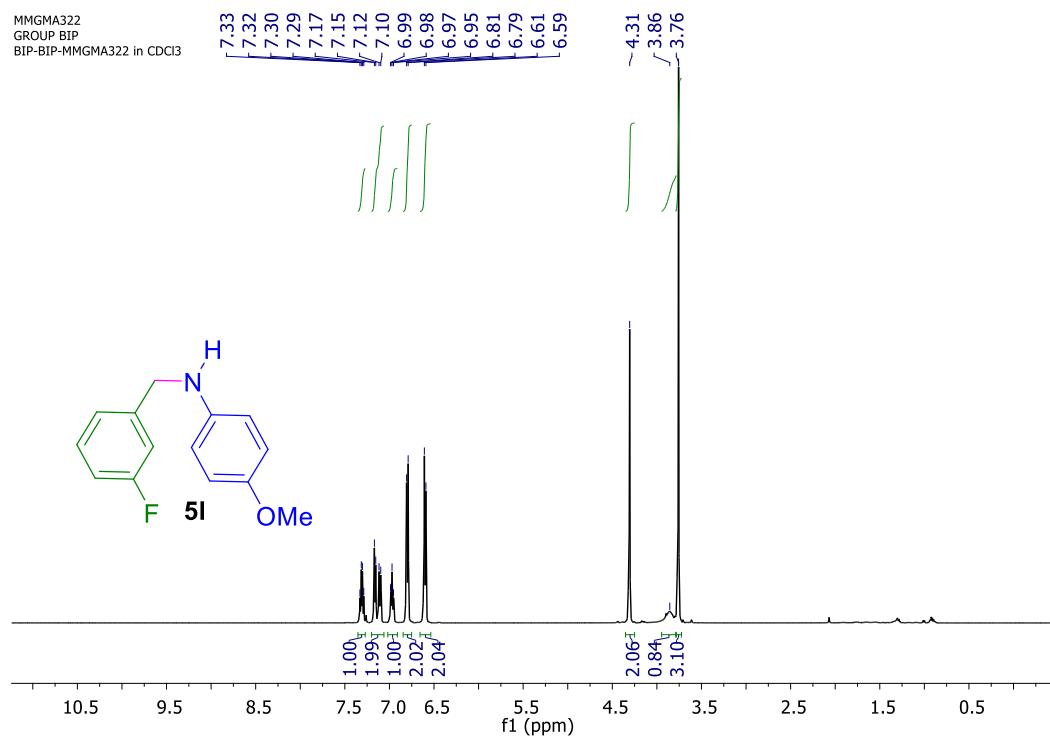


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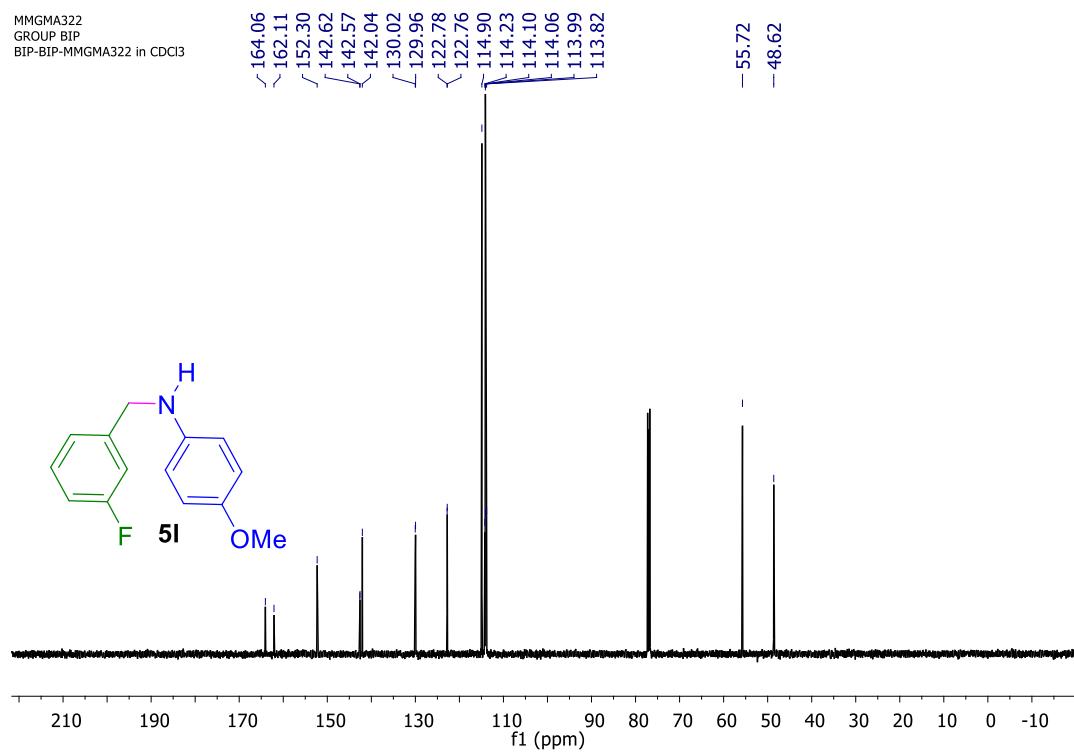
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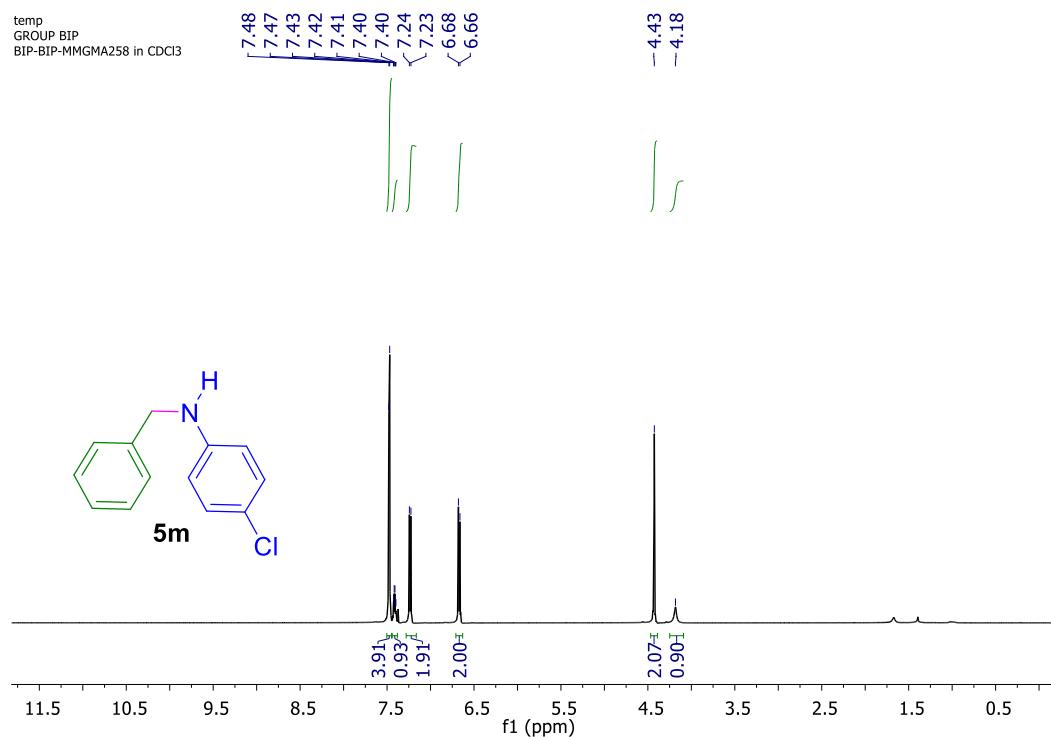
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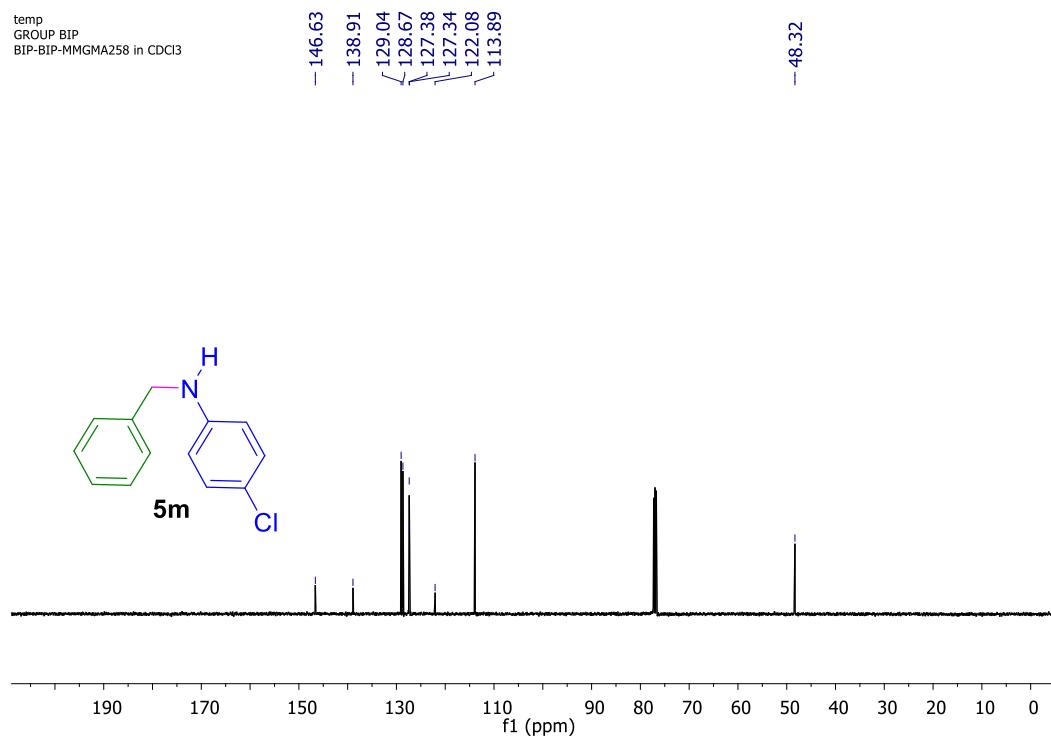
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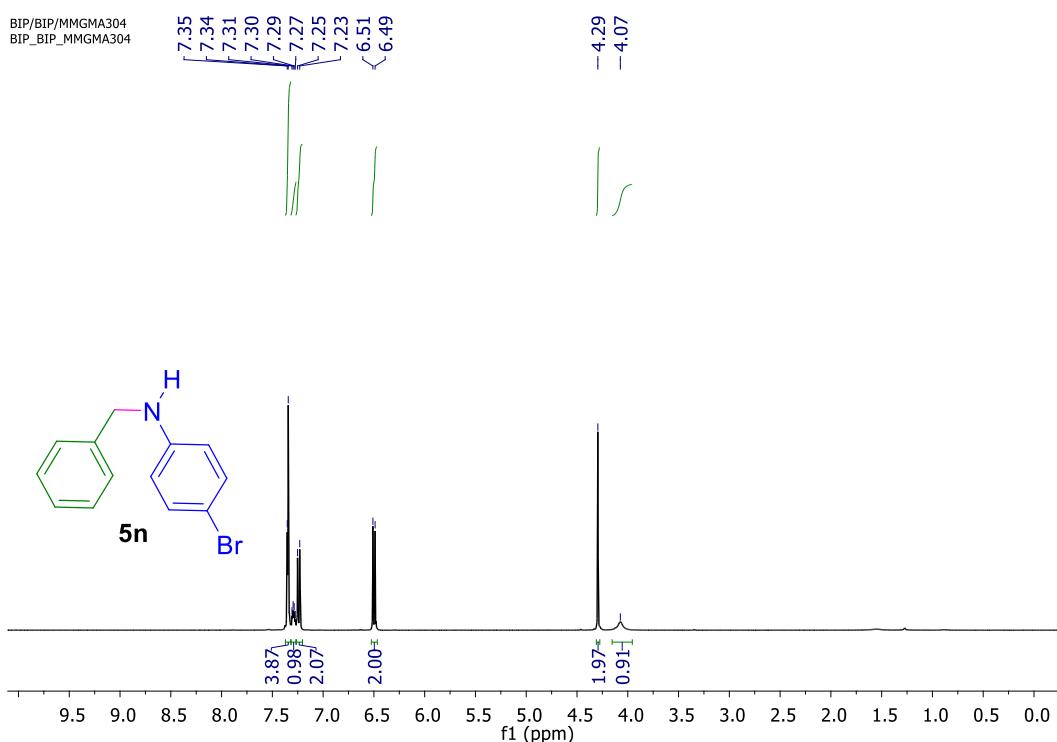
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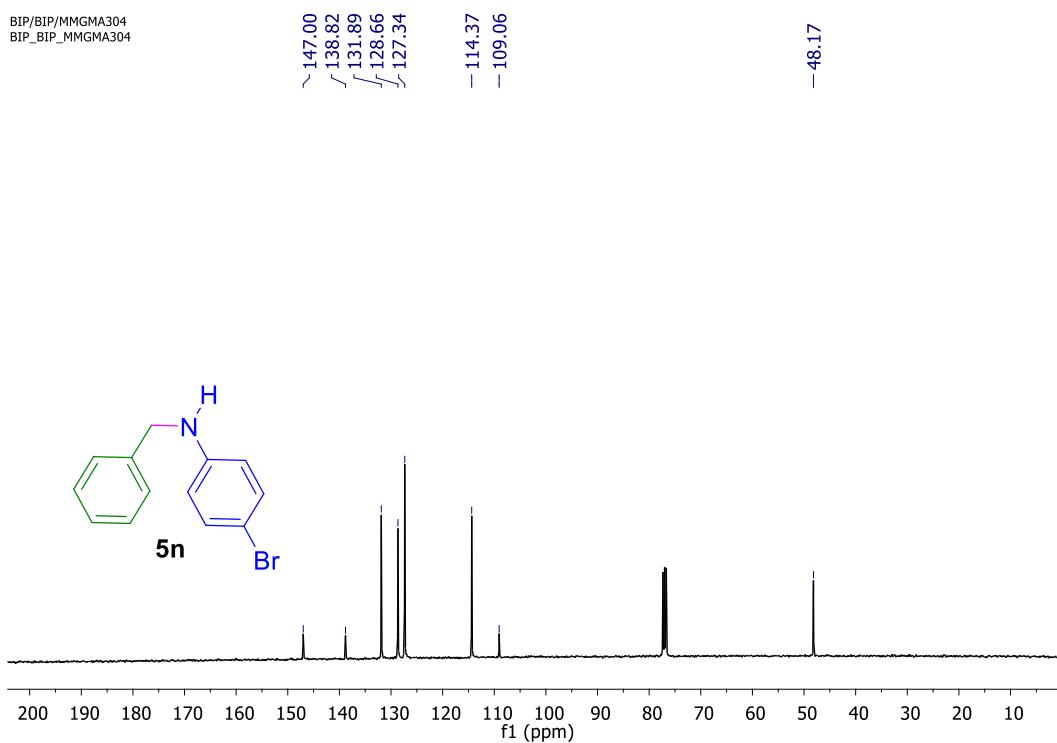
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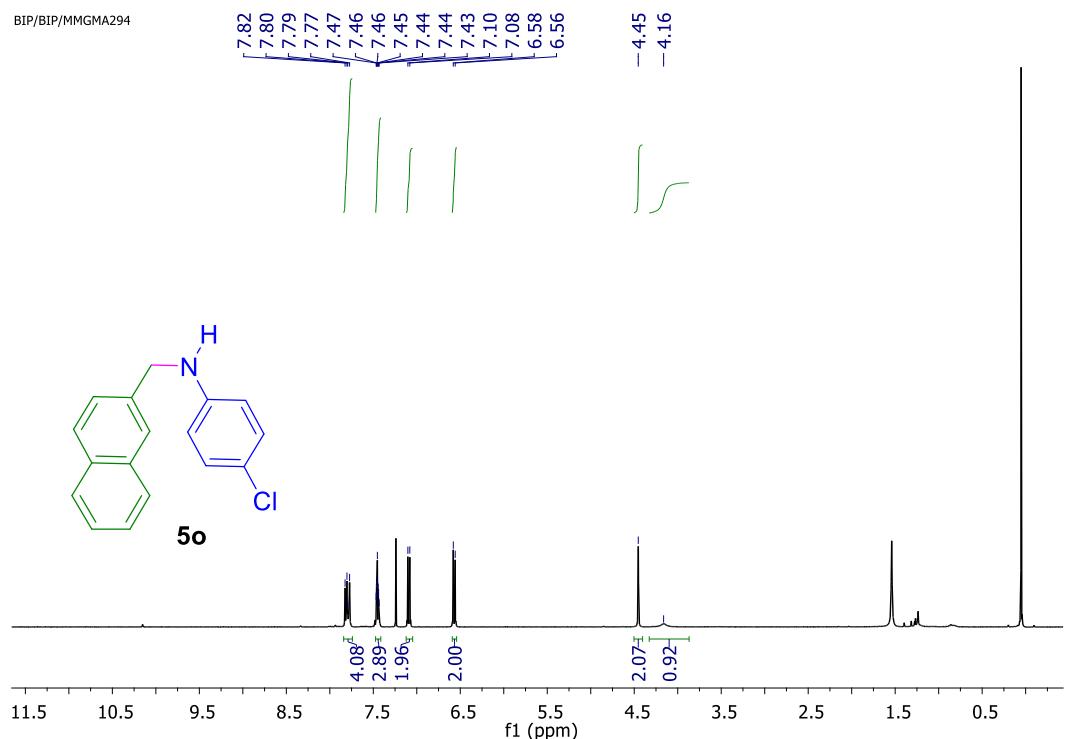
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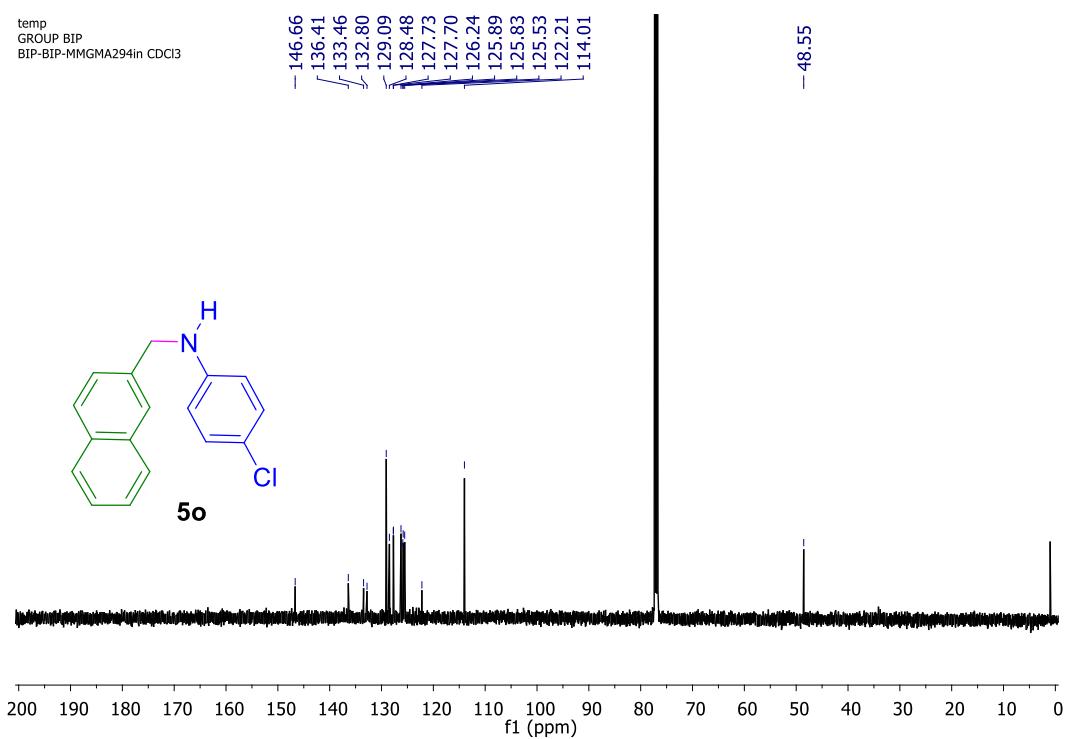
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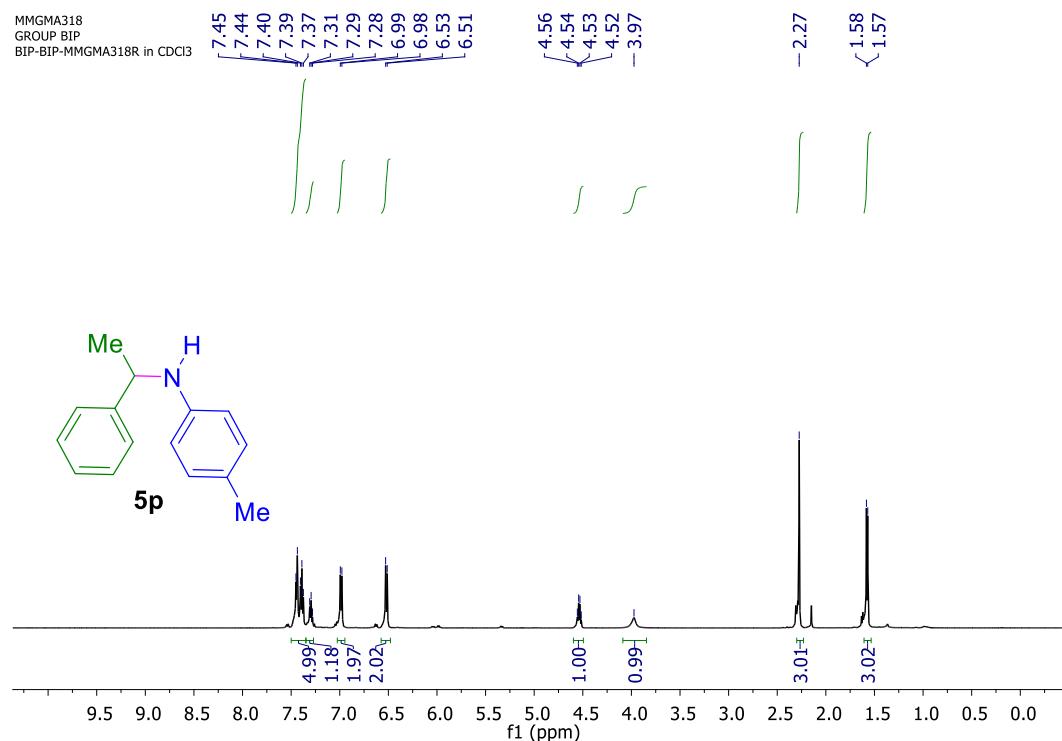
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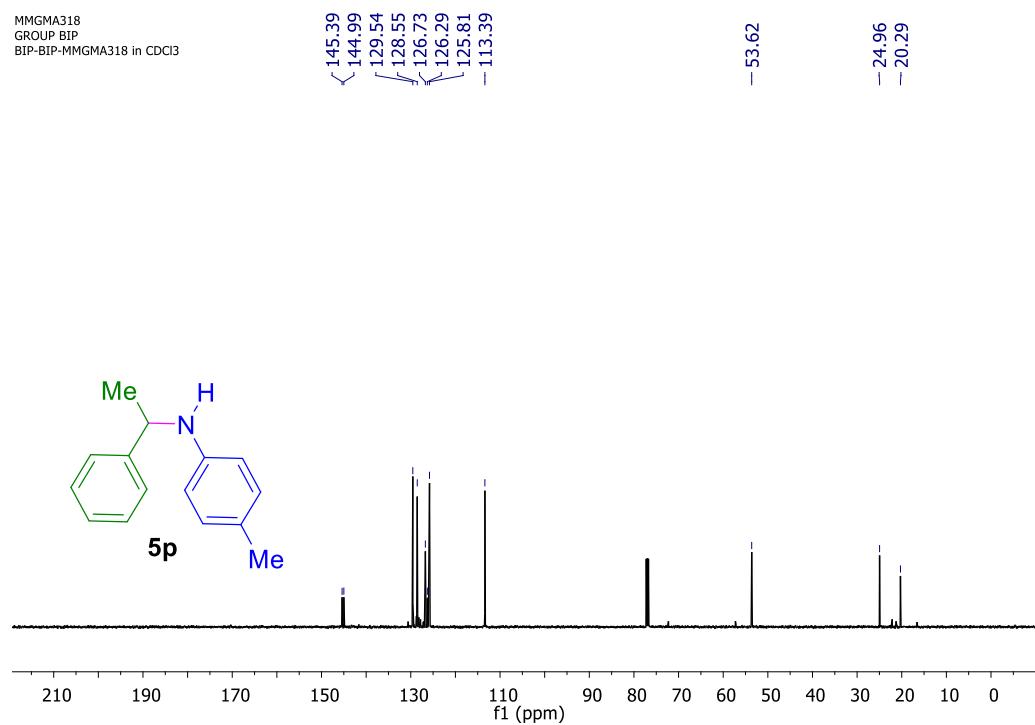
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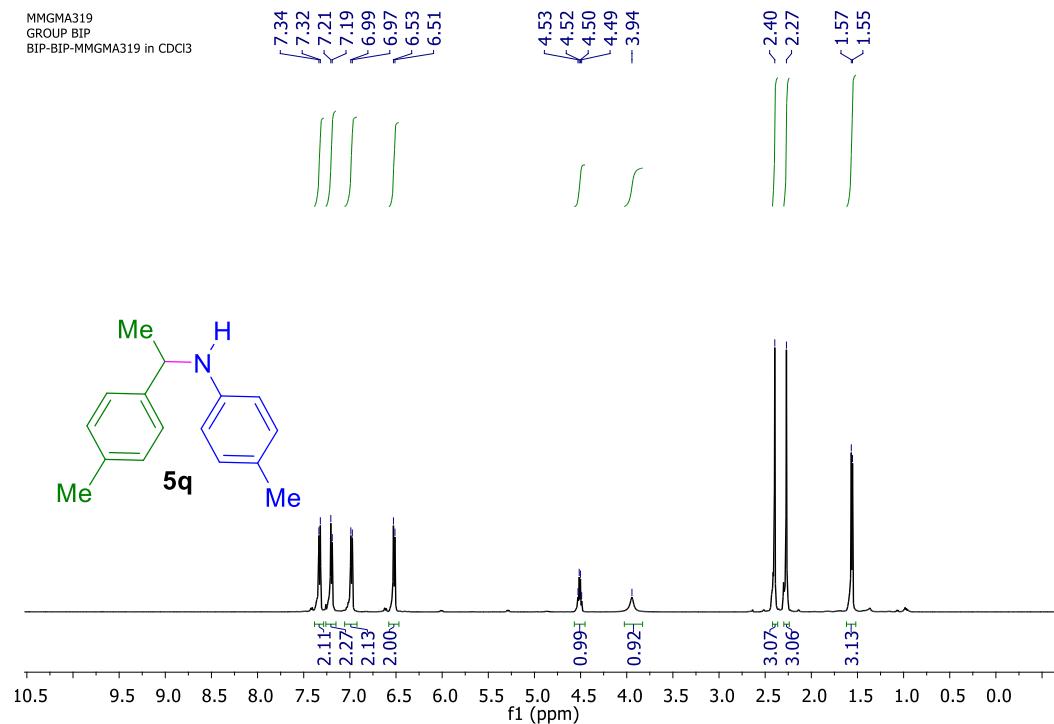
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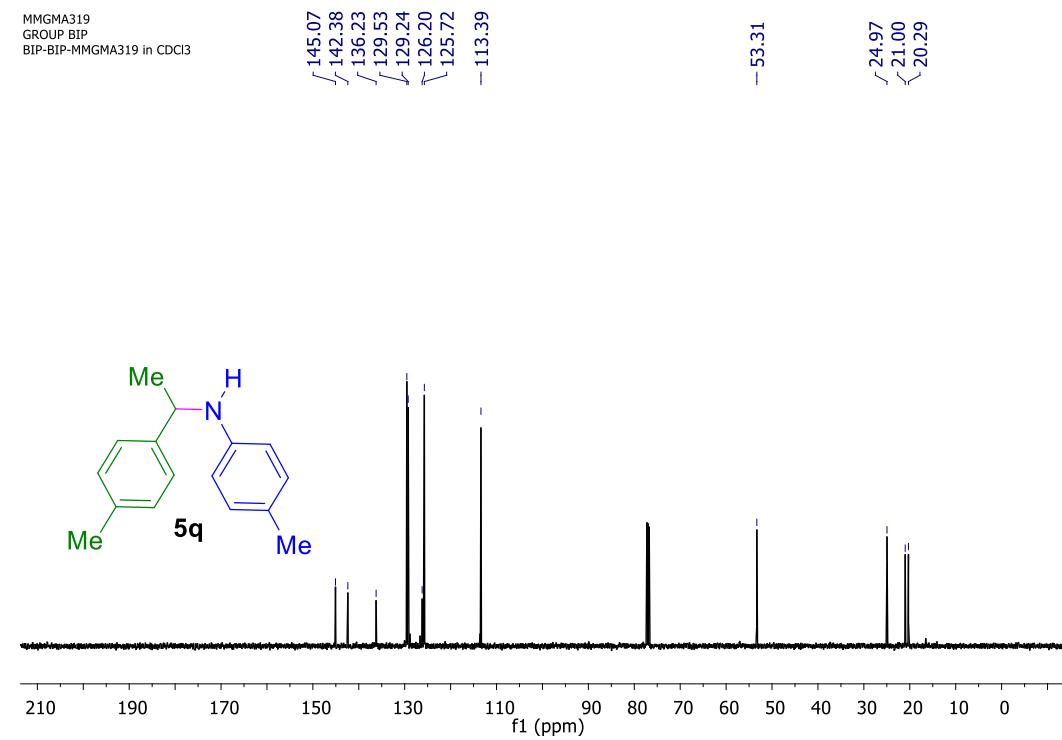
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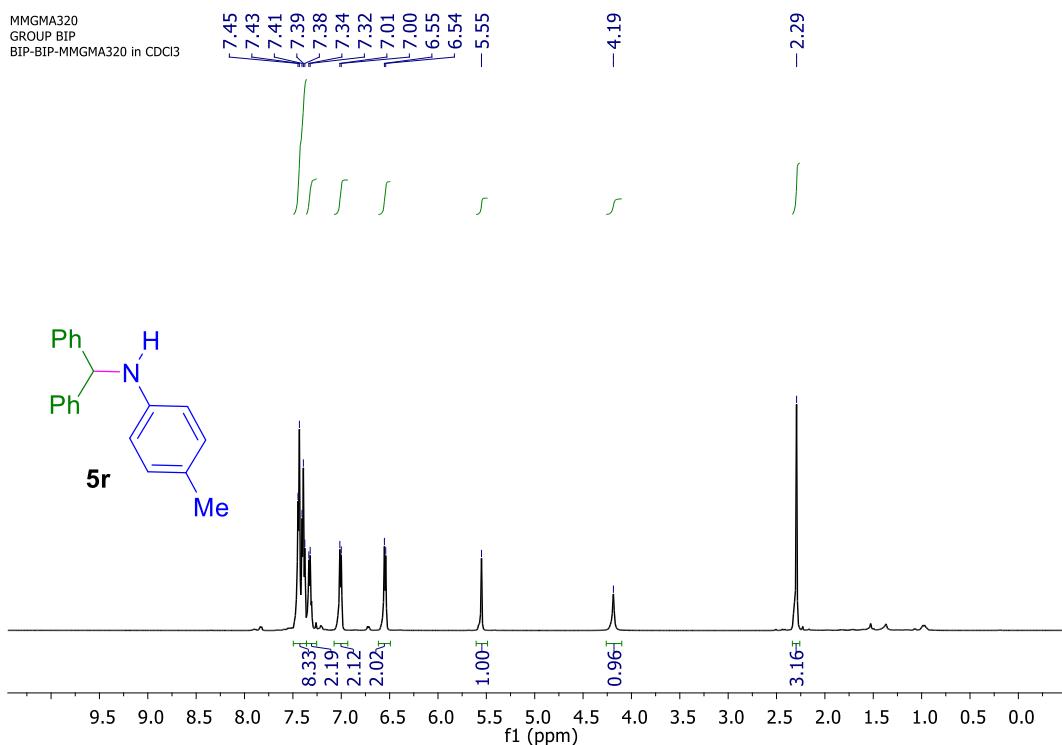
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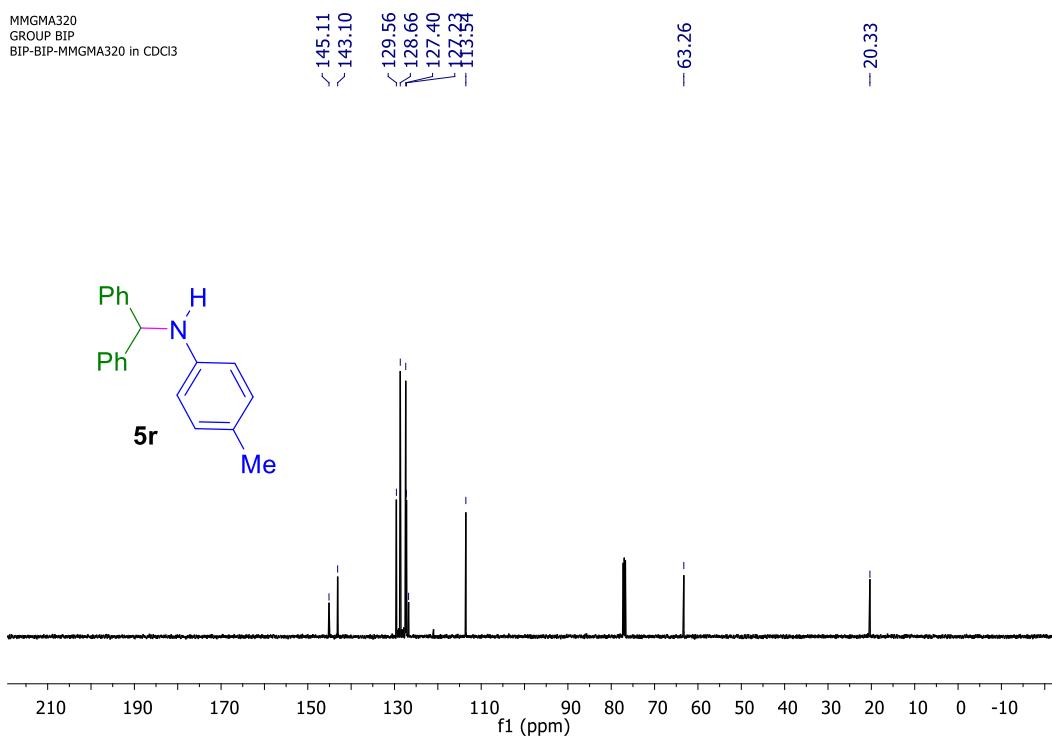
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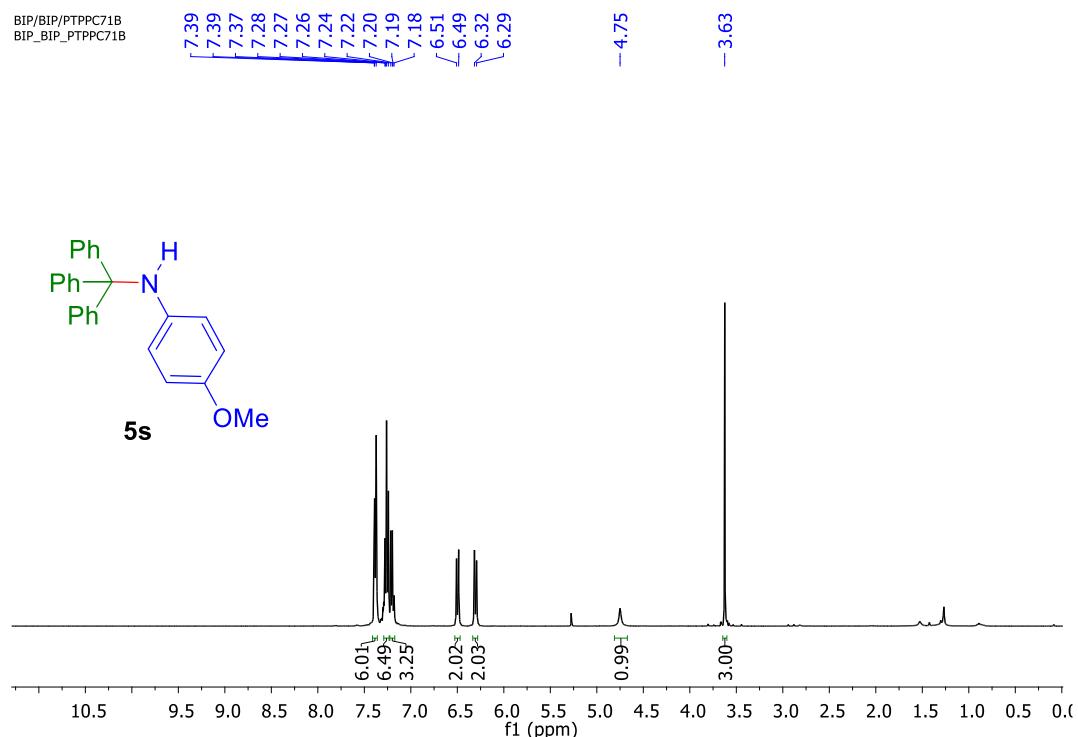
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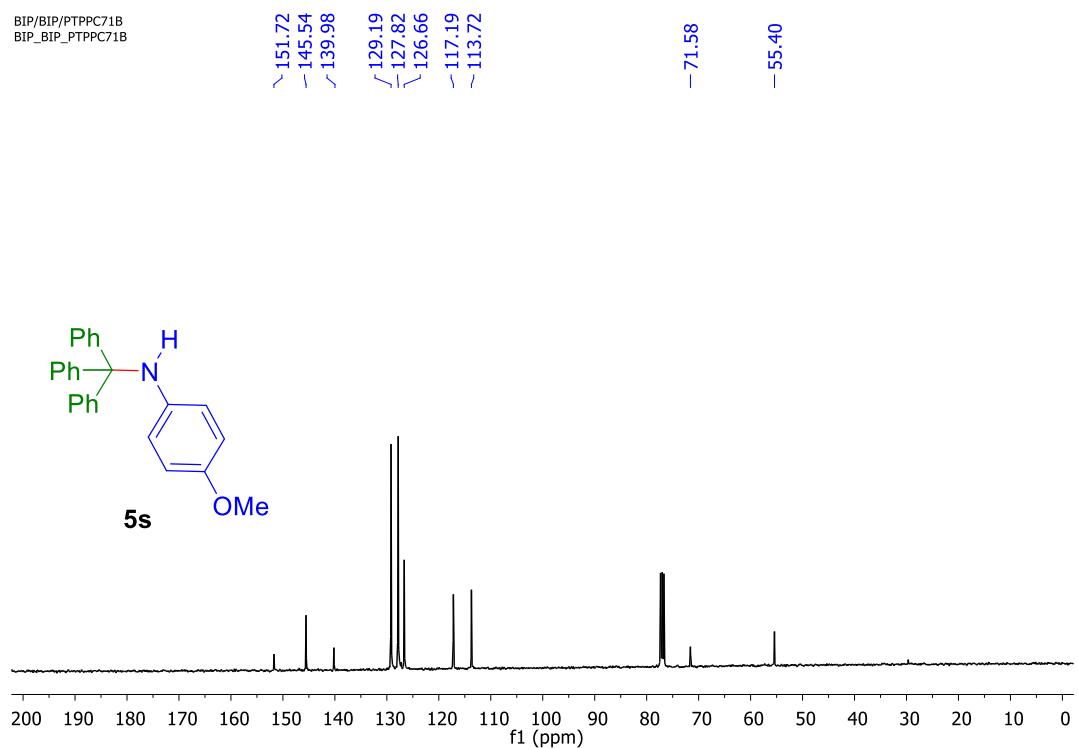
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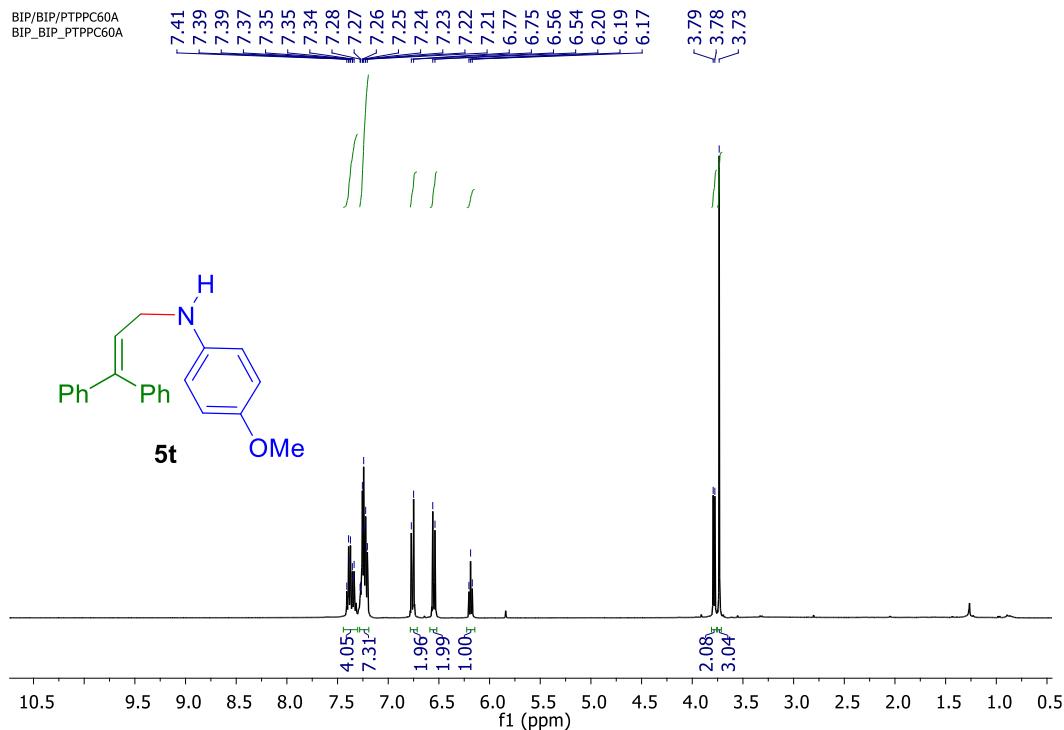
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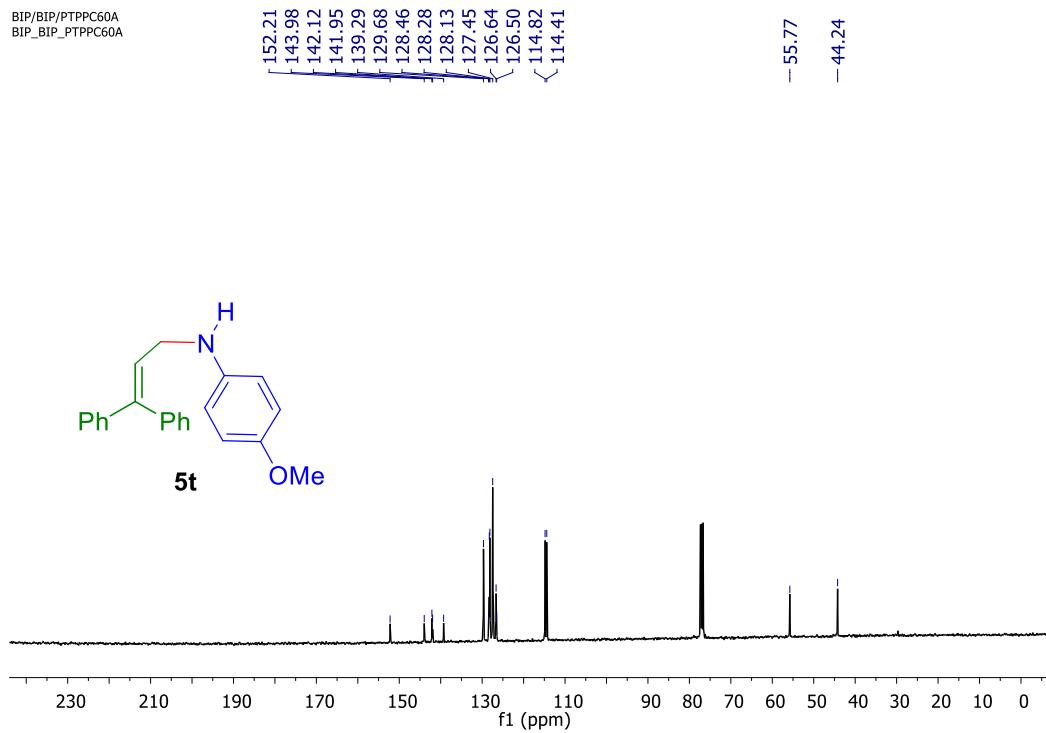
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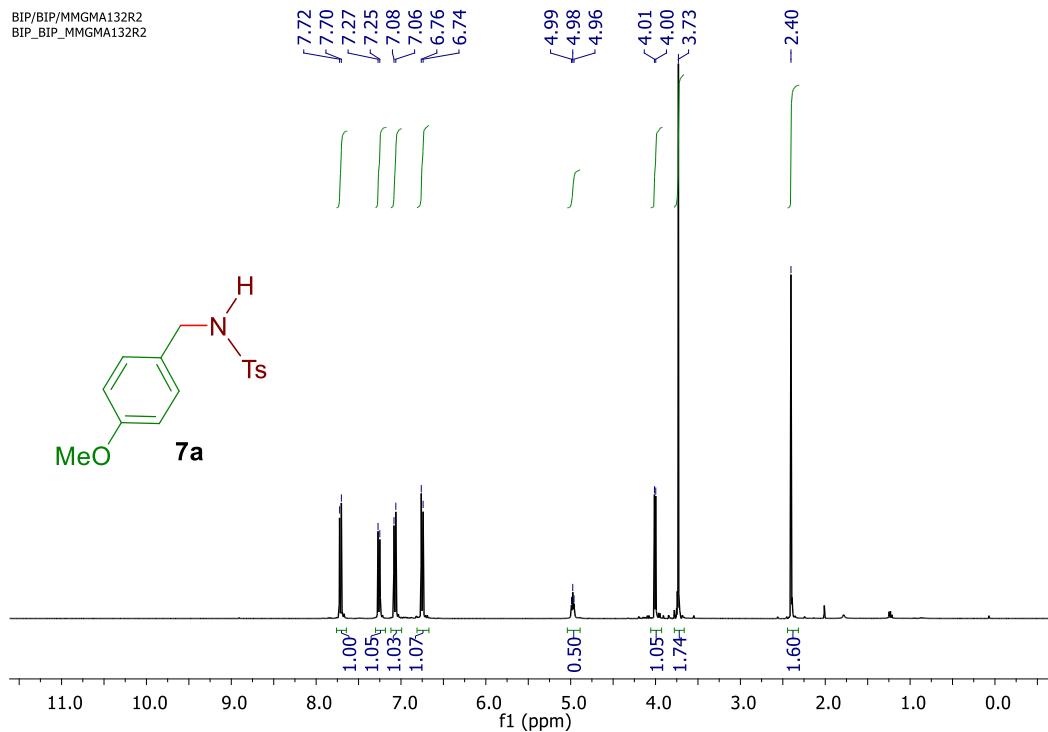
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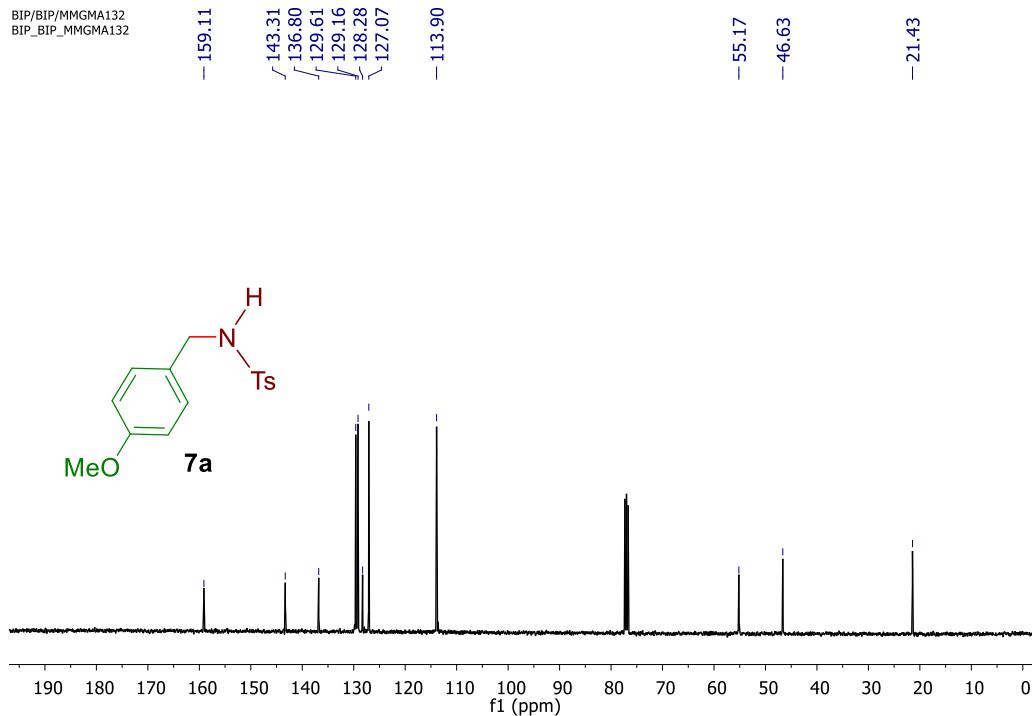
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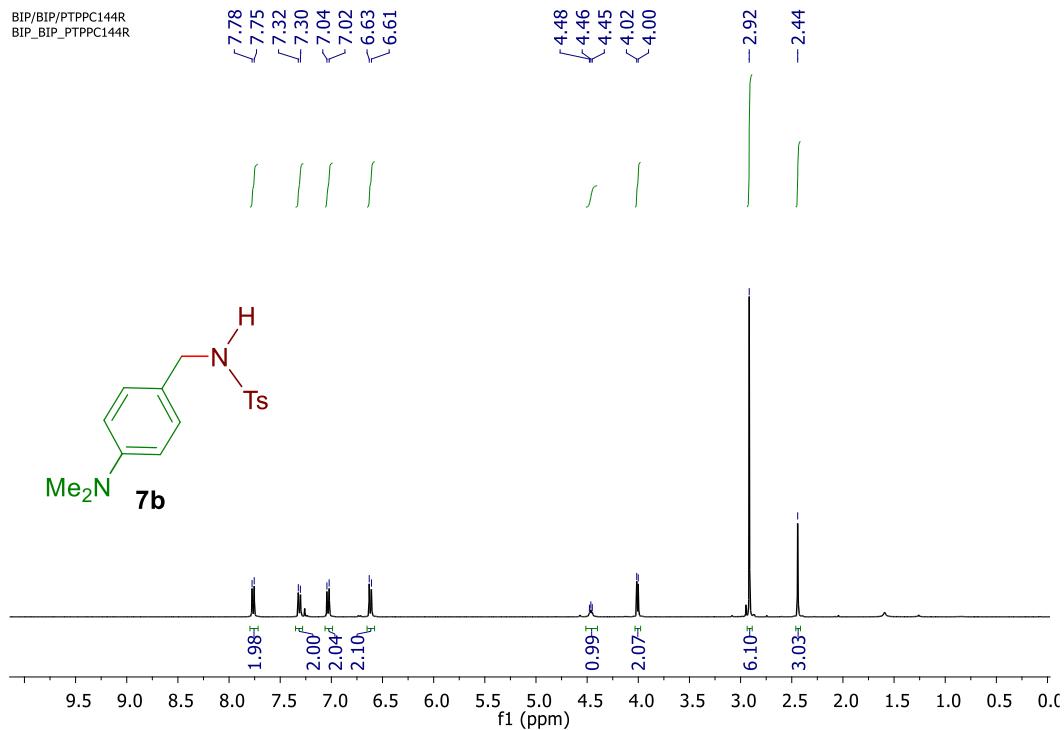
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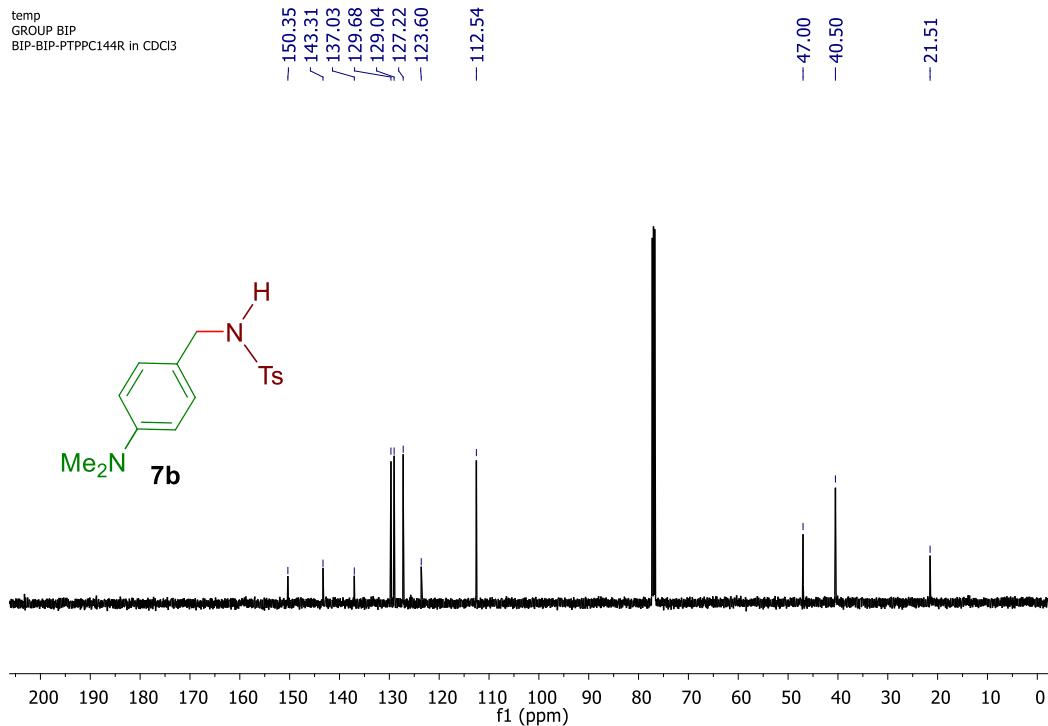
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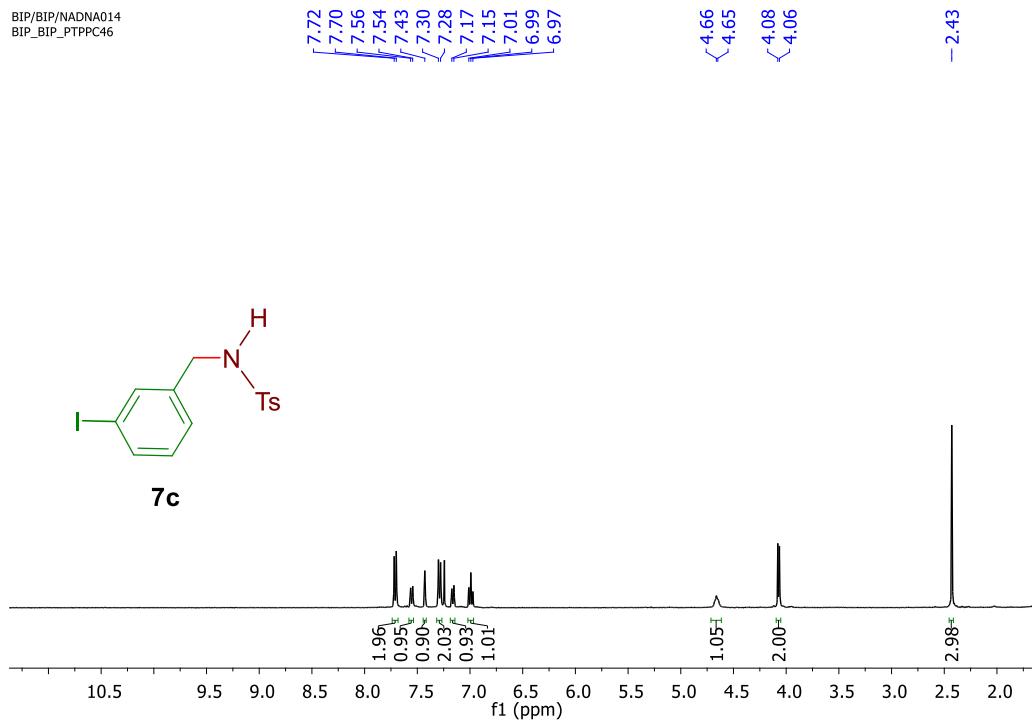
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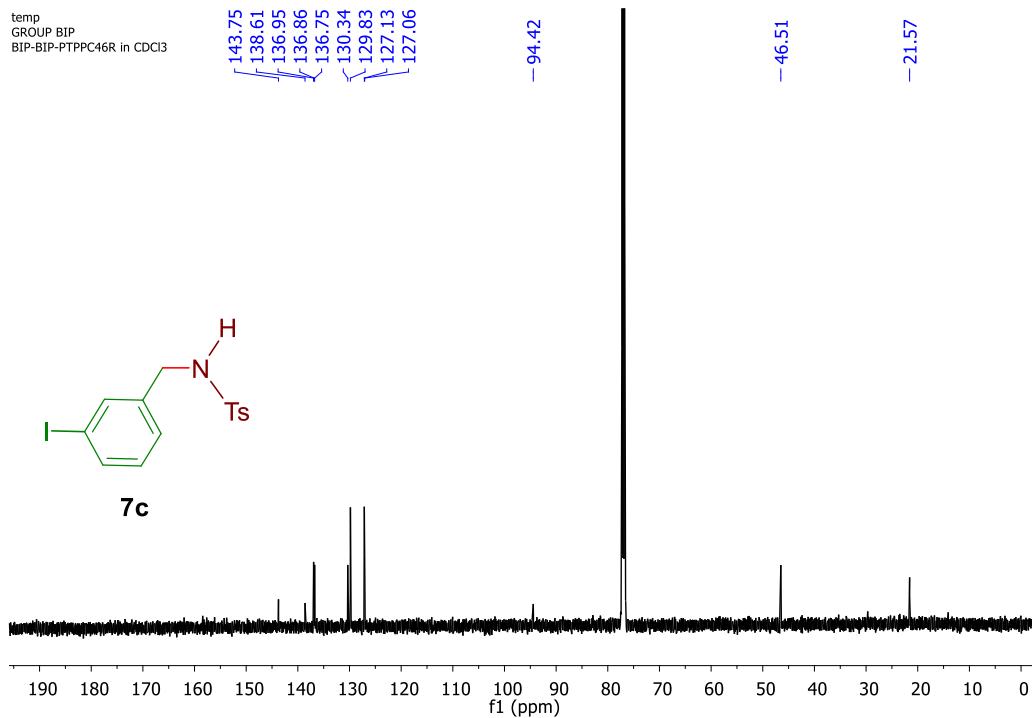
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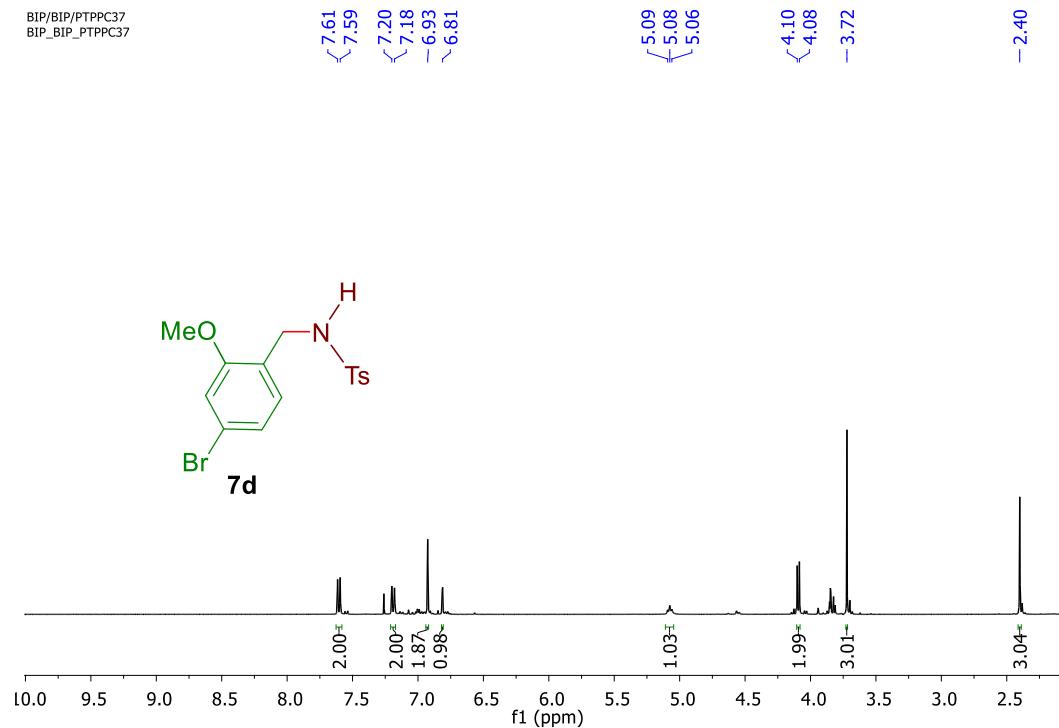
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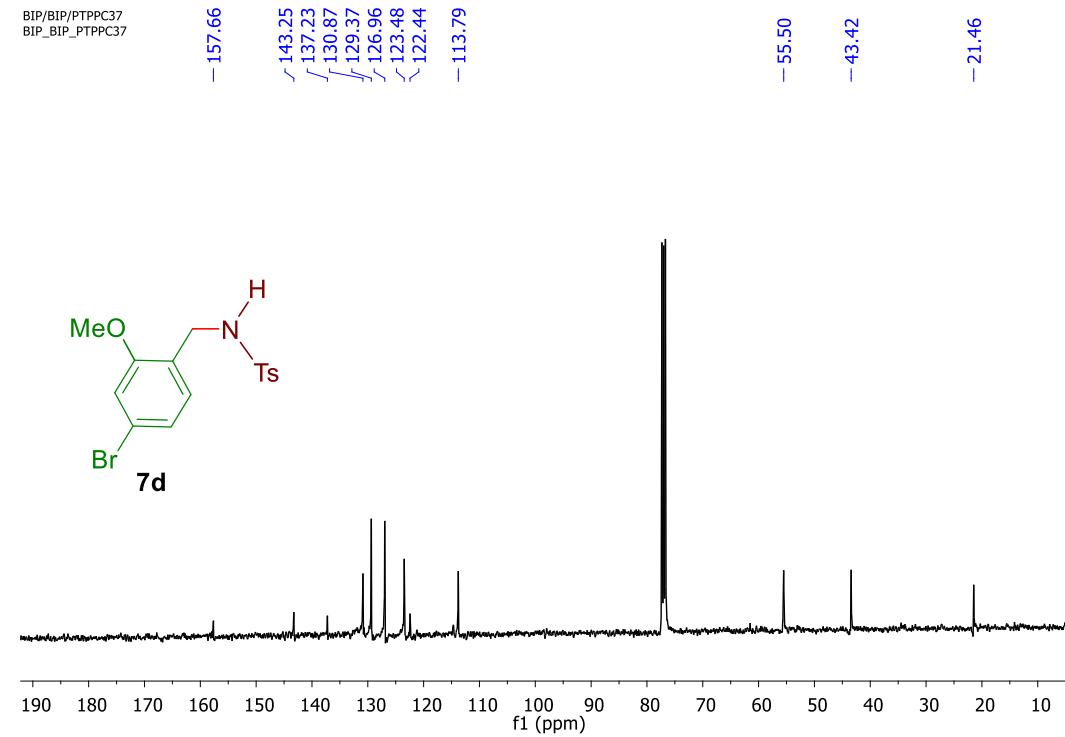
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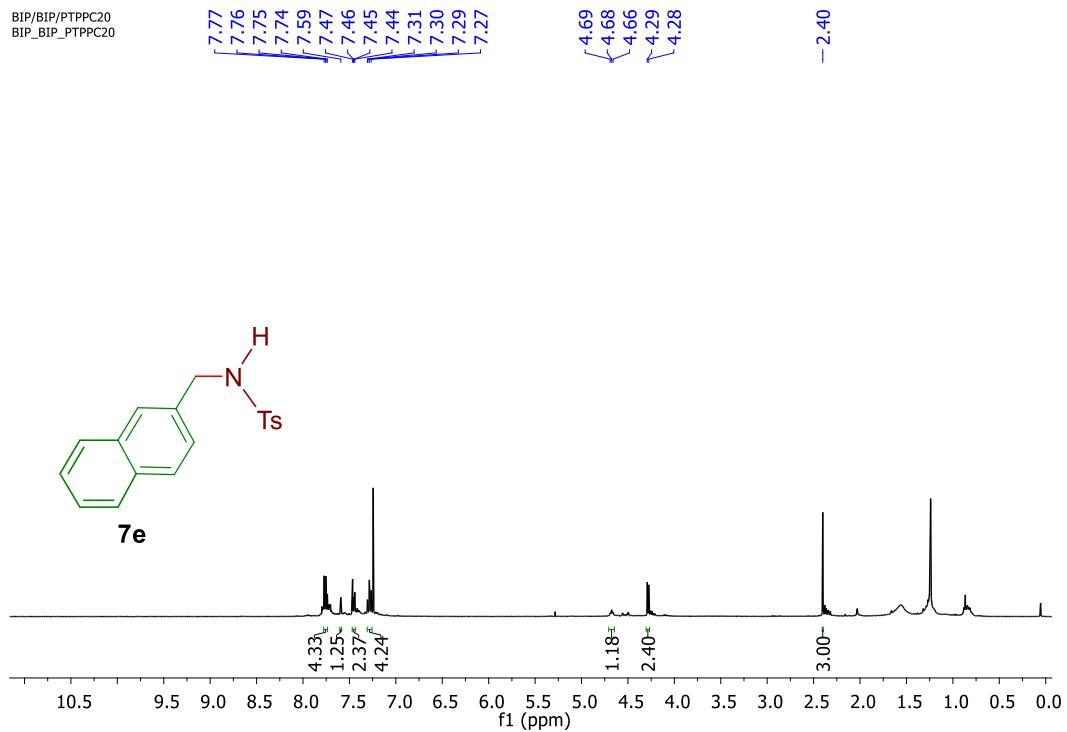
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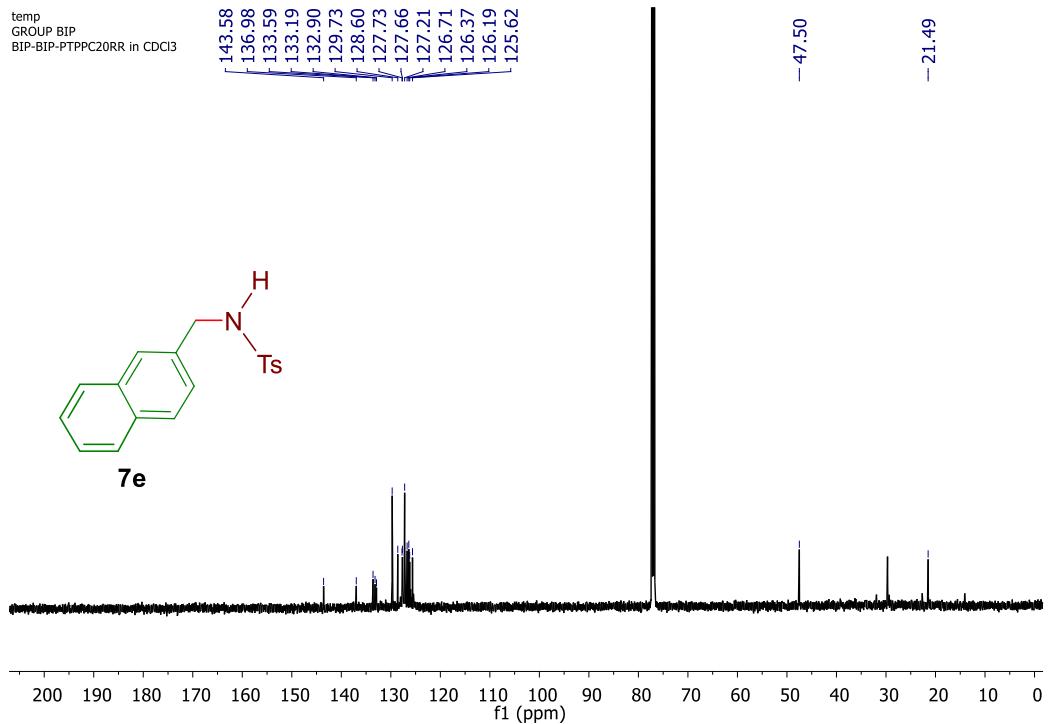
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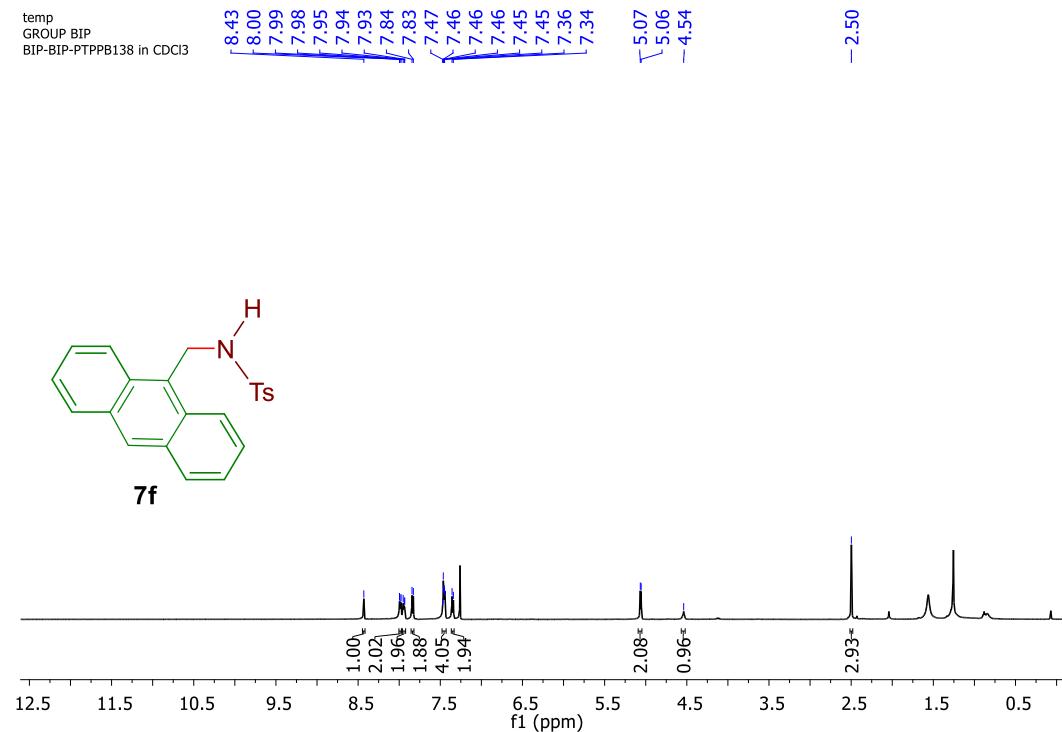
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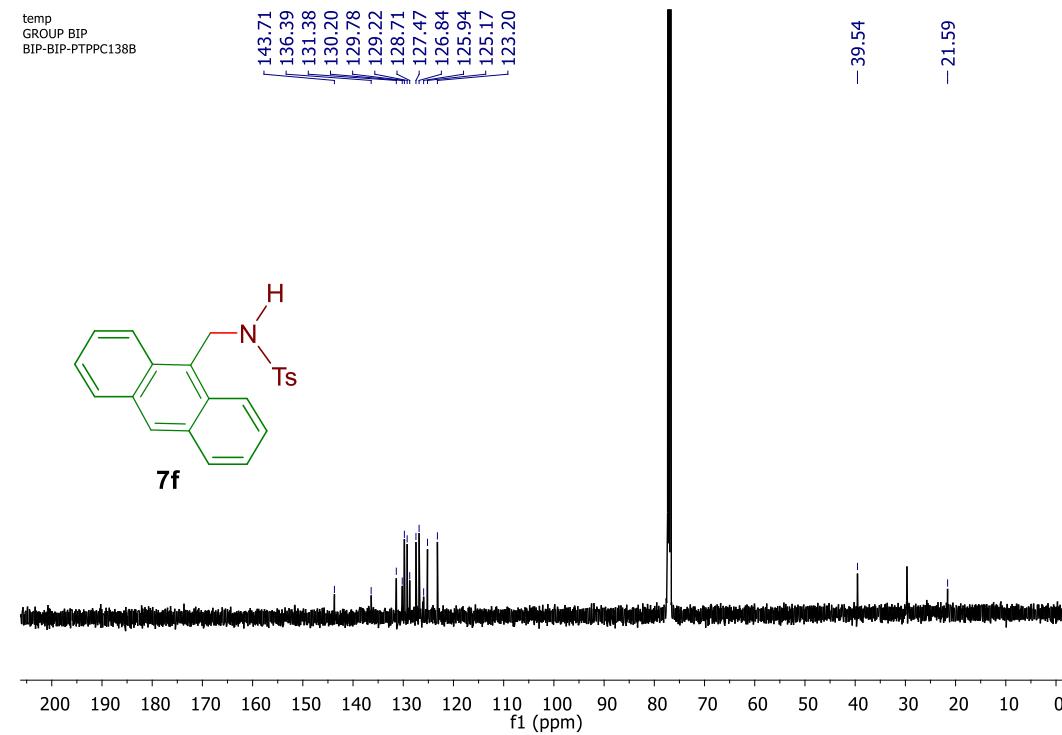
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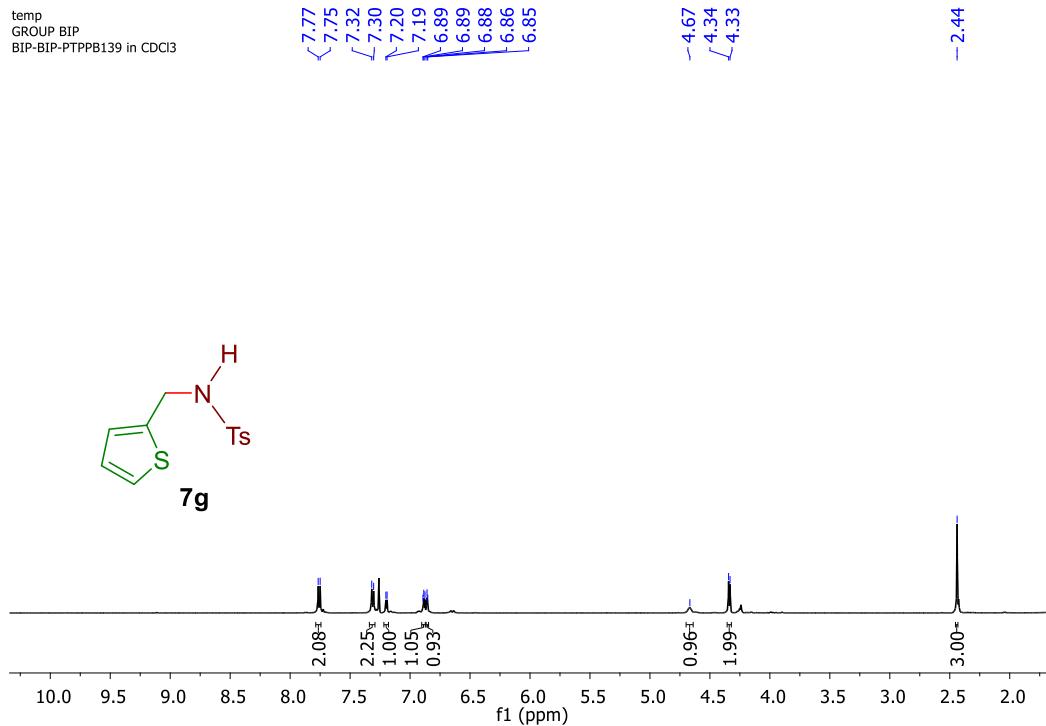
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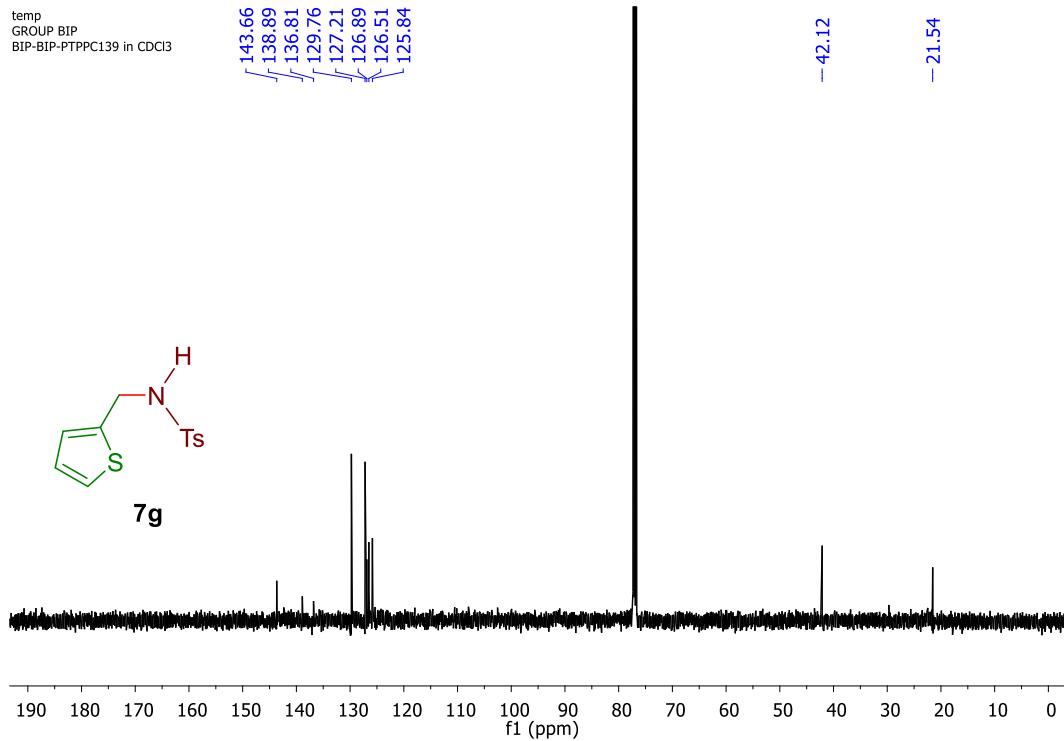
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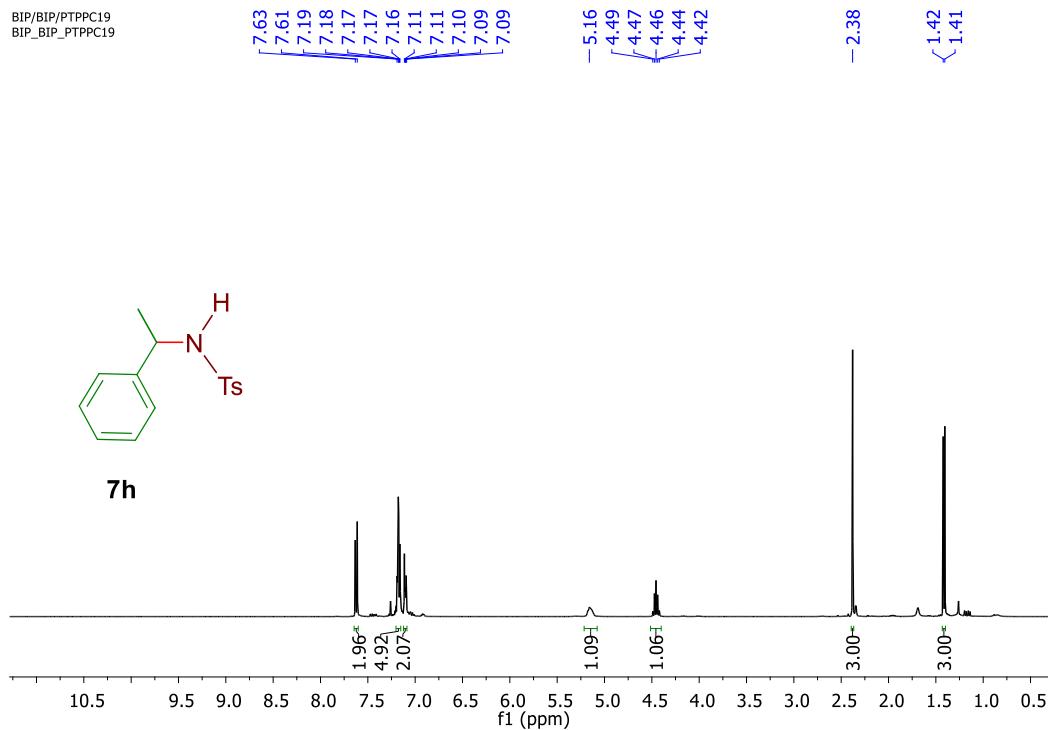
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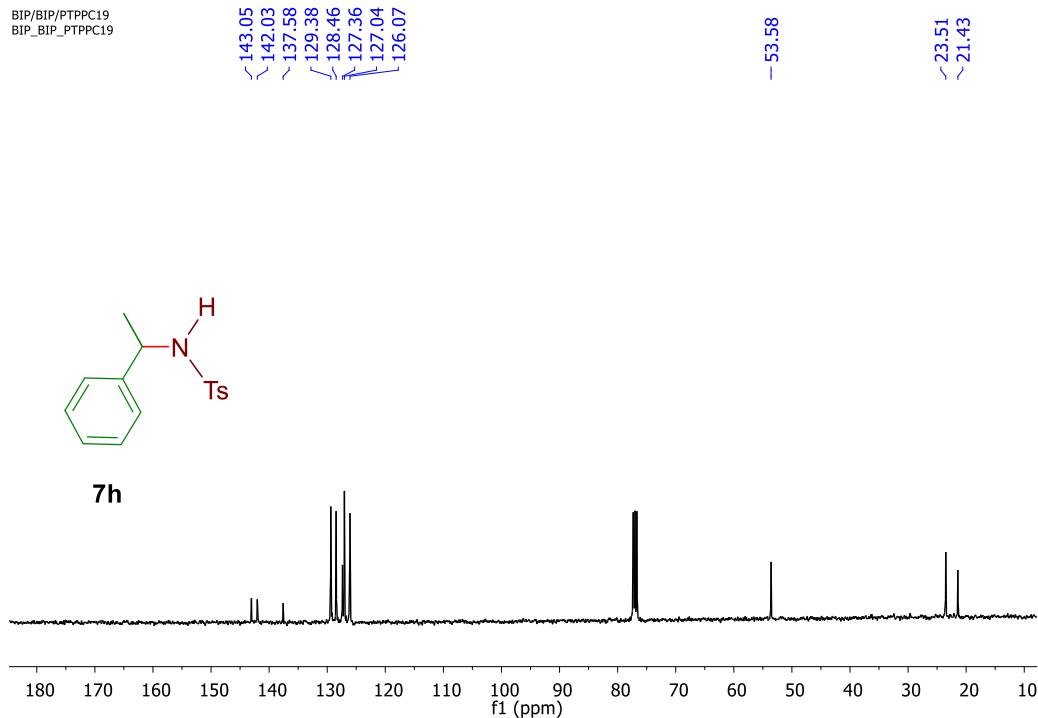
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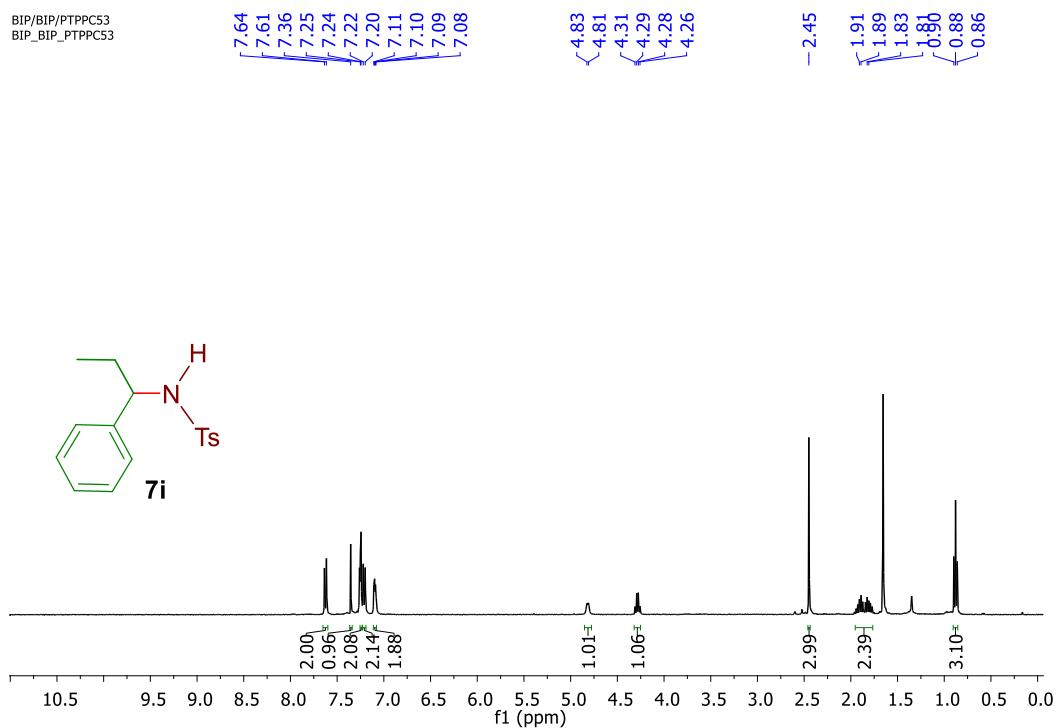


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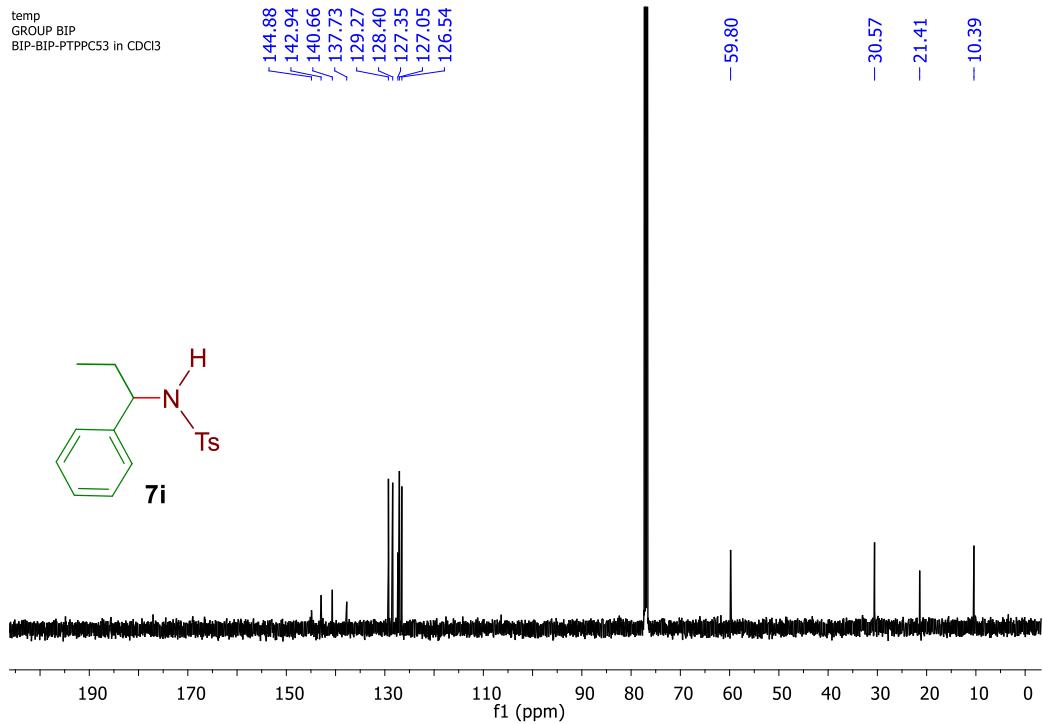
¹H NMR of 7i in CDCl₃

BIP/BIP/PTPPC53
BIP_BIP_PTPPC53

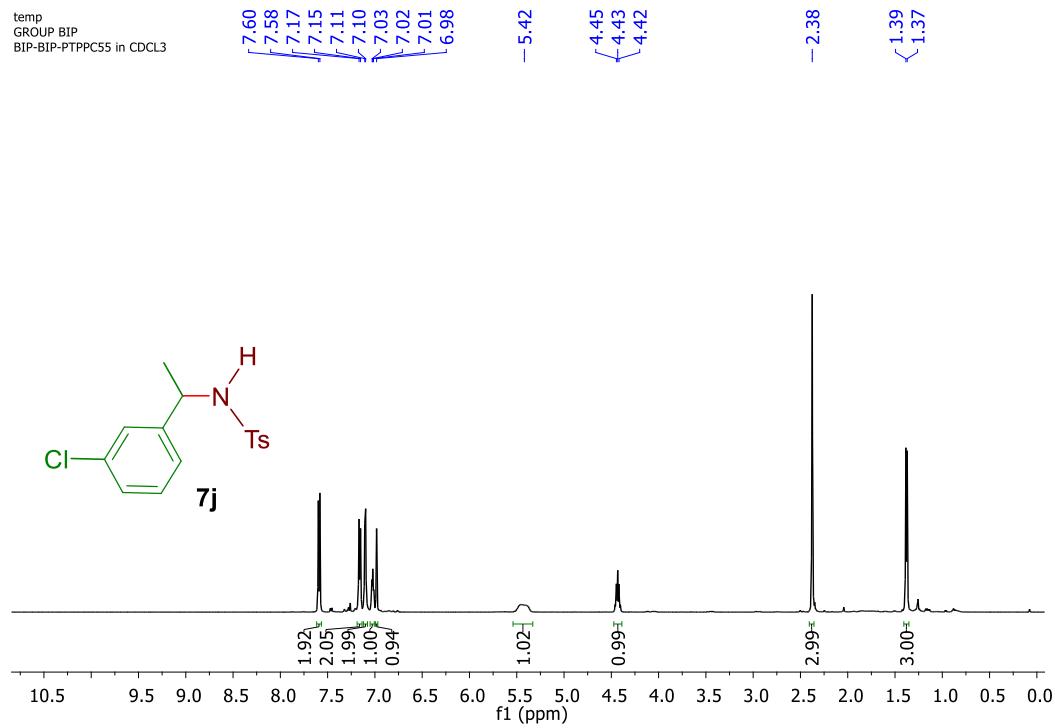


¹³C NMR of 7i in CDCl₃

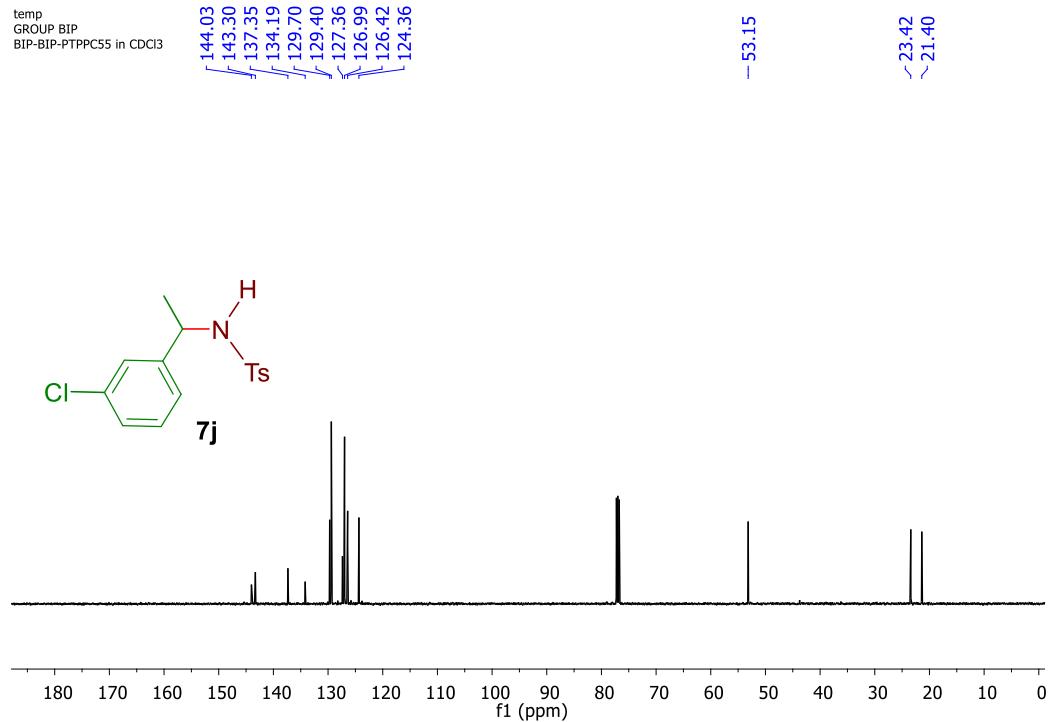
temp
GROUP BIP
BIP-BIP-PTPPC53 in CDCl₃



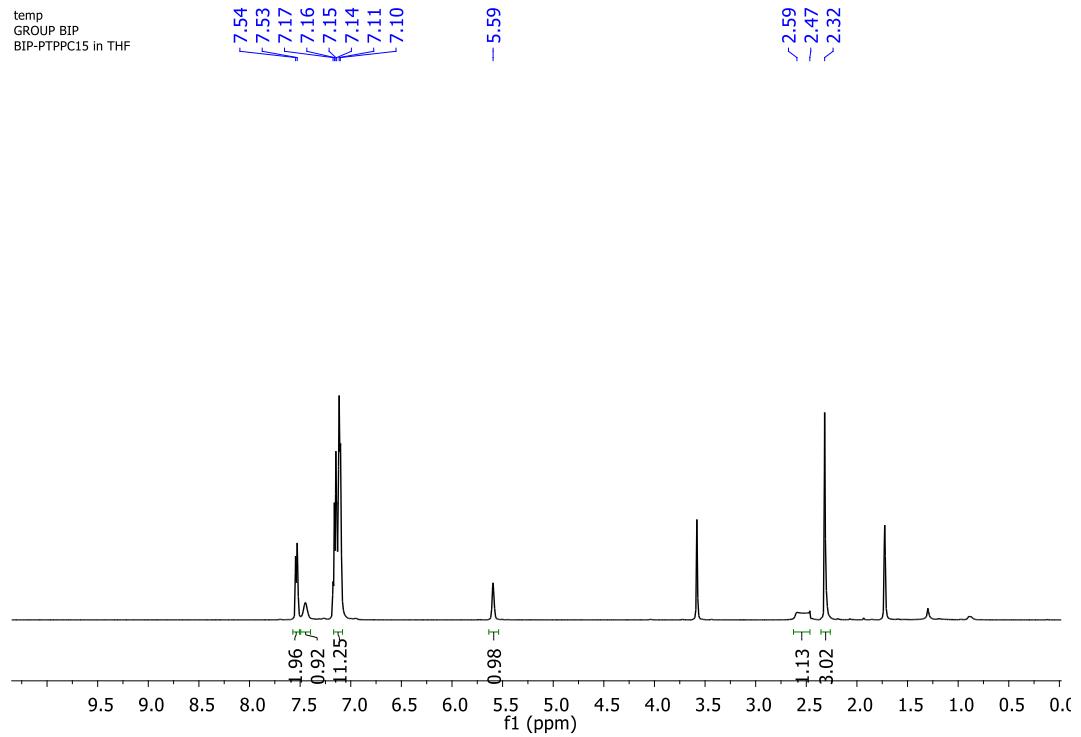
¹H NMR of 7j in CDCl₃



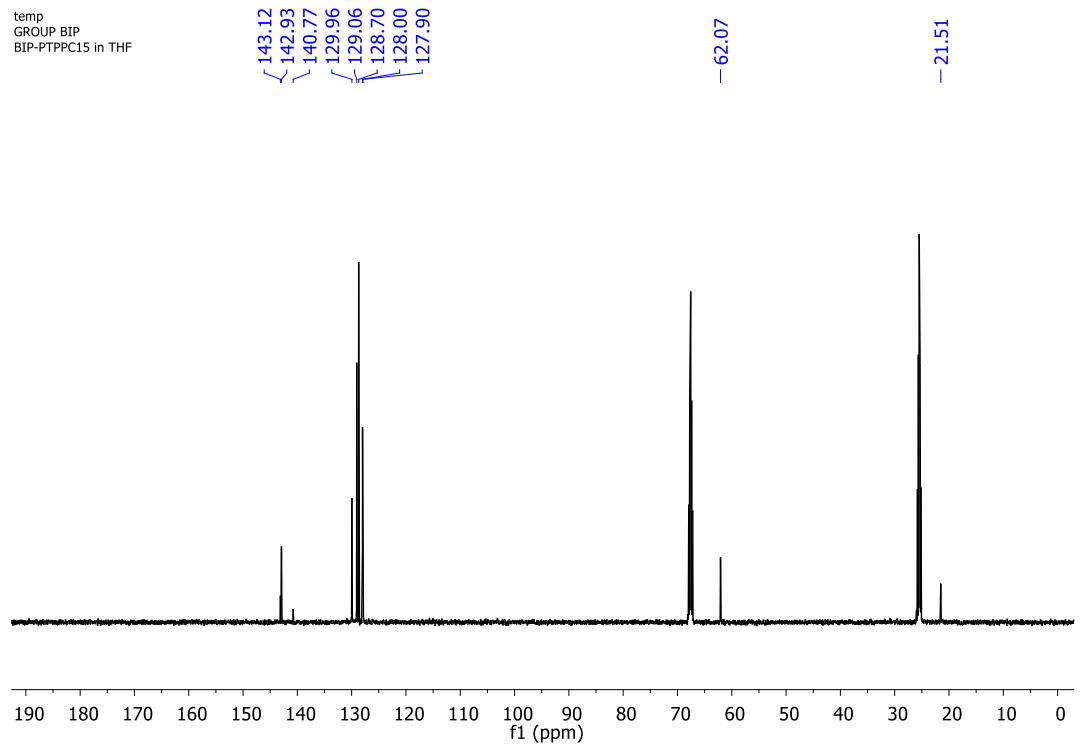
¹³C NMR of 7j in CDCl₃



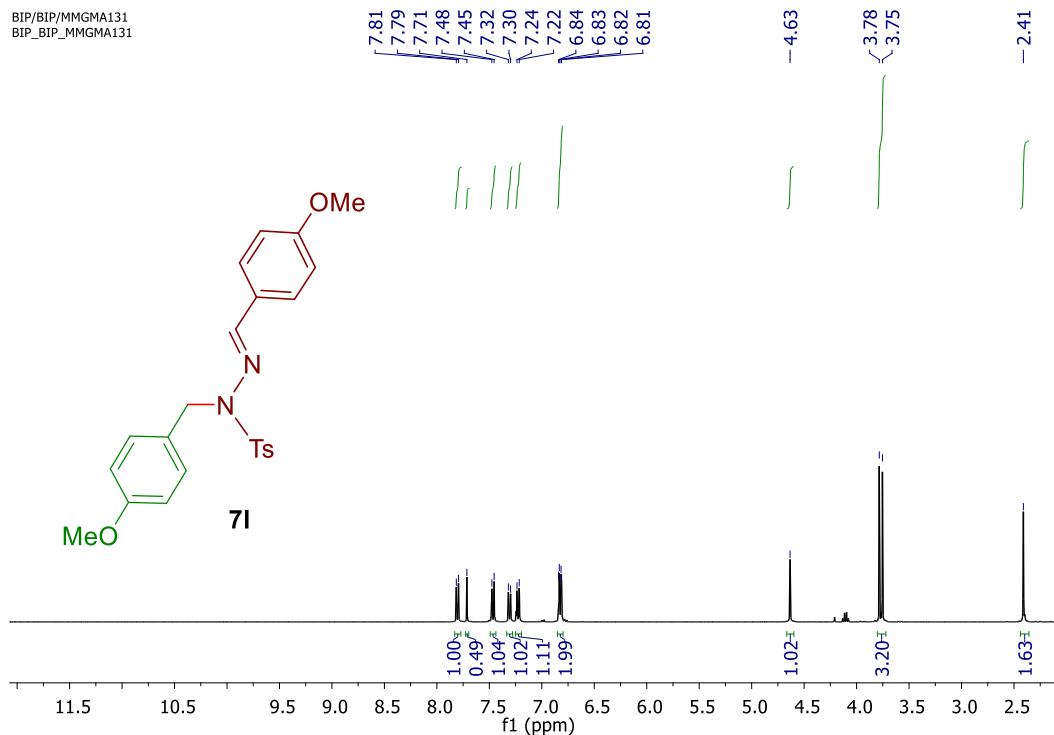
¹H NMR of 7k in THF-d₈



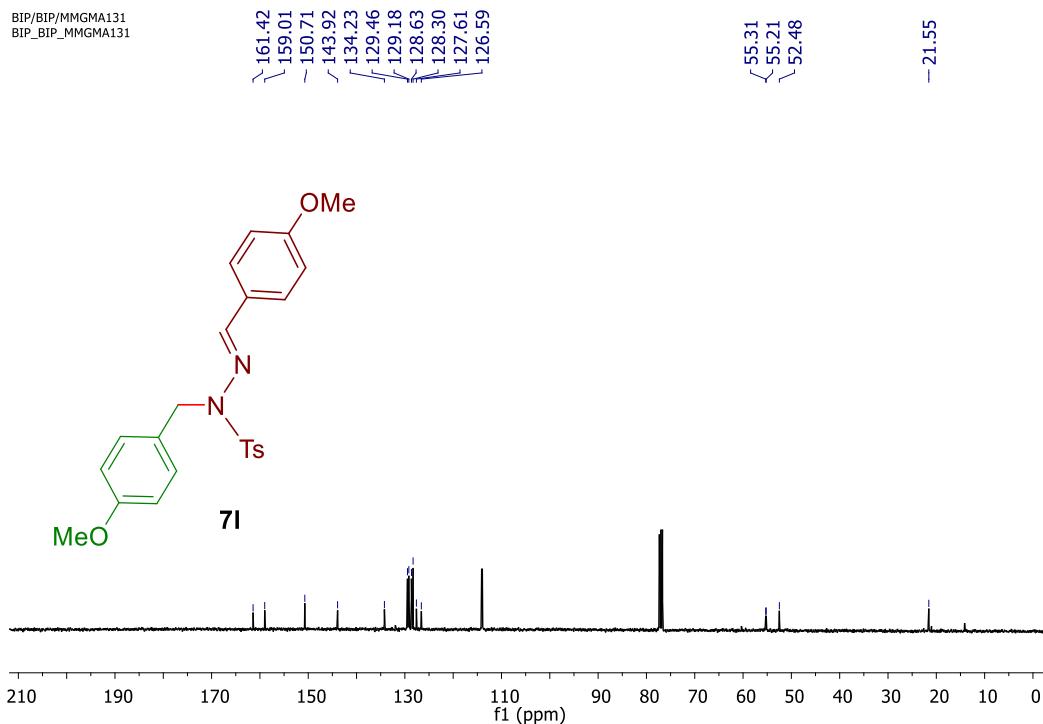
¹³C NMR of 7k in THF-d₈



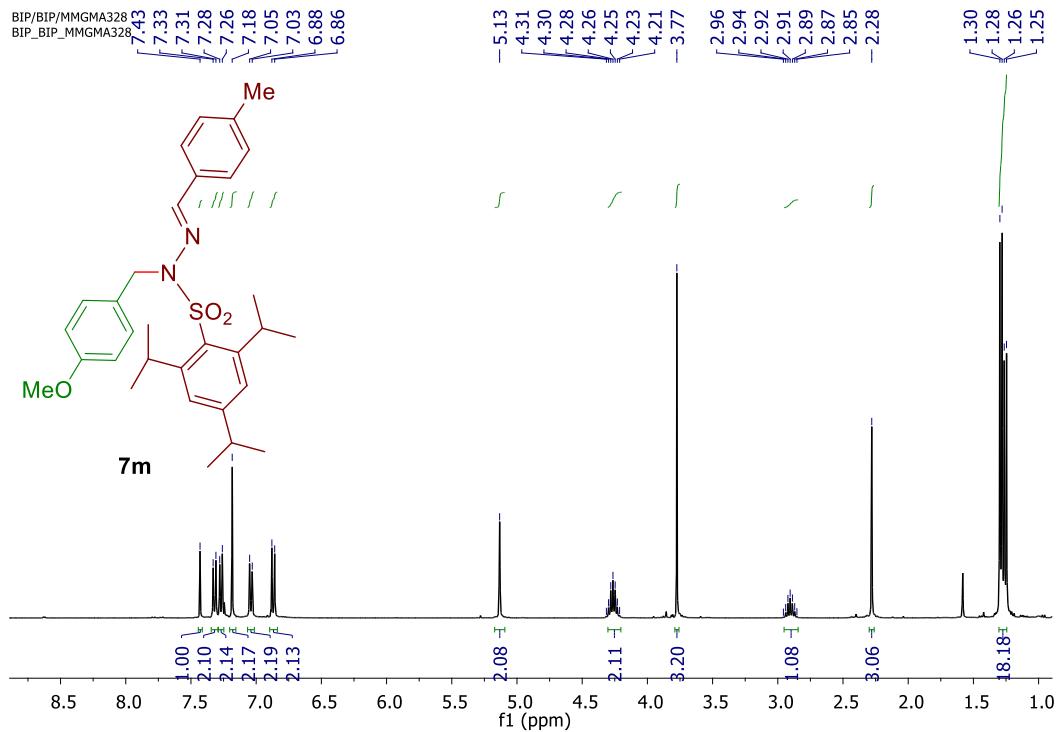
¹H NMR of 7l in CDCl₃



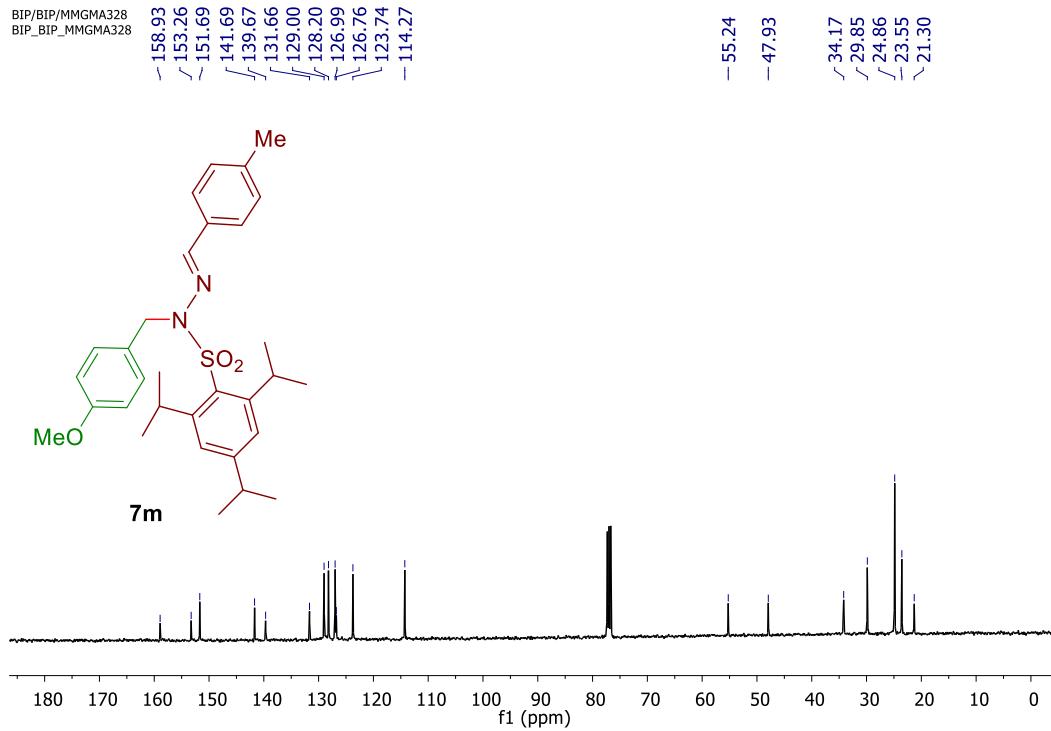
¹³C NMR of 7l in CDCl₃



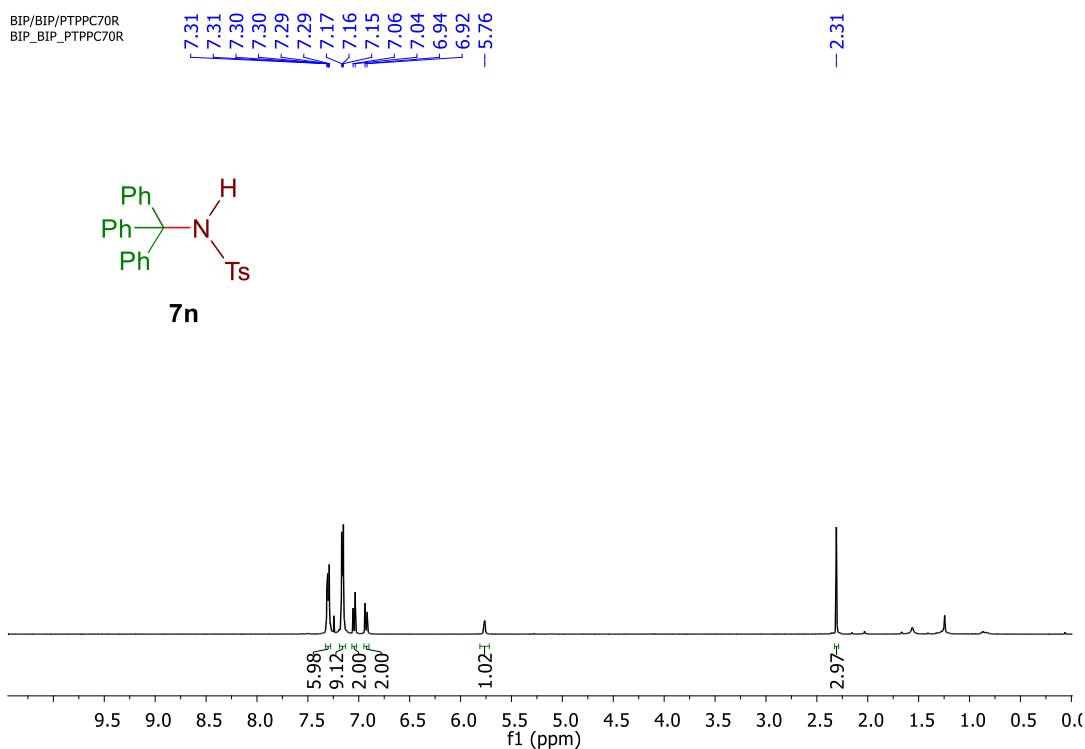
¹H NMR of 7m in CDCl₃



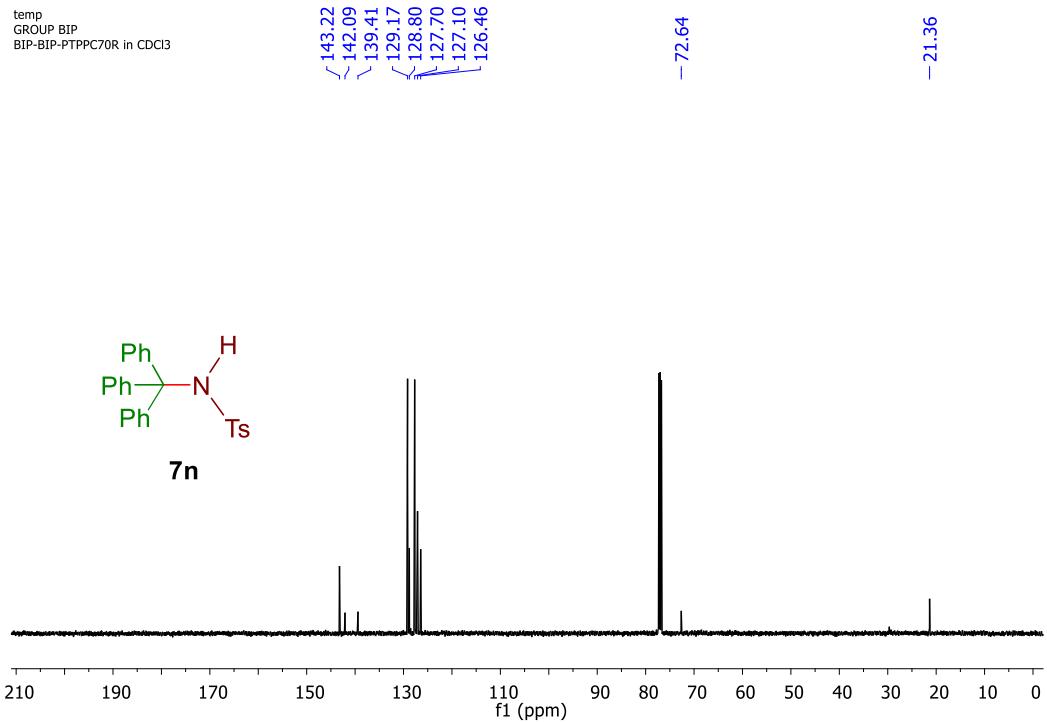
¹³C NMR of 7m in CDCl₃



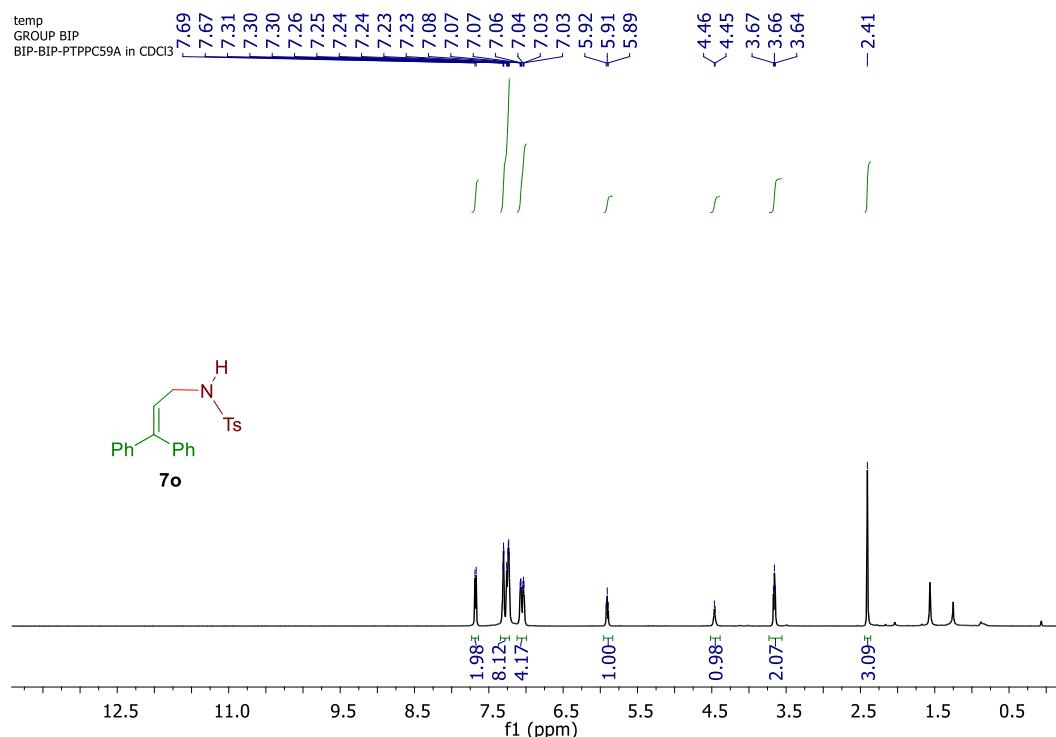
¹H NMR of 7n in CDCl₃



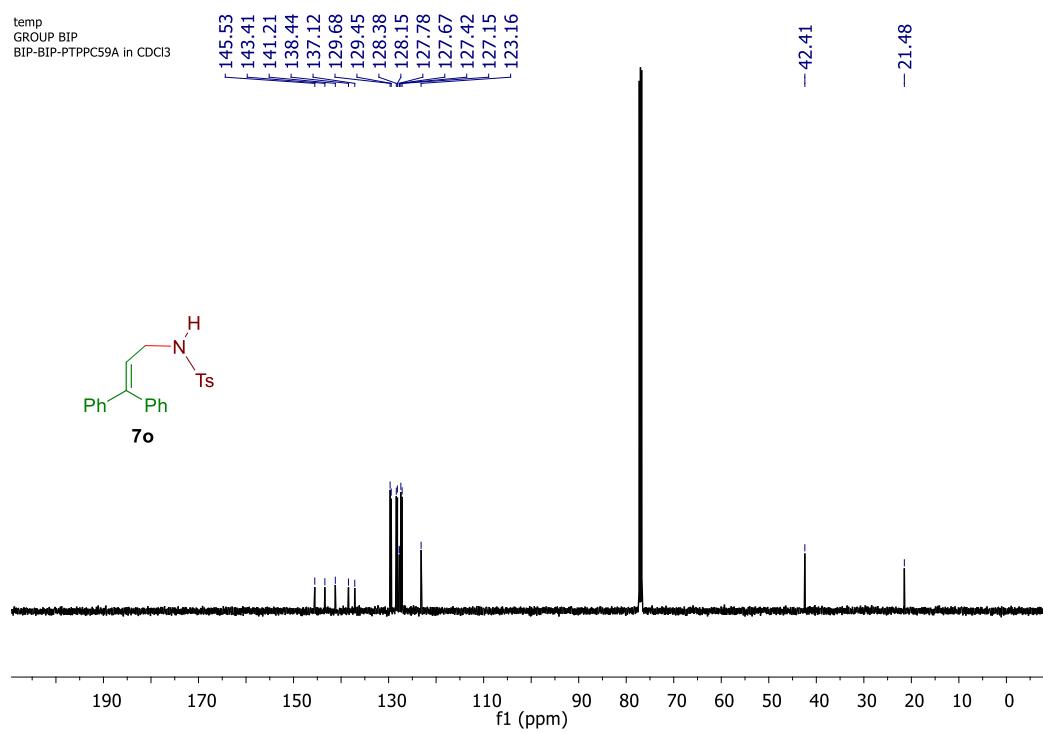
¹³C NMR of 7n in CDCl₃



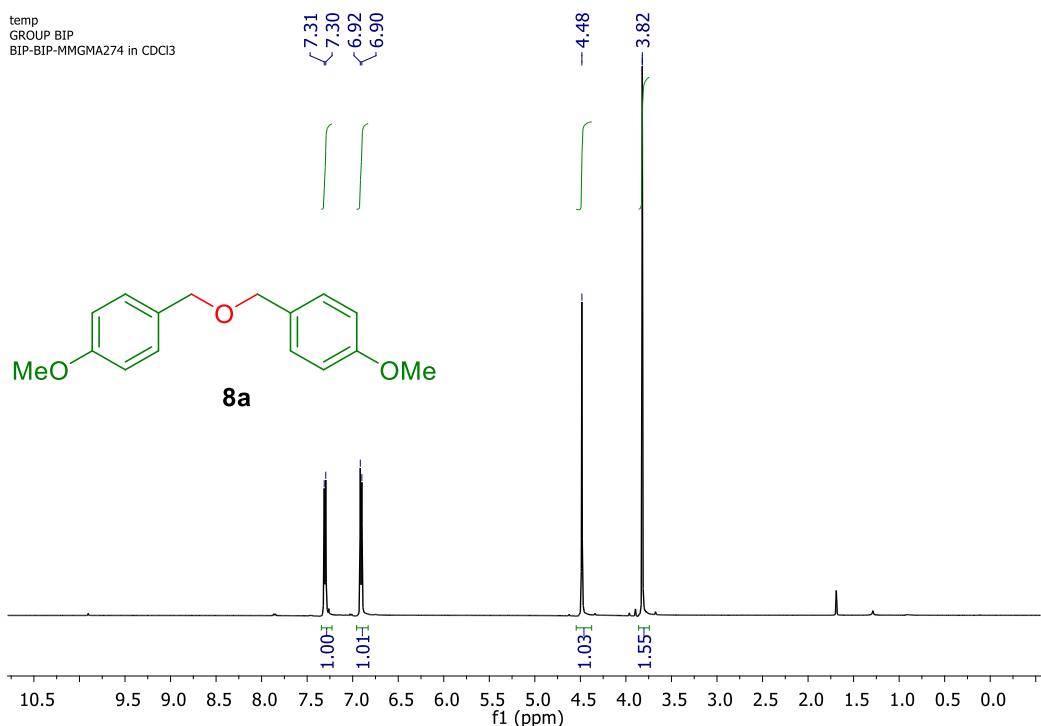
¹H NMR of 7o in CDCl₃



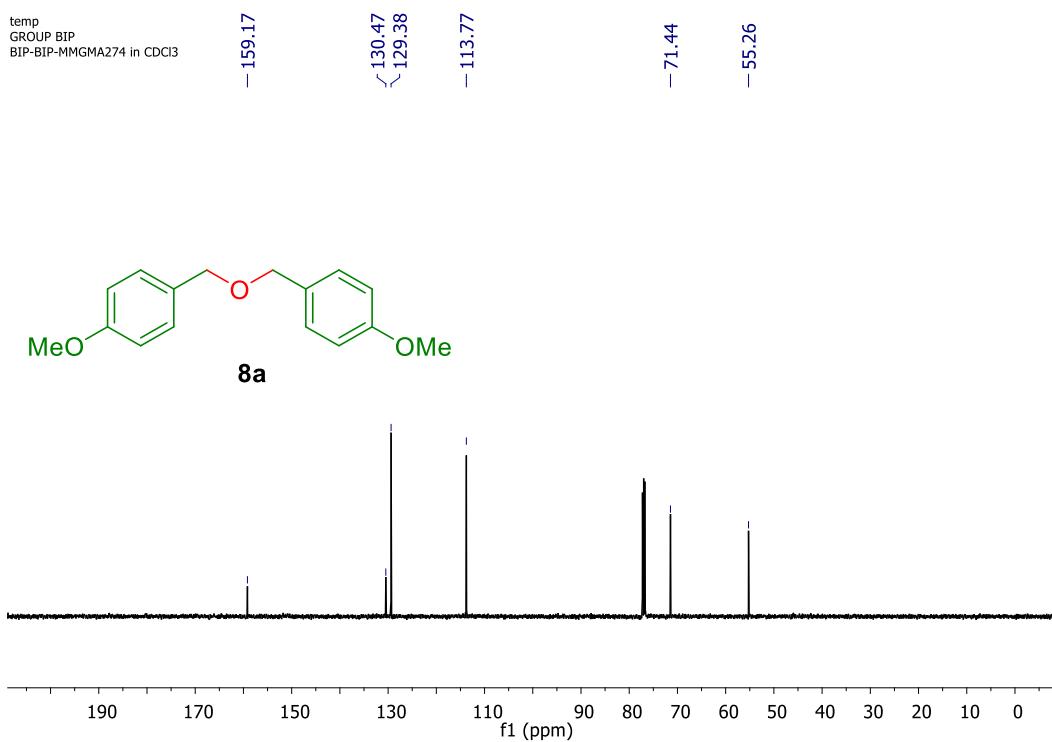
¹³C NMR of 7o in CDCl₃



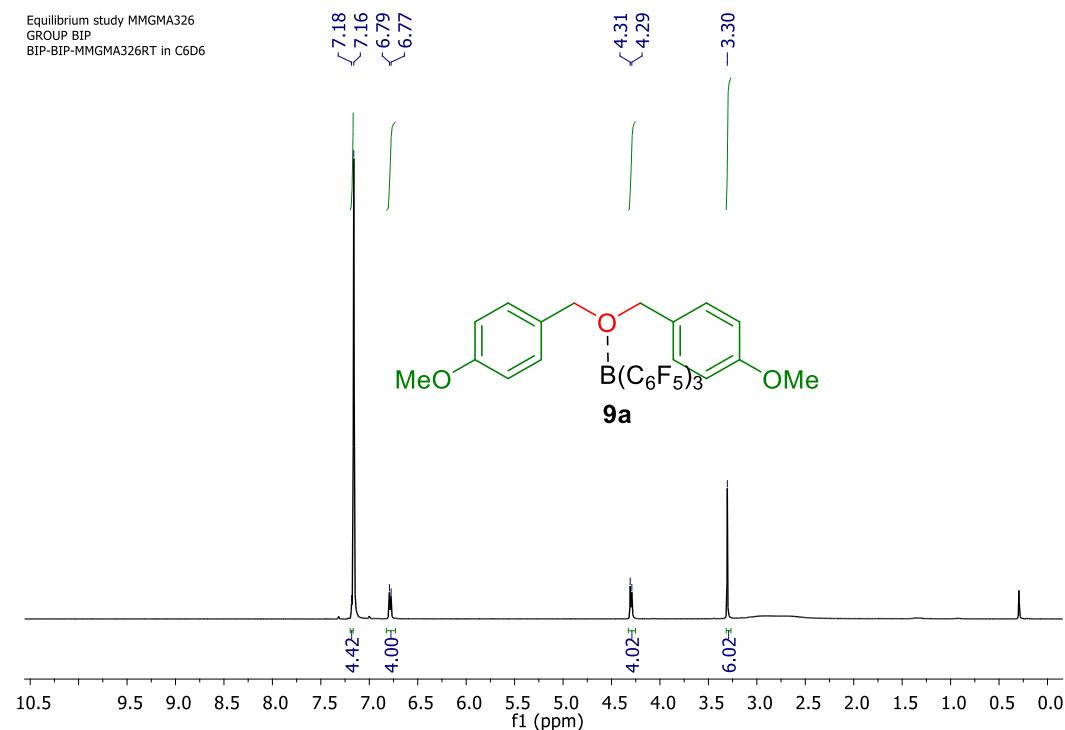
¹H NMR of 8a in CDCl₃



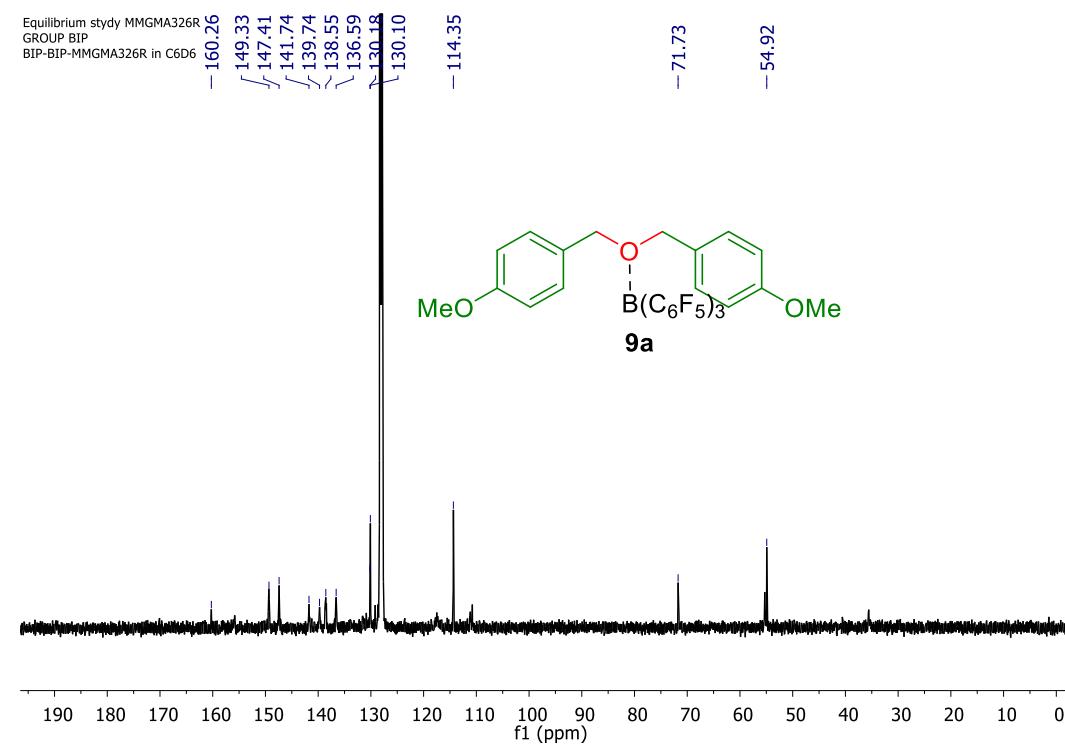
¹³C NMR of 8a in CDCl₃



¹H NMR of 9a in C₆D₆

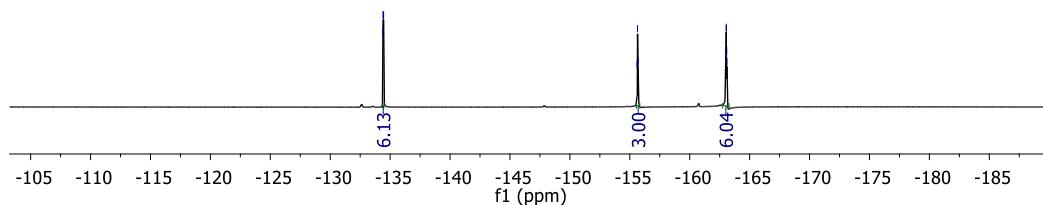
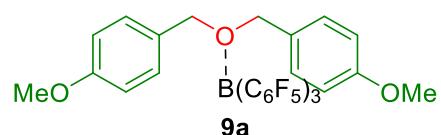
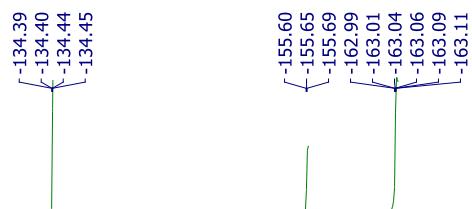


¹³C NMR of 7a in C₆D₆



¹⁹F NMR of 9a in C₆D₆

Equilibrium study MMGMA326R
GROUP BIP
BIP-BIP-MMGMA326R in C₆D₆
F19 Coupled



¹¹B NMR of 9a in C₆D₆

Desktop
GROUP BIP
BIP-BIP-PTPPC93D in C₆D₆
11B (1H decoupled)

