Electronic Supplementary Material (ESI) for RSC Advances.

Supporting Information

Synthesis of a novel resorcin[4]arene-glucose conjugate and its catalysis of the CuAAC reaction for the synthesis of 1,4-disubstituted 1,2,3-triazoles in water

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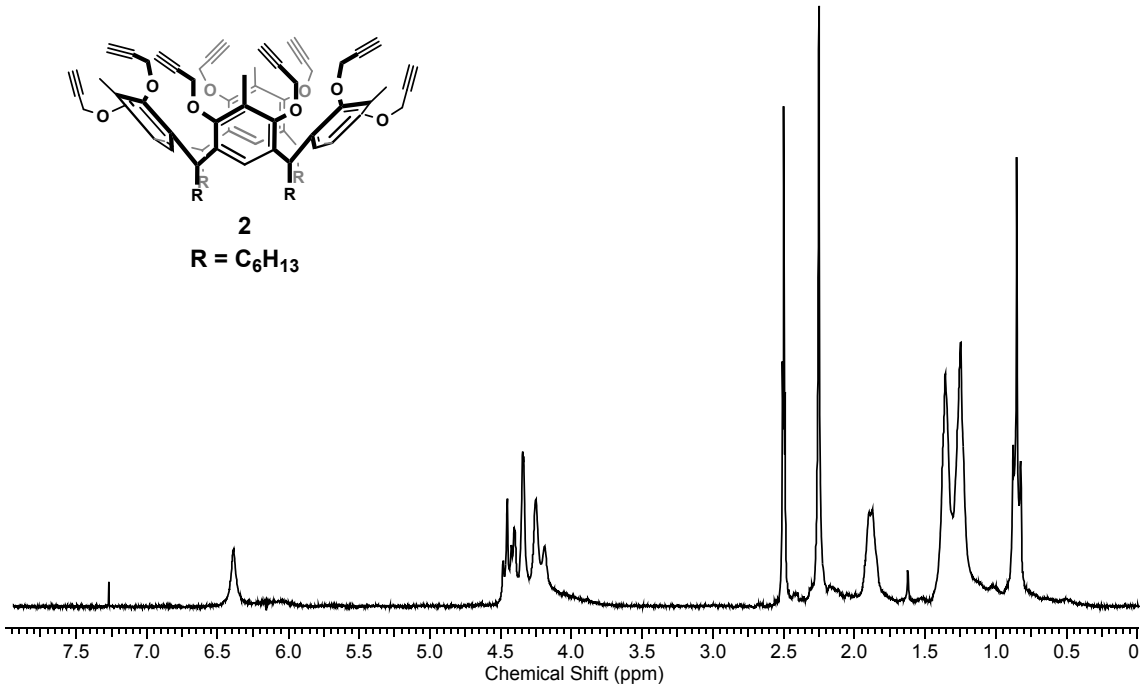
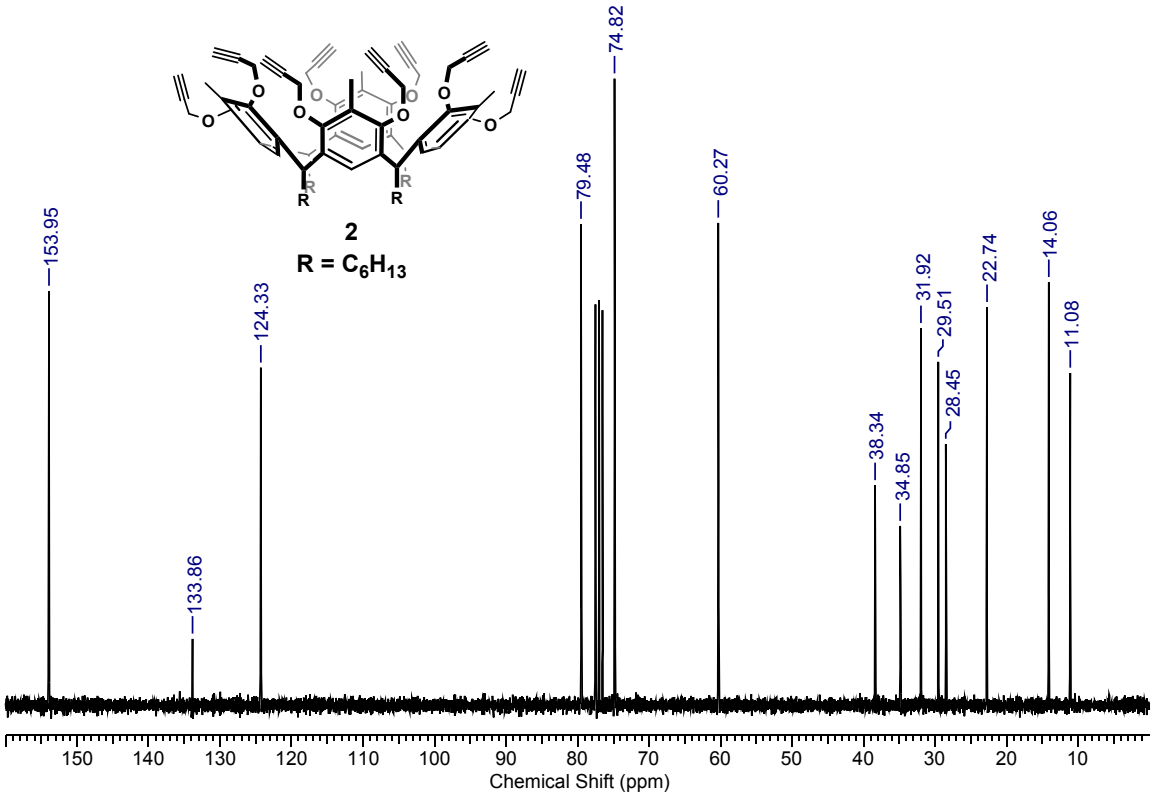
General information

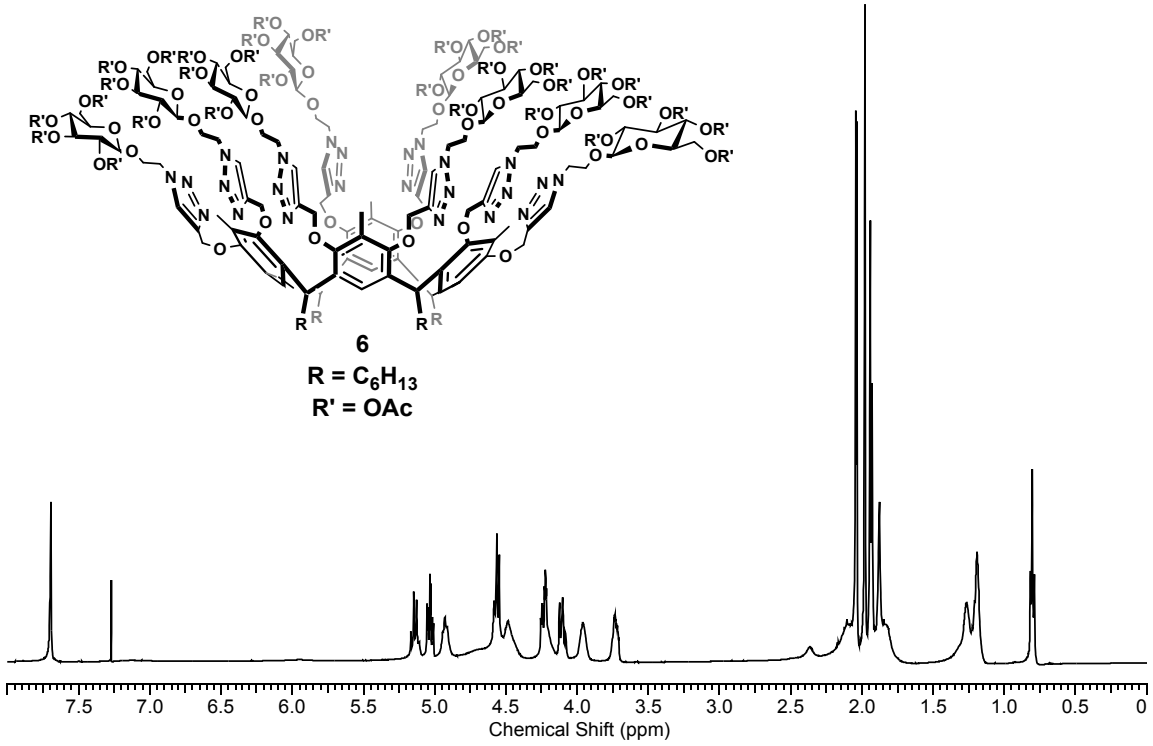
^{1}H-NMR spectra for screening the conversion (%) were recorded on a Bruker DPX-250. ^{1}H- and ^{13}C-NMR spectra were recorded on a Inova-400 spectrometers. Sample concentrations were about 10% (w/v) in $CDCl_3$ and DMSO-d_6.



^{1}H-NMR spectrum of **2**.



^{13}C-NMR spectrum of **2**.



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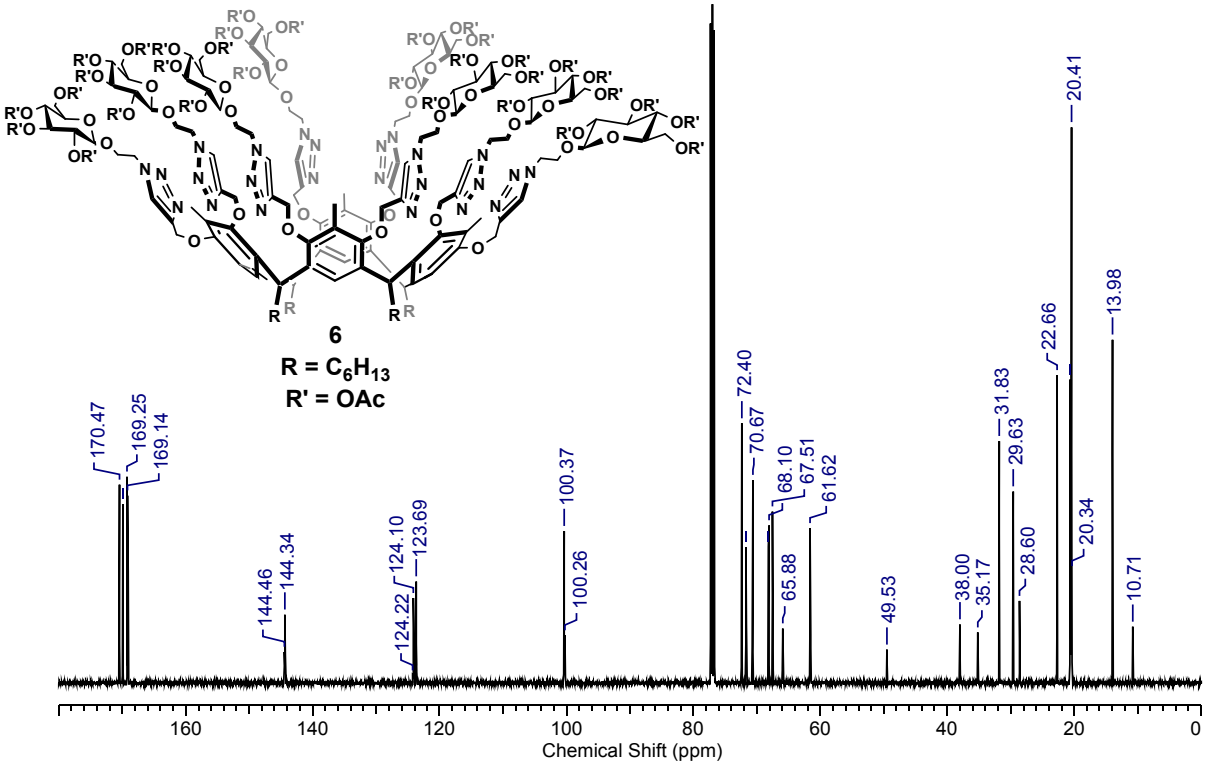

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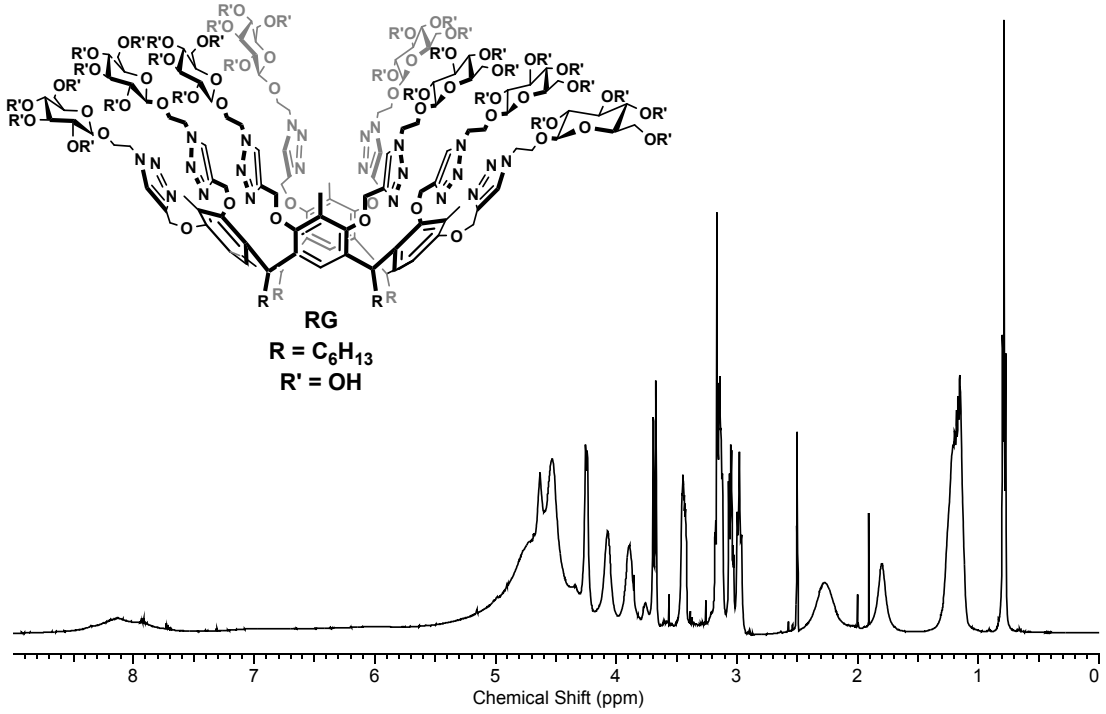

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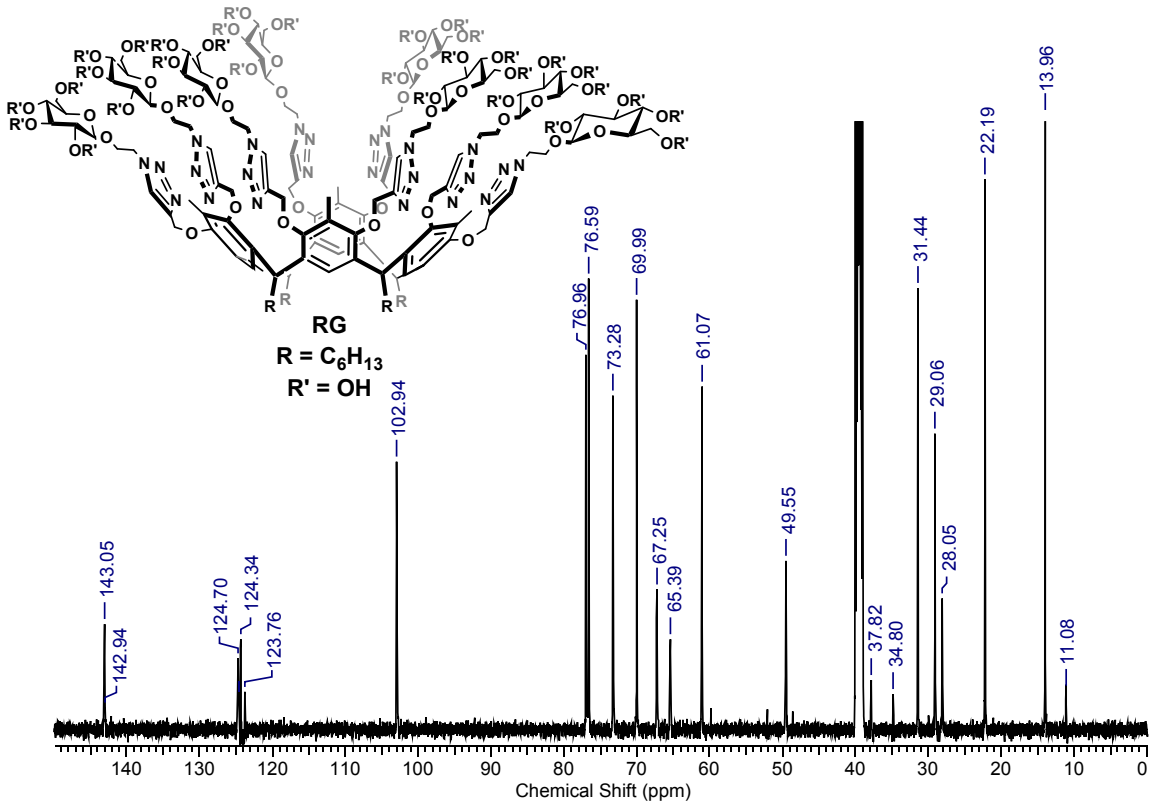

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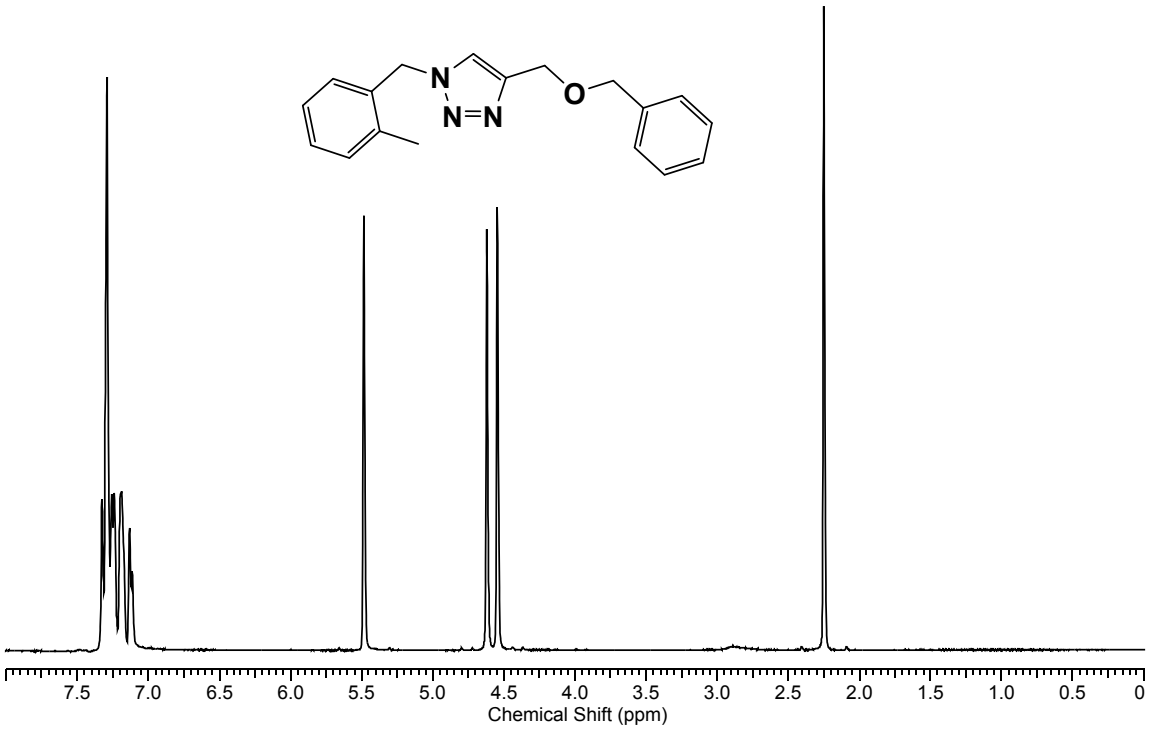
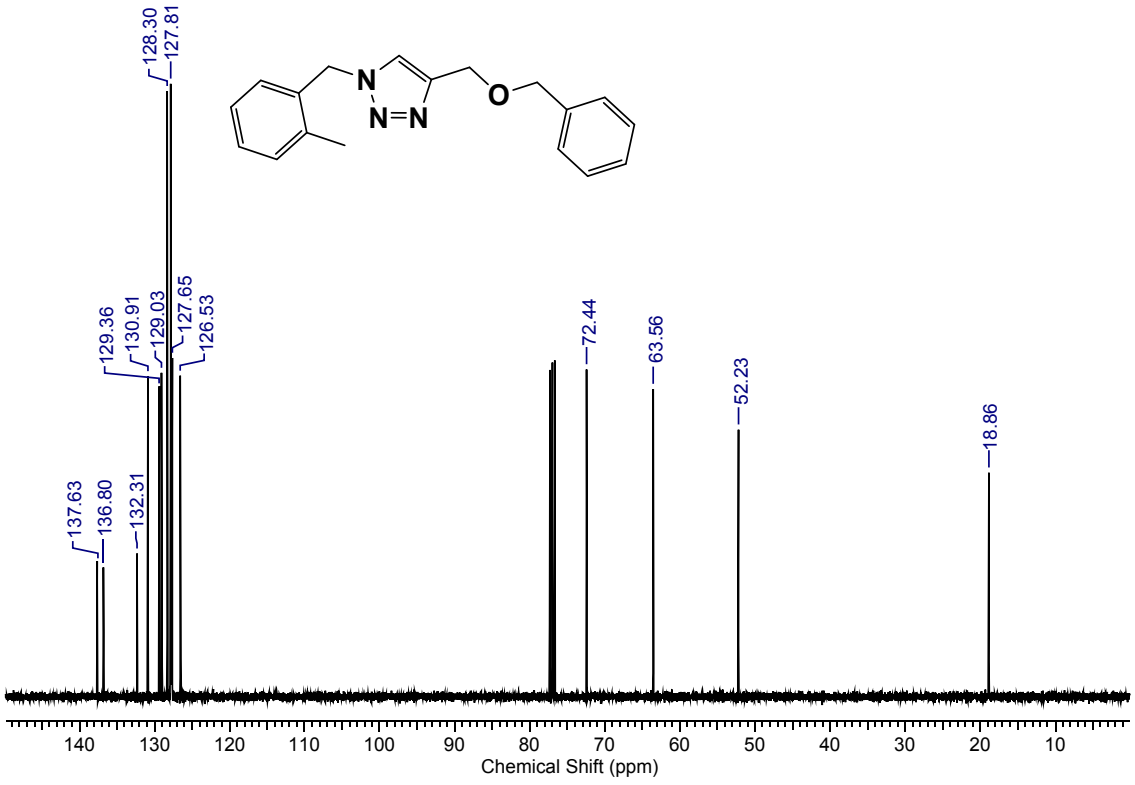


^{1}H-NMR spectrum of **6c**.



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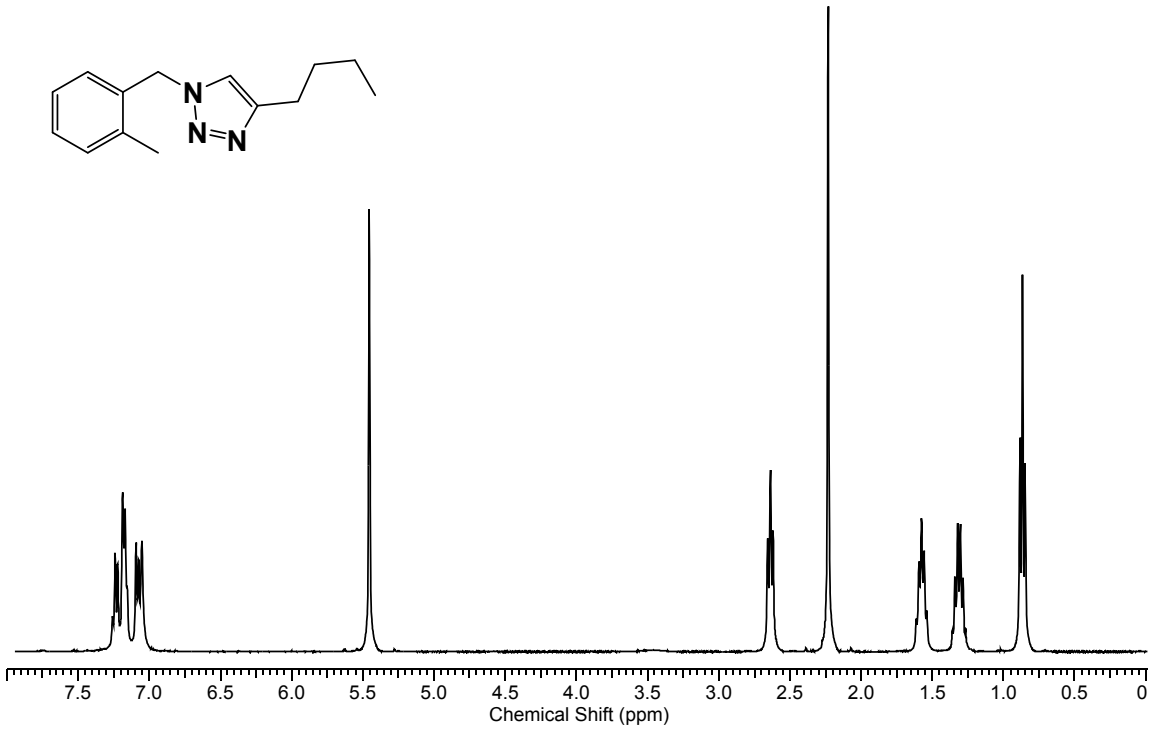

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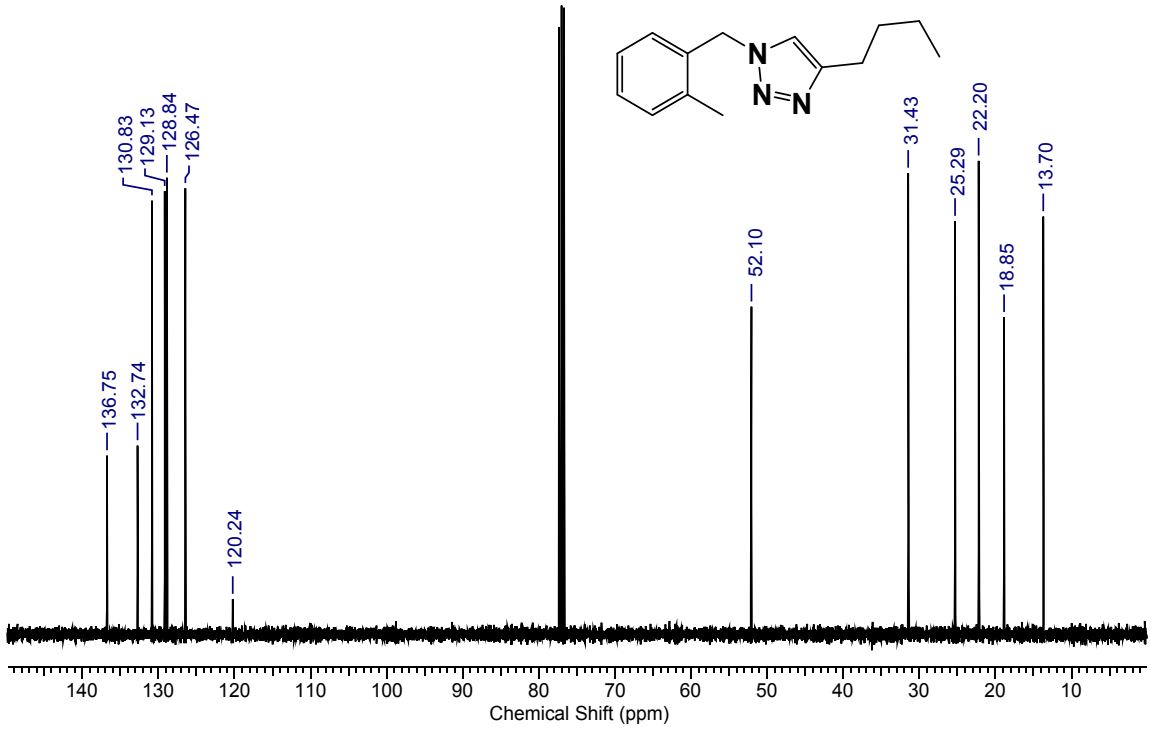

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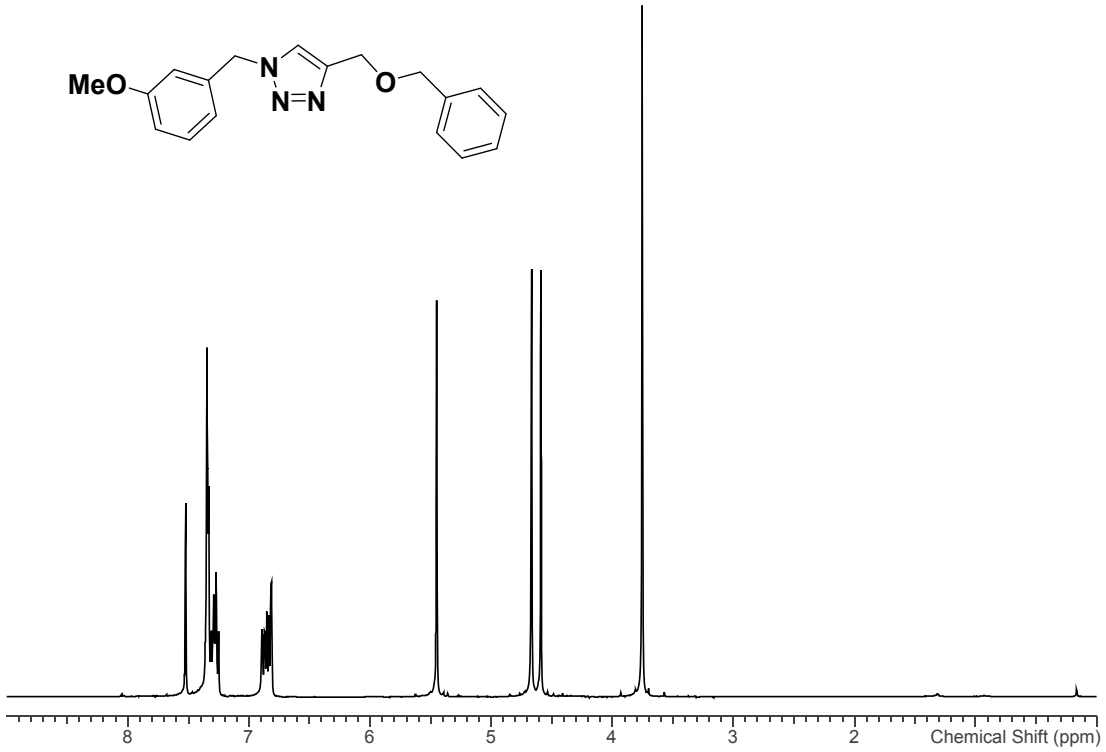

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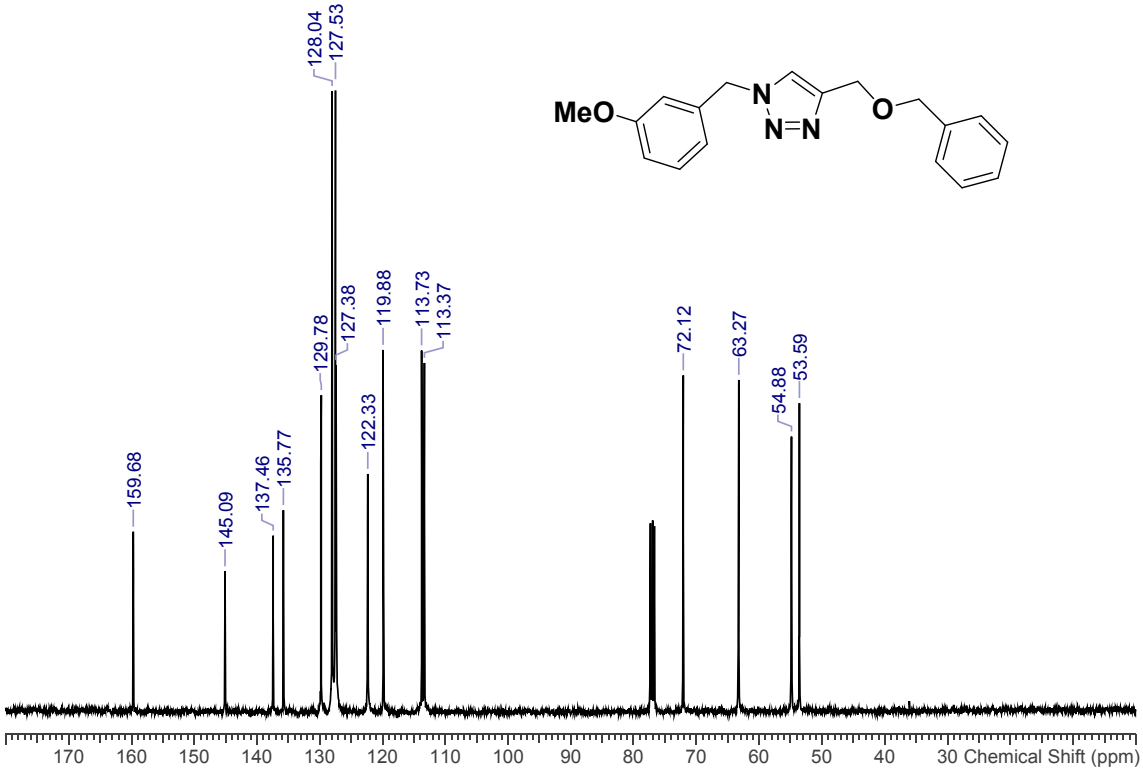

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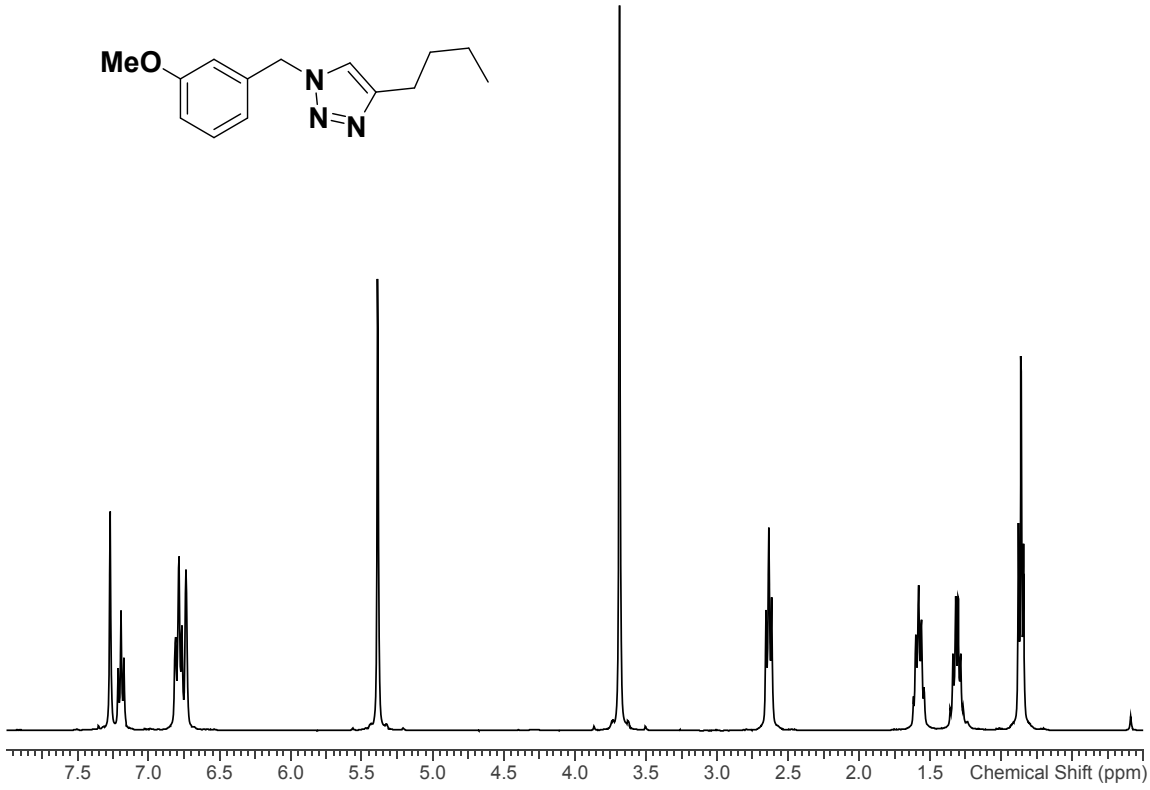

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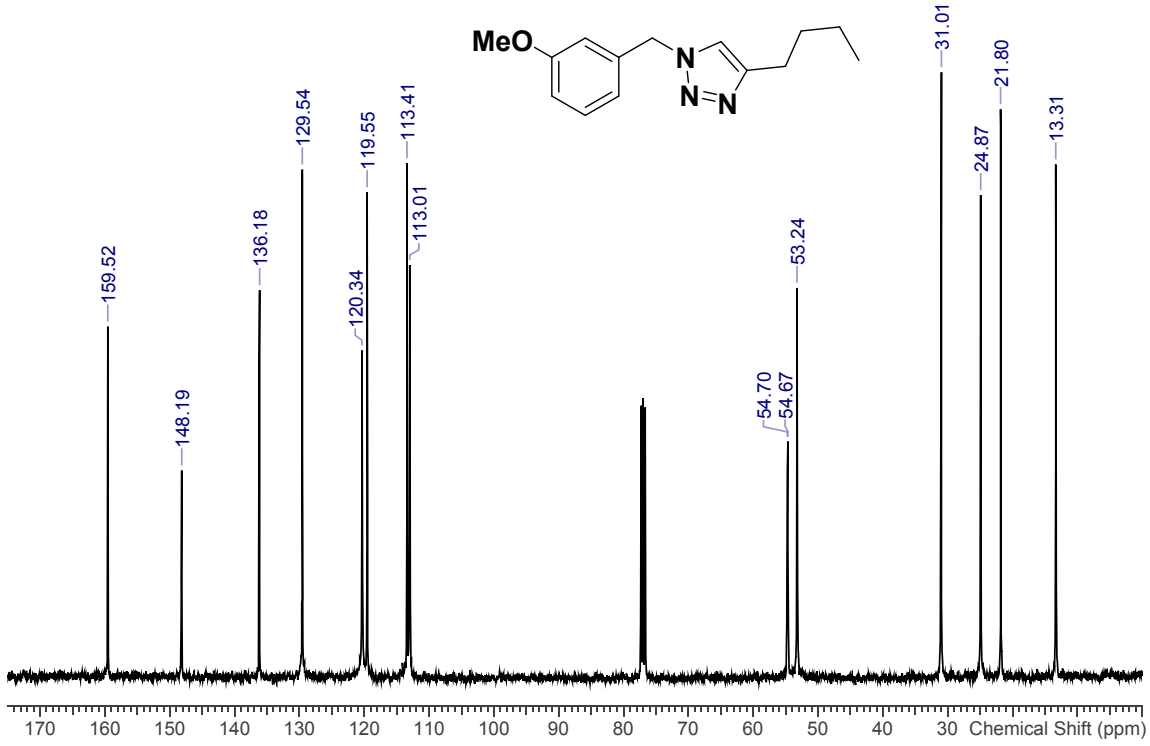
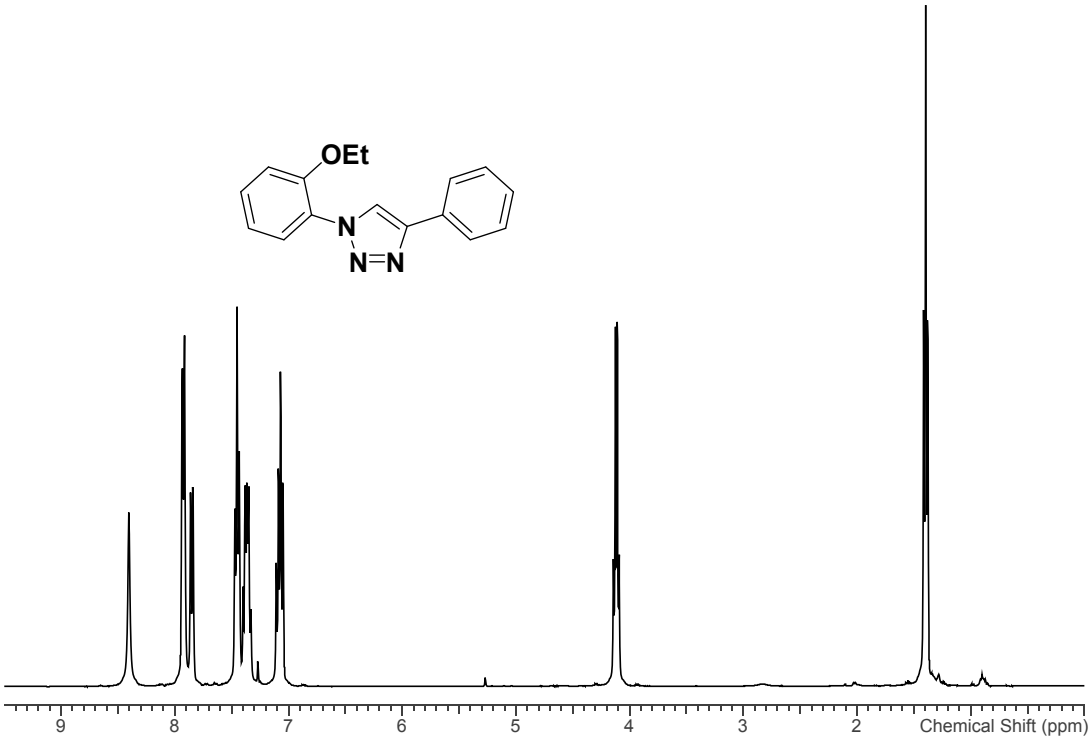


^{13}C-NMR spectrum of **triazole 11c**.



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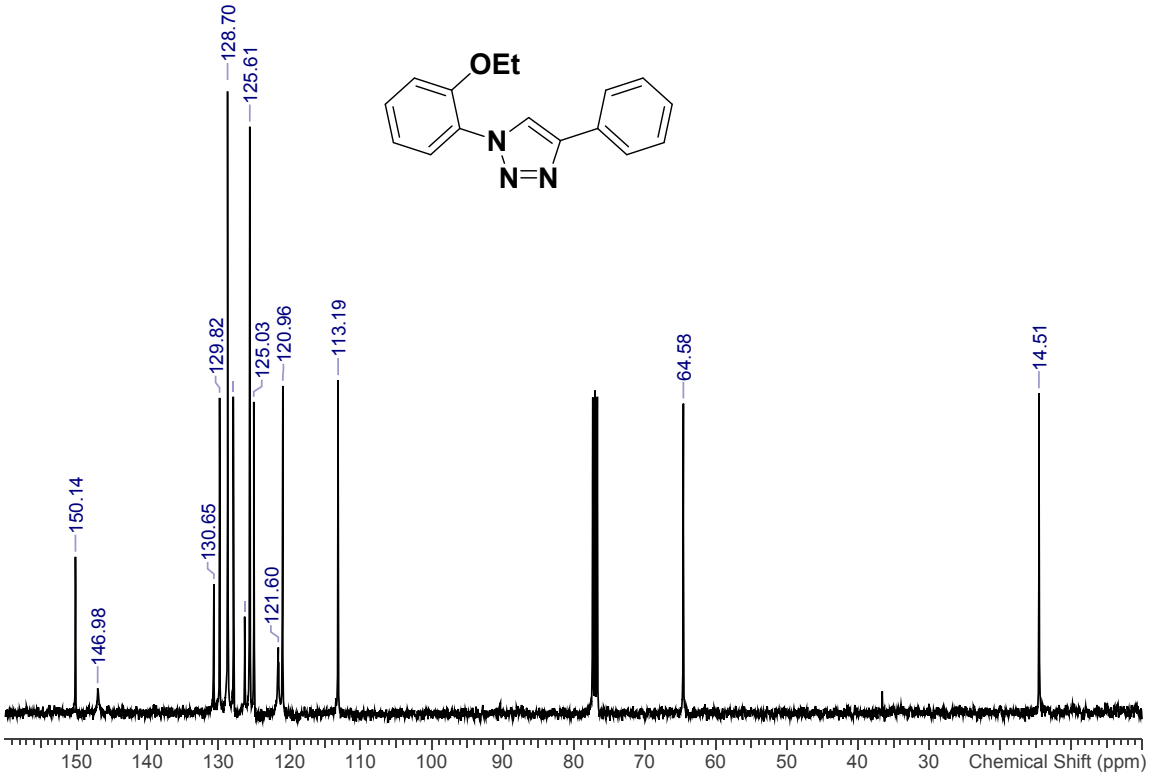

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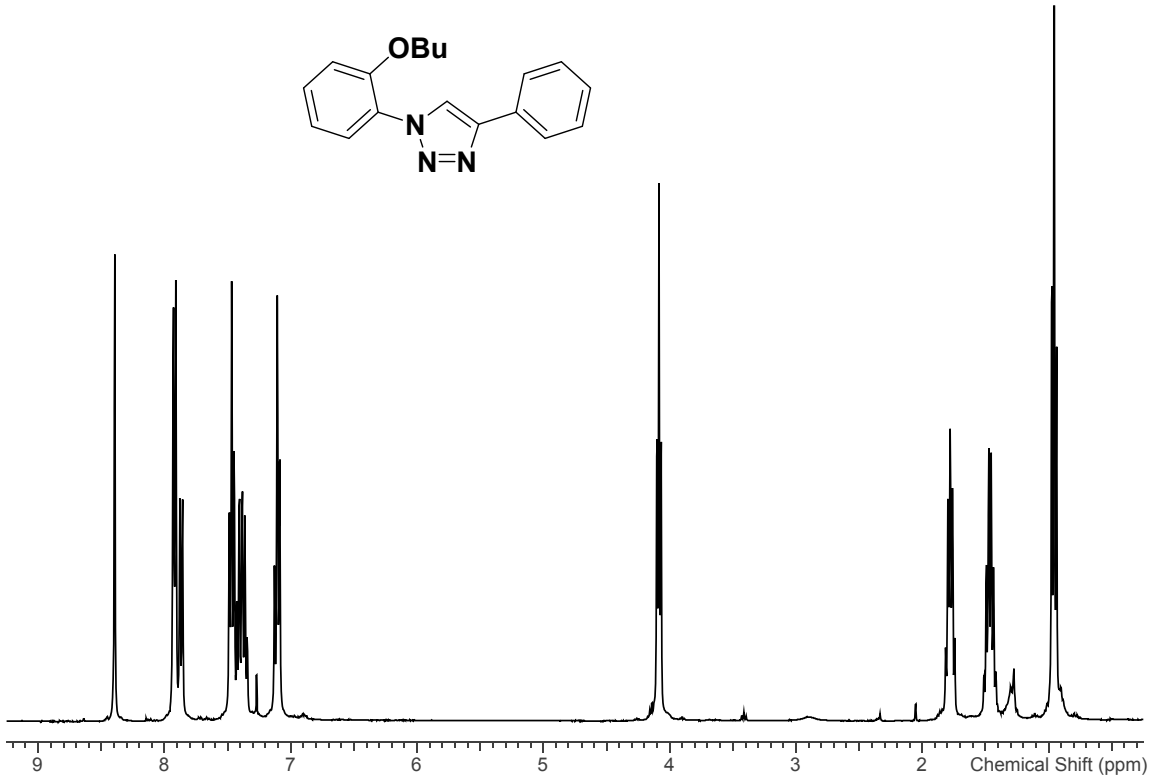

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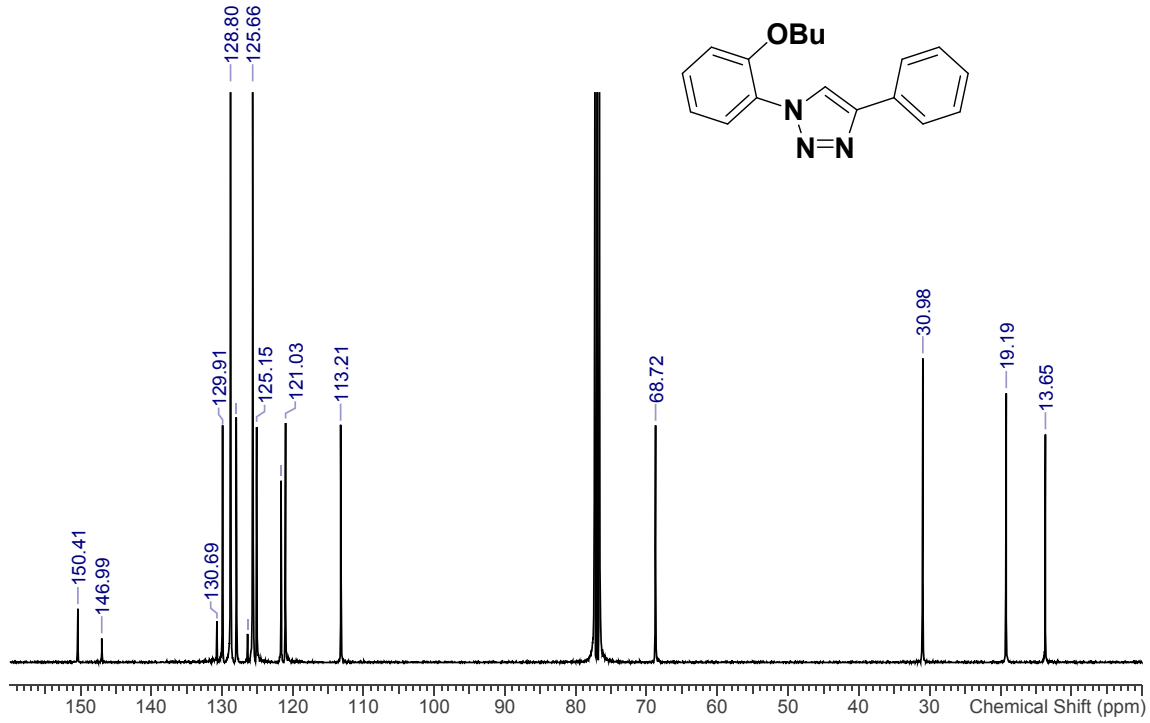

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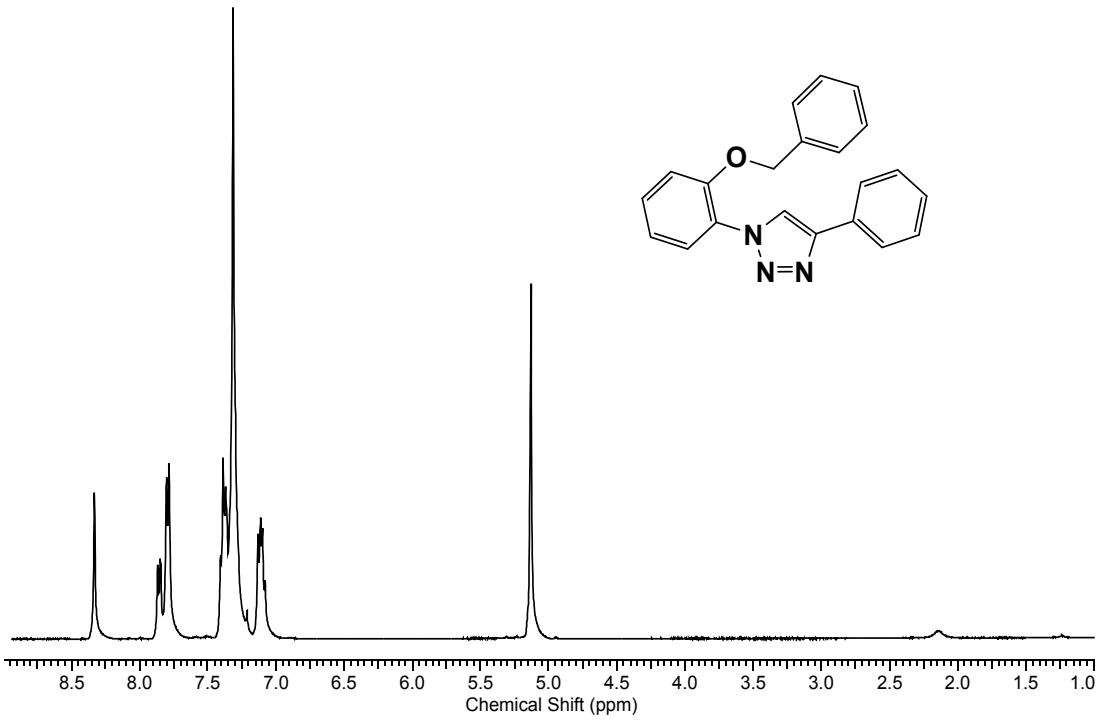

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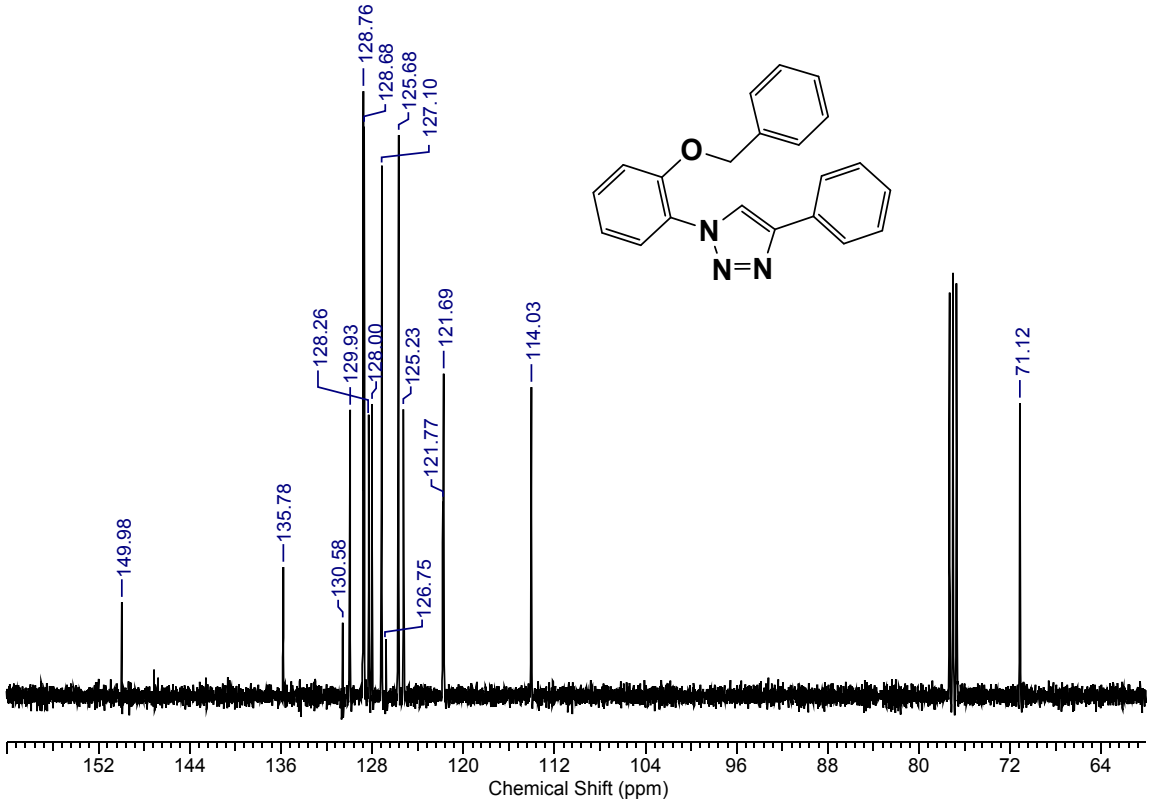

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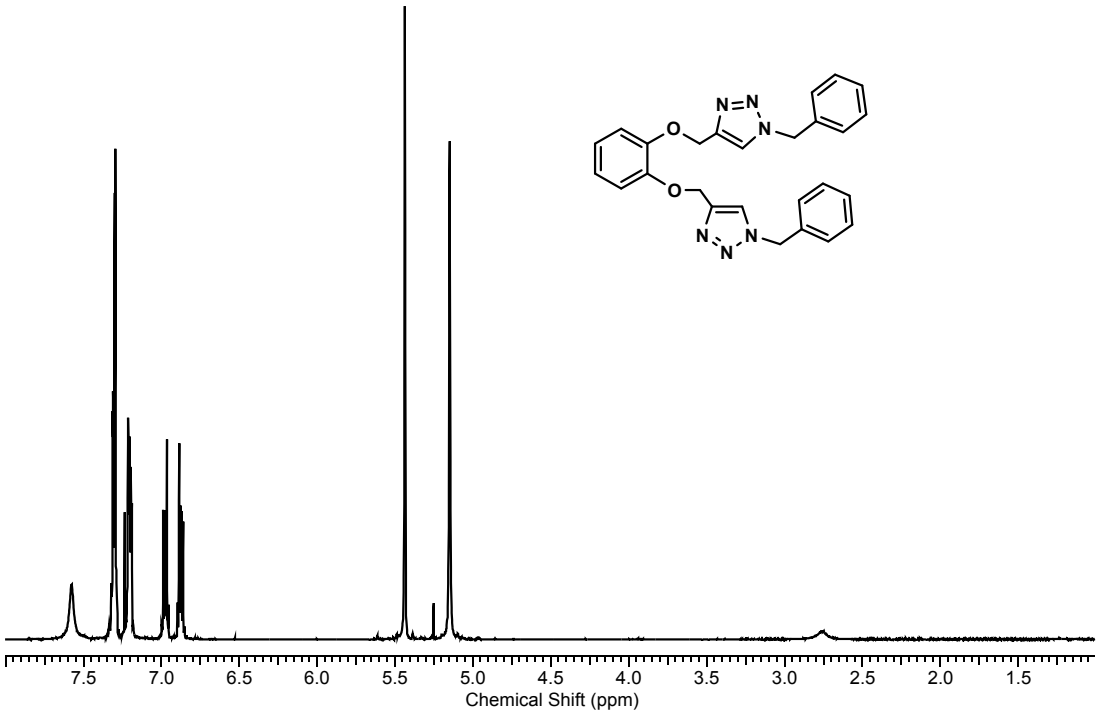

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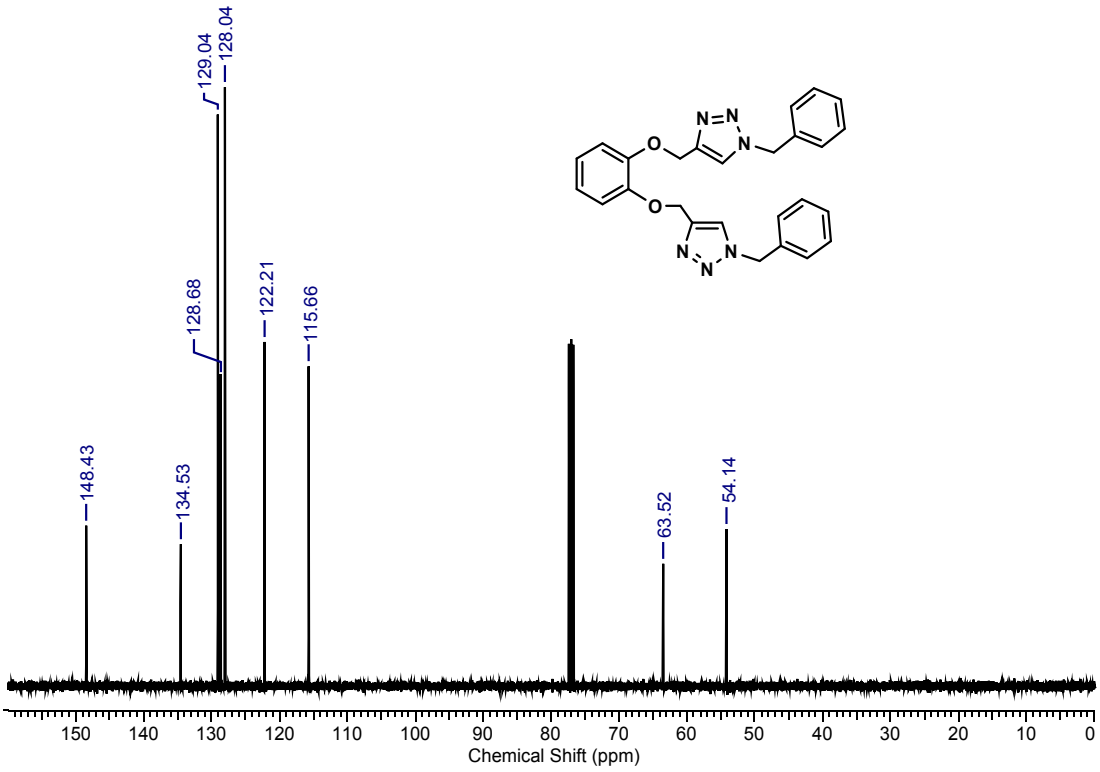

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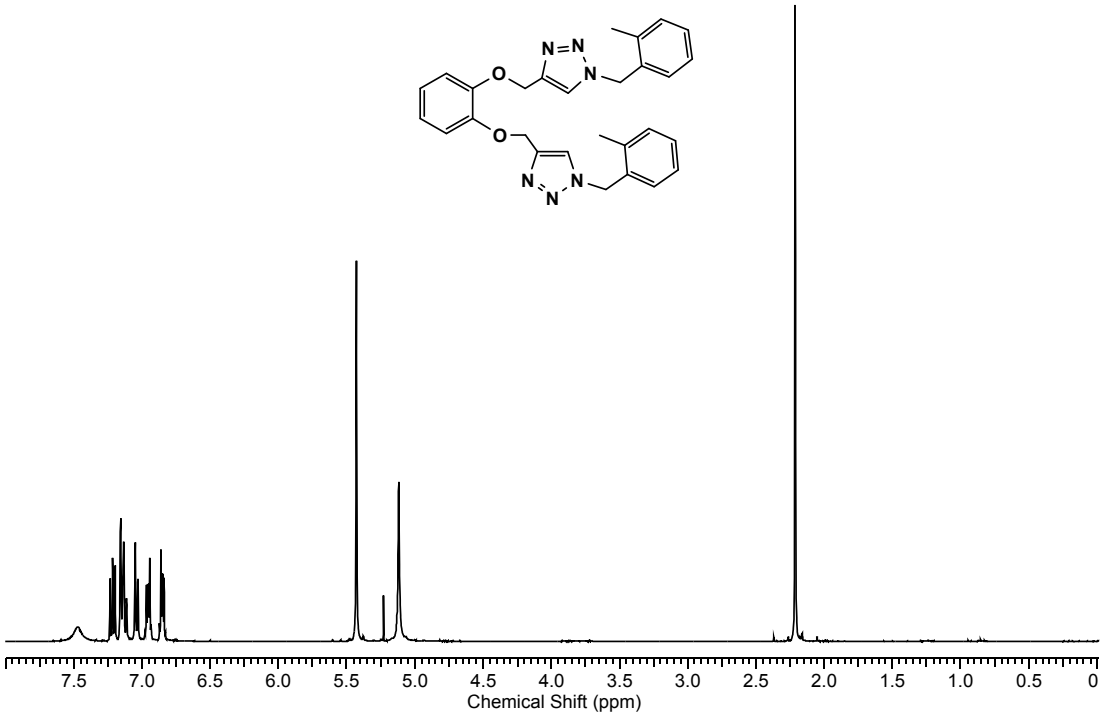

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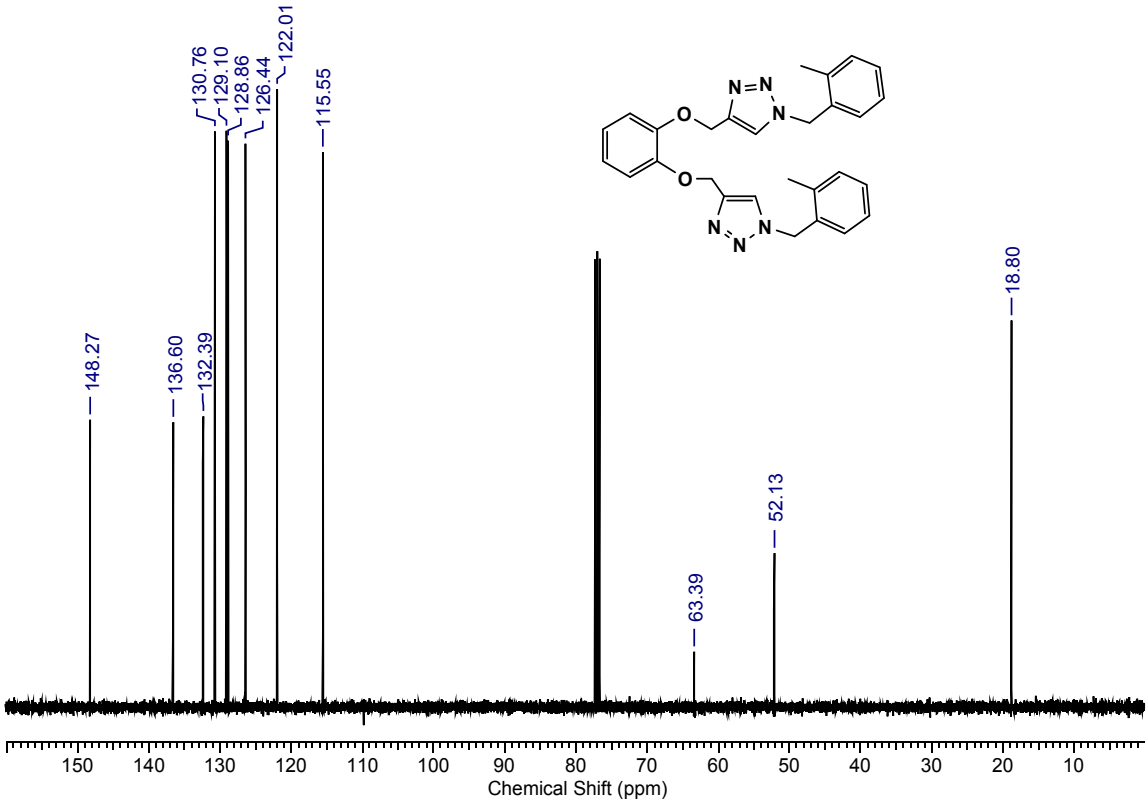

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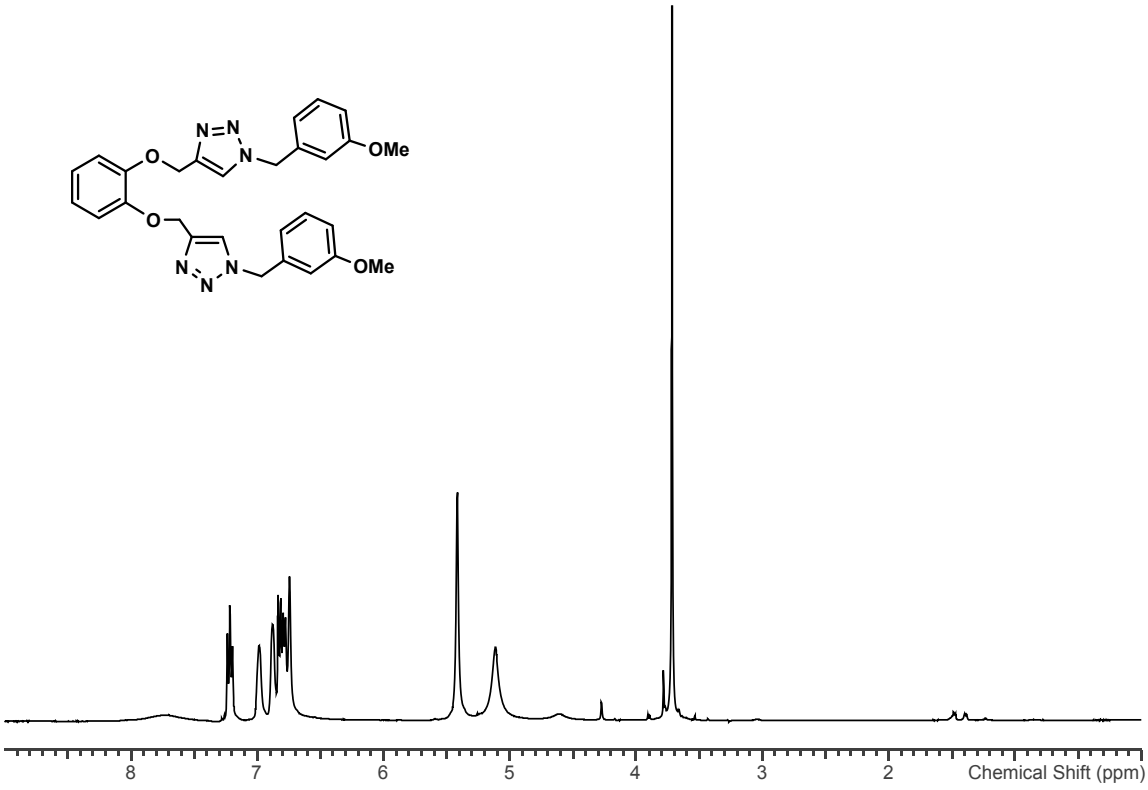

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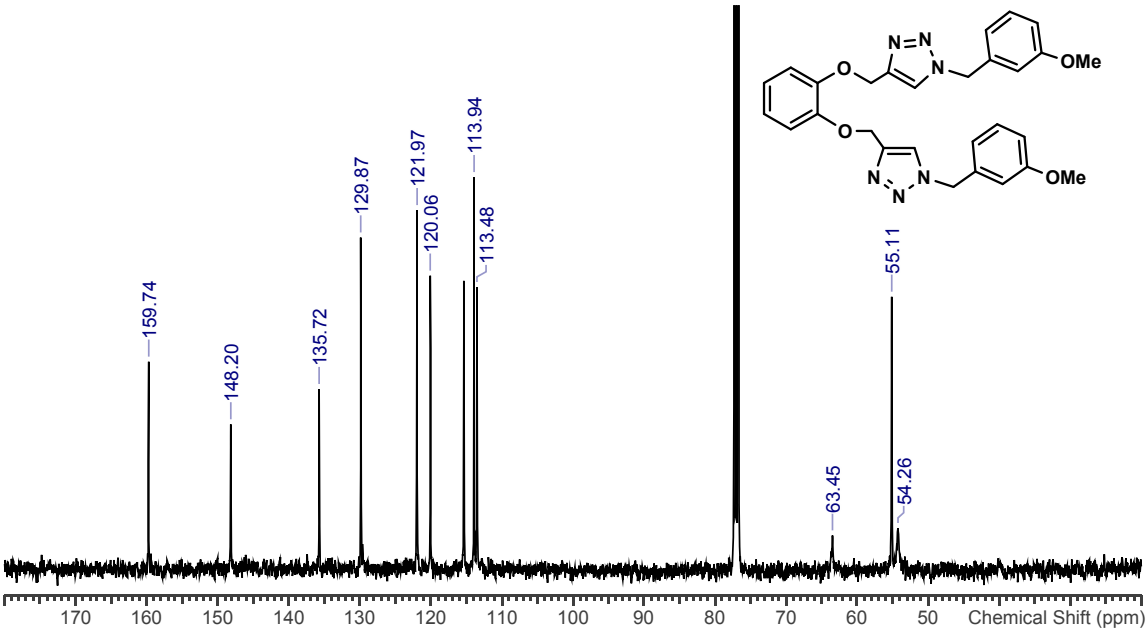

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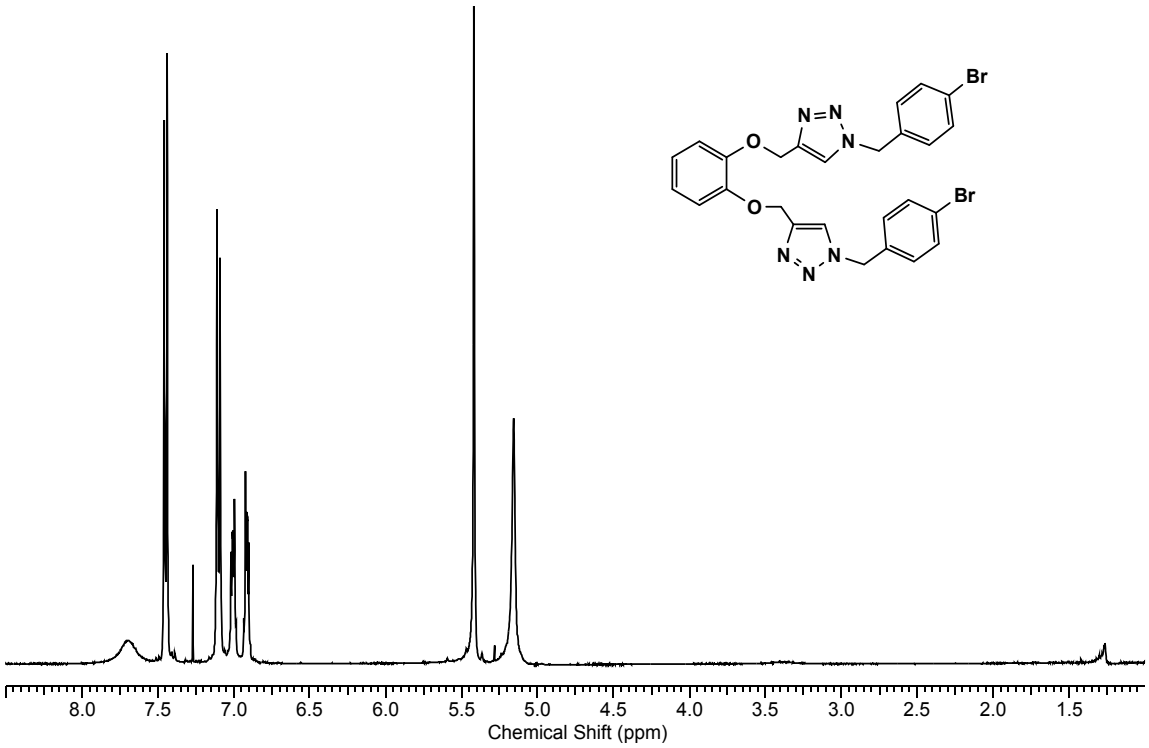

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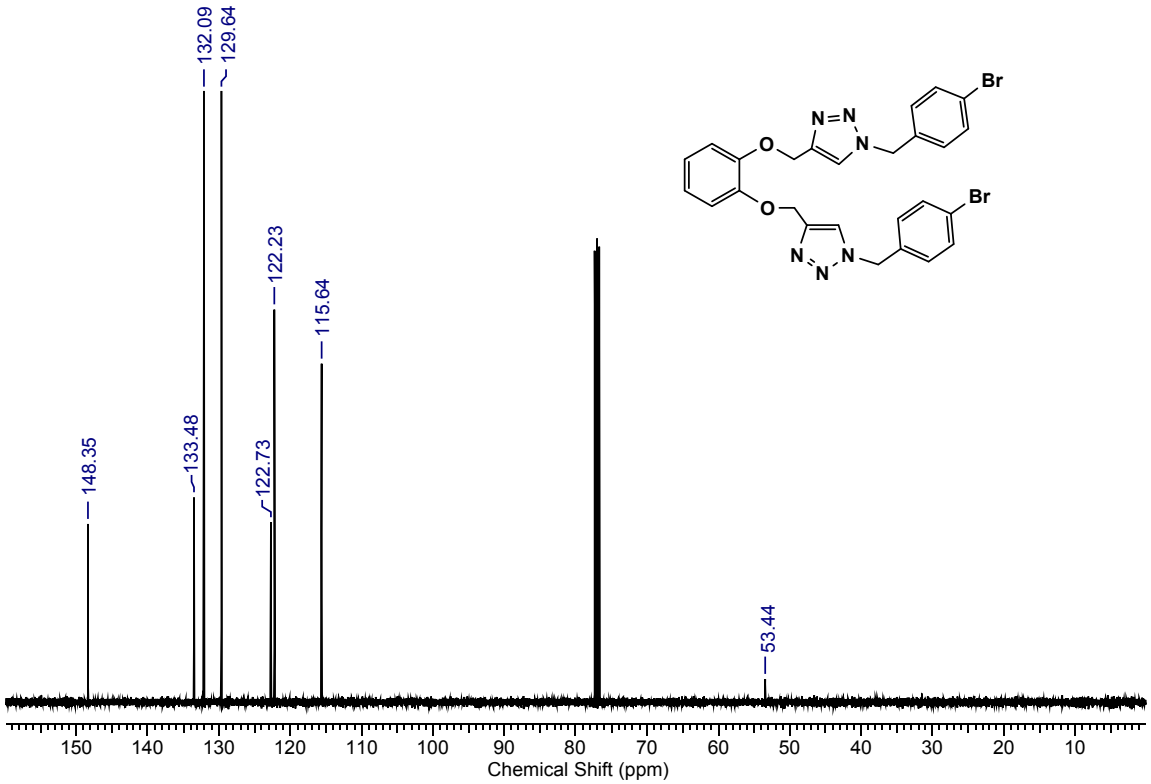

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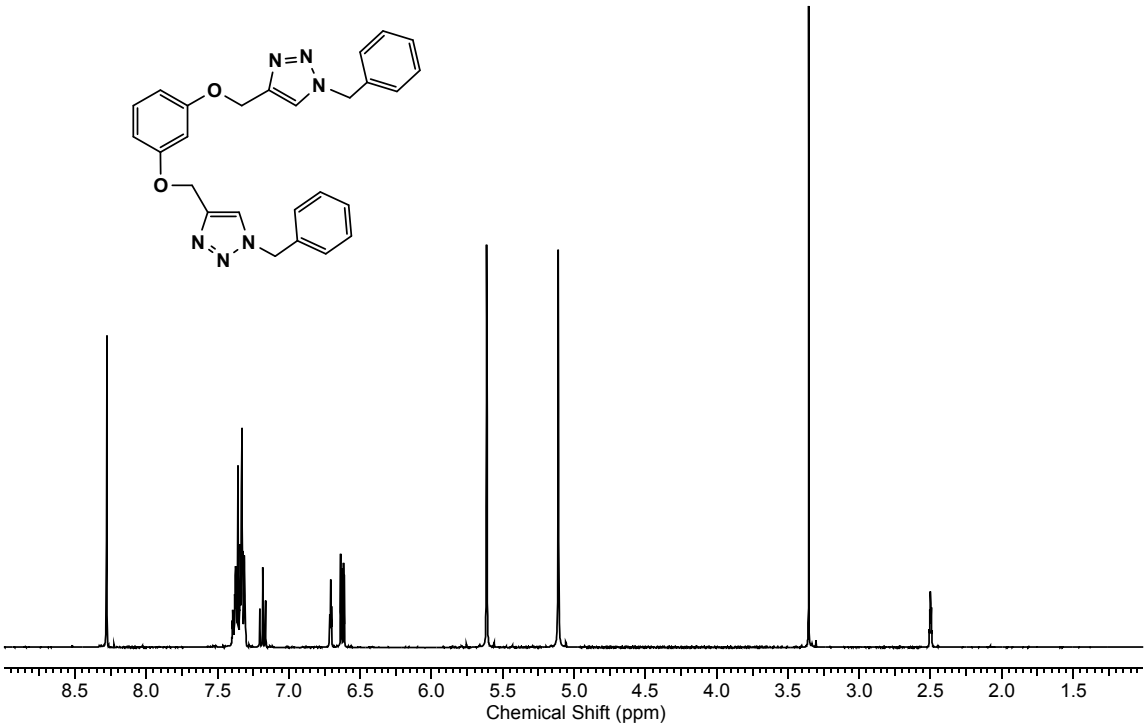

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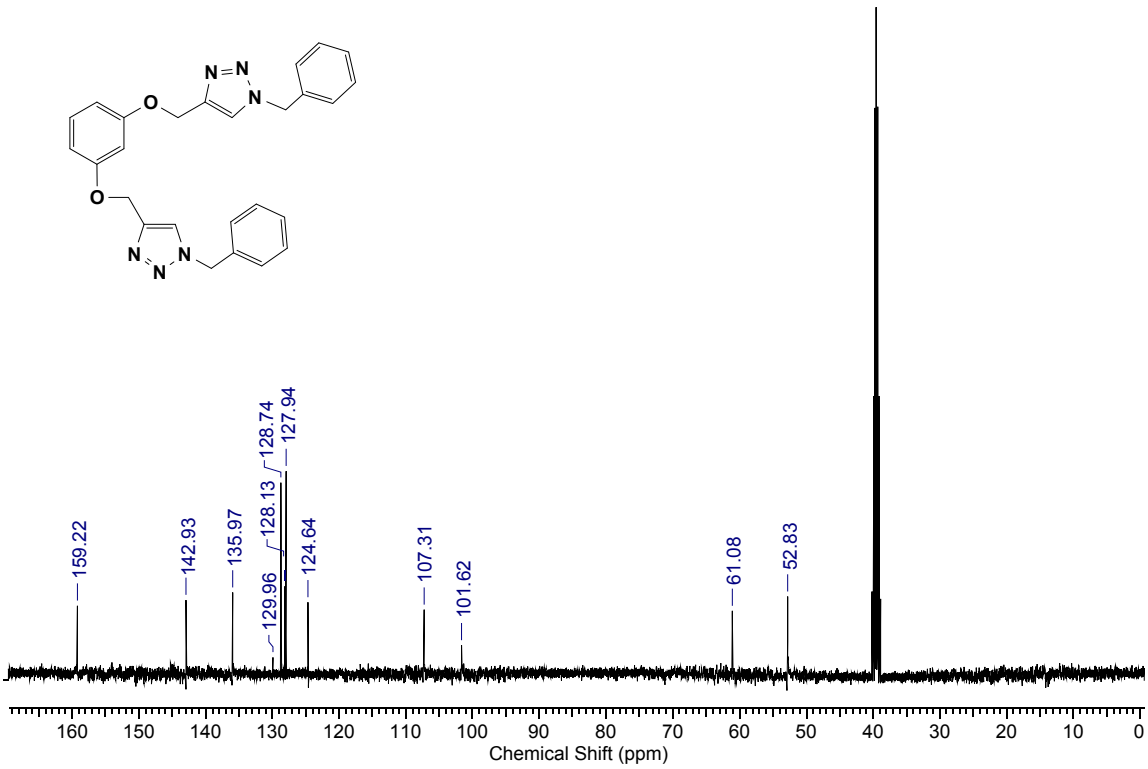

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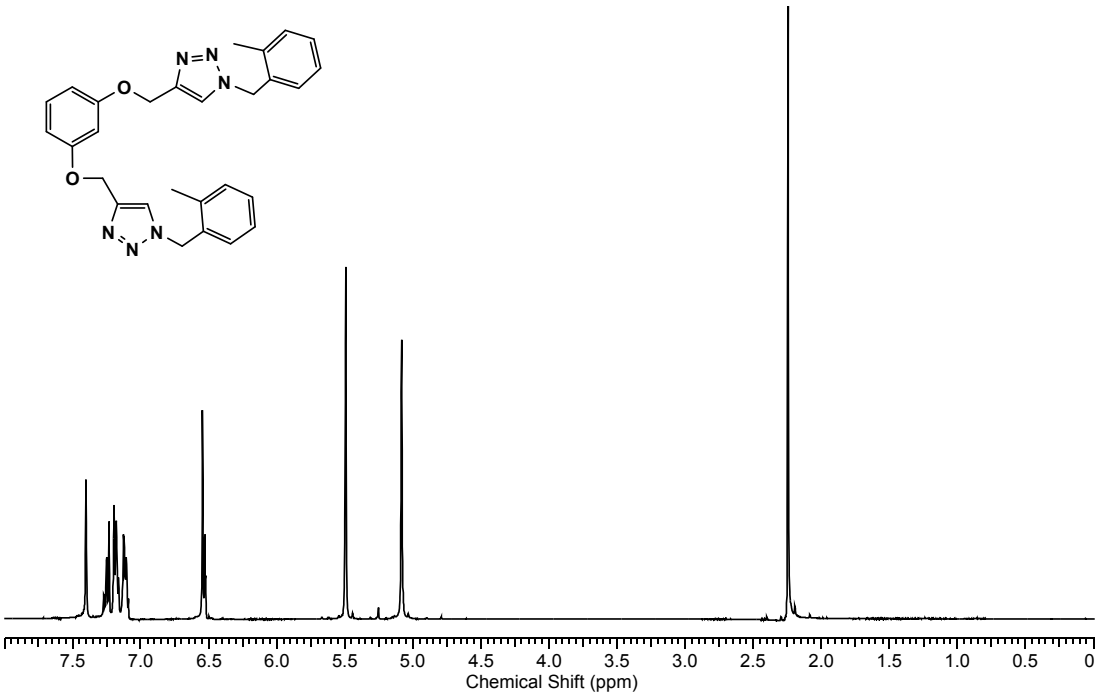

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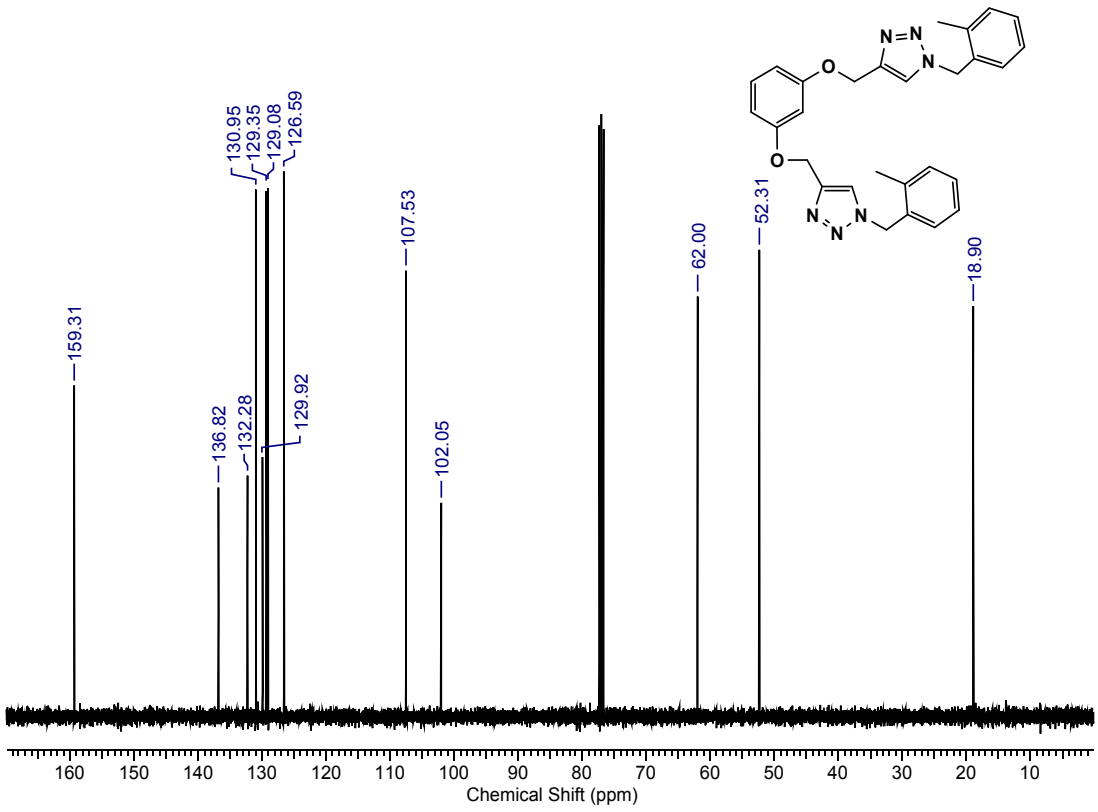

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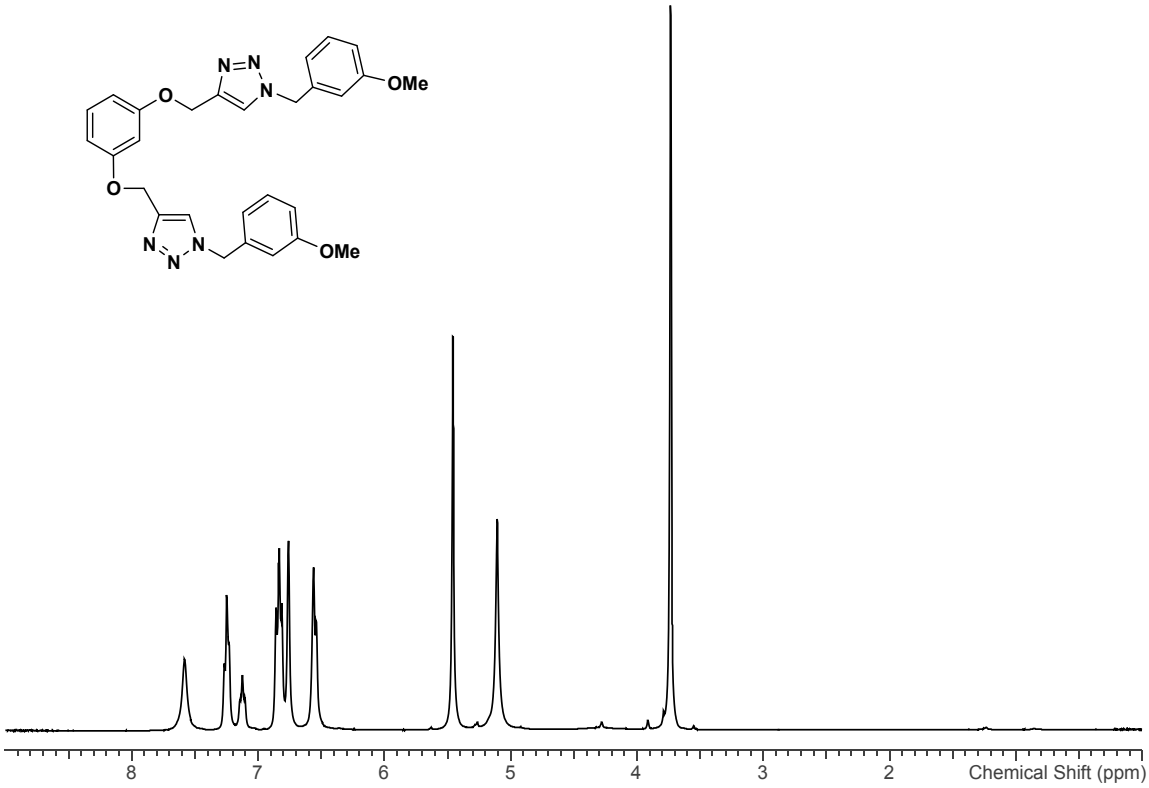

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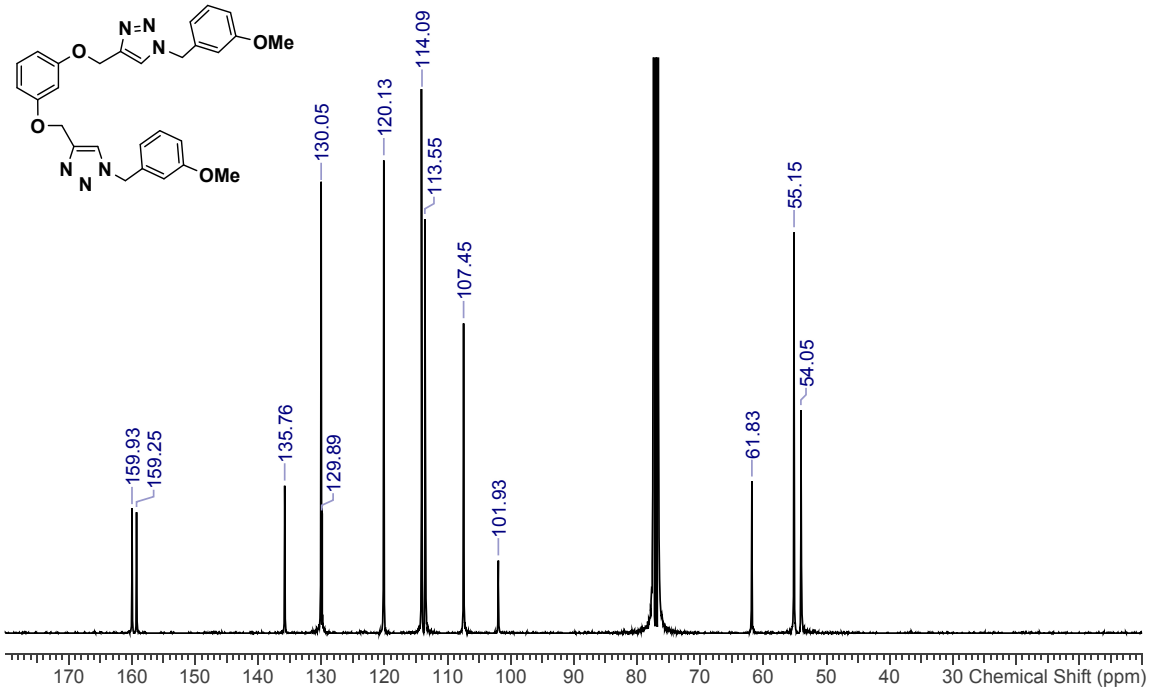
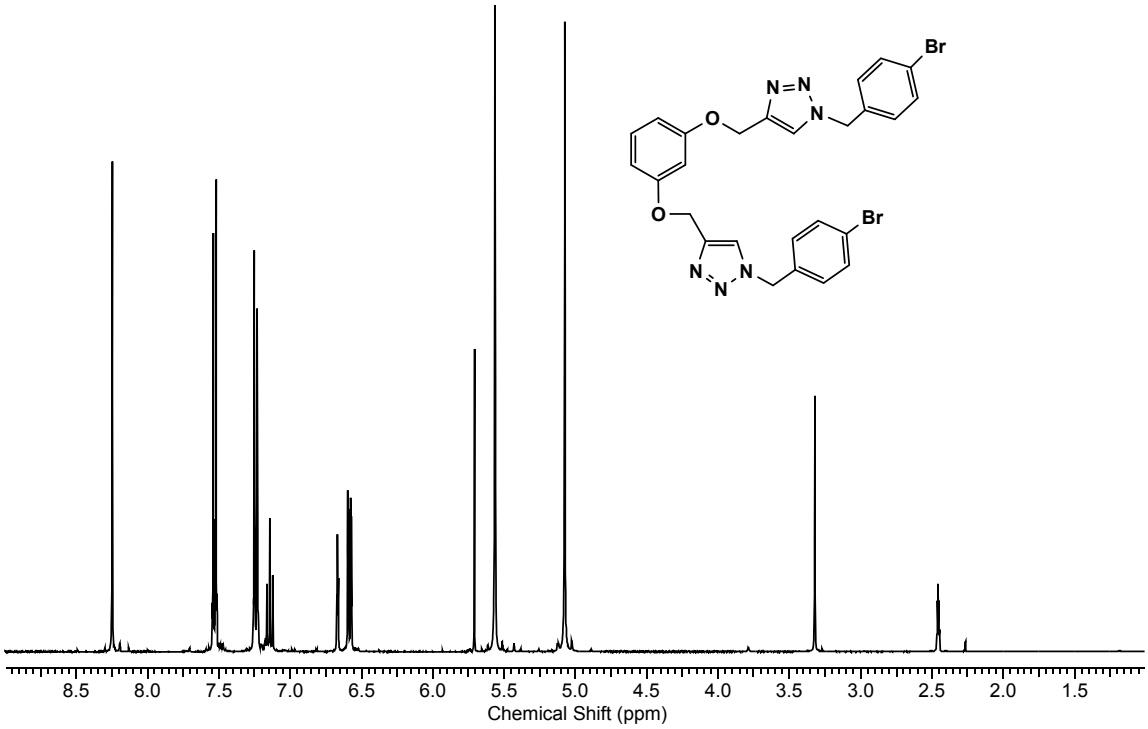
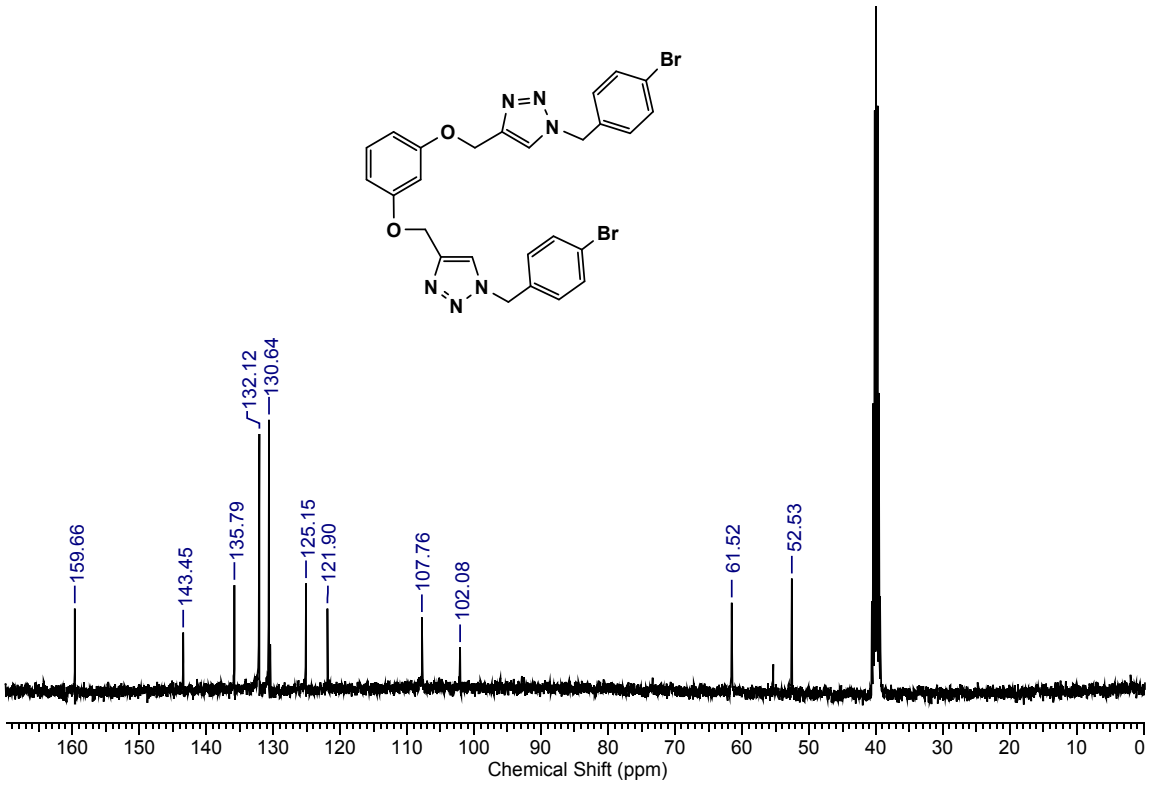


^{13}C-NMR spectrum of **28c**.



^{1}H-NMR spectrum of **29c**.



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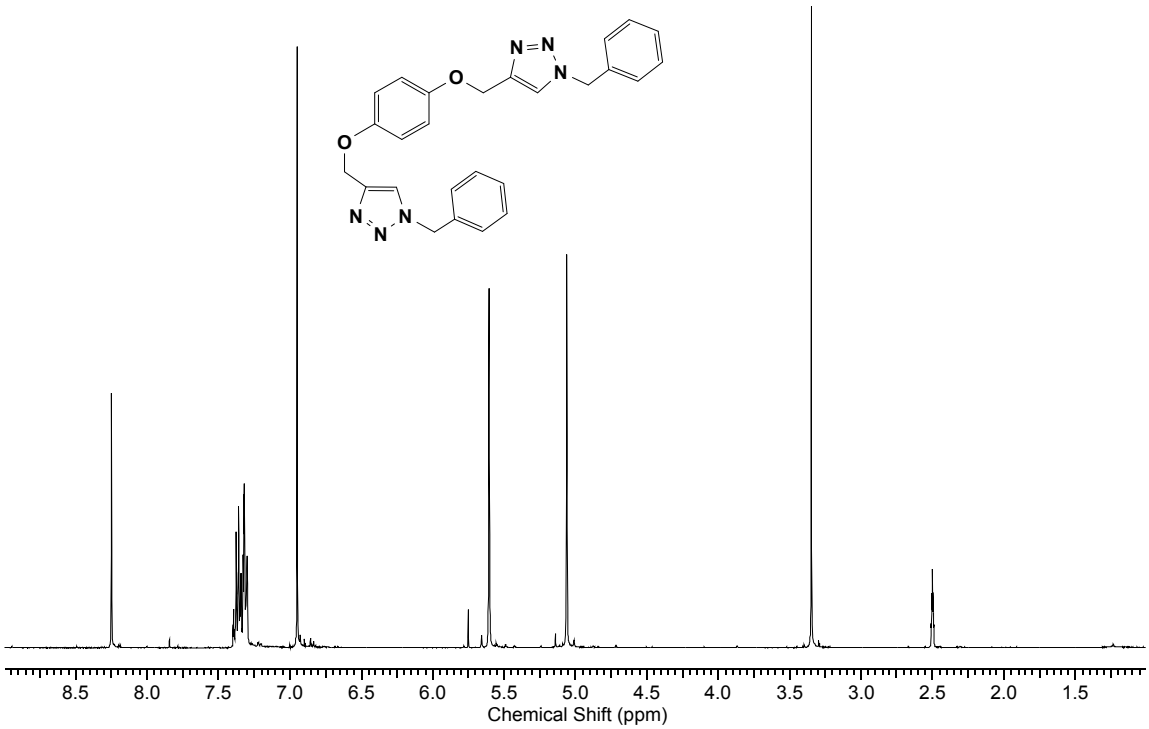

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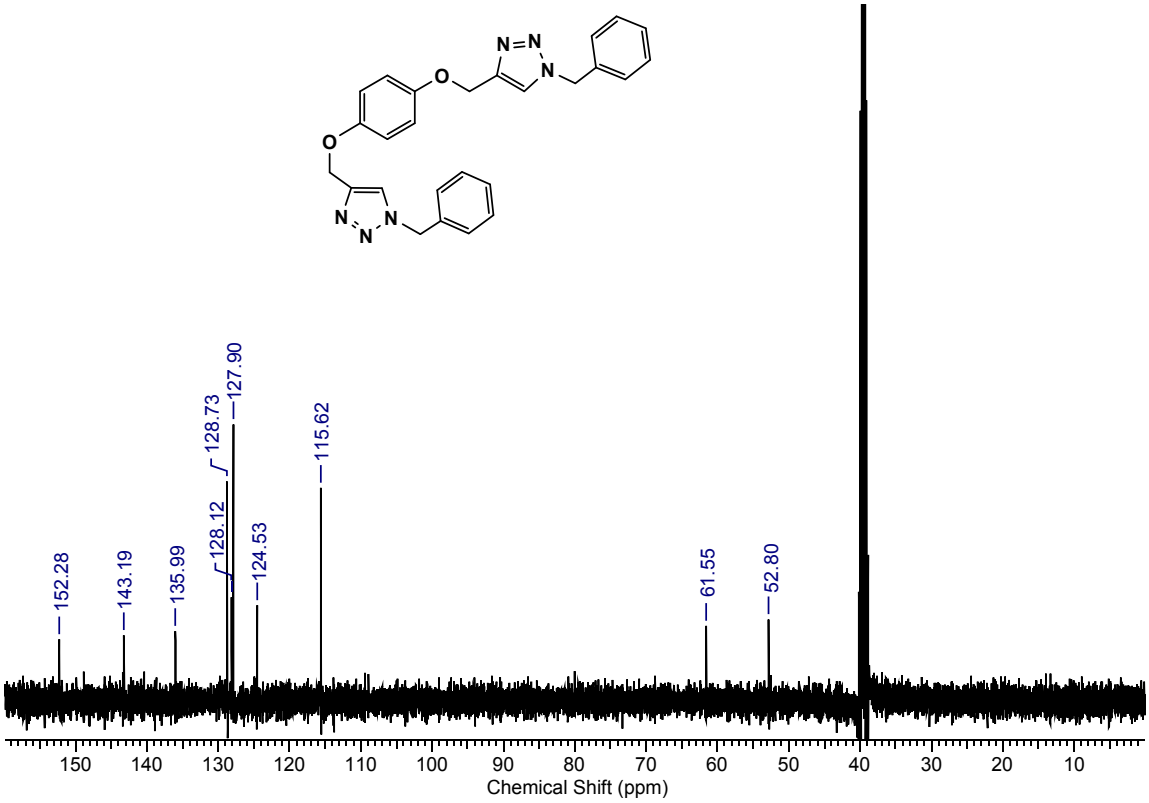

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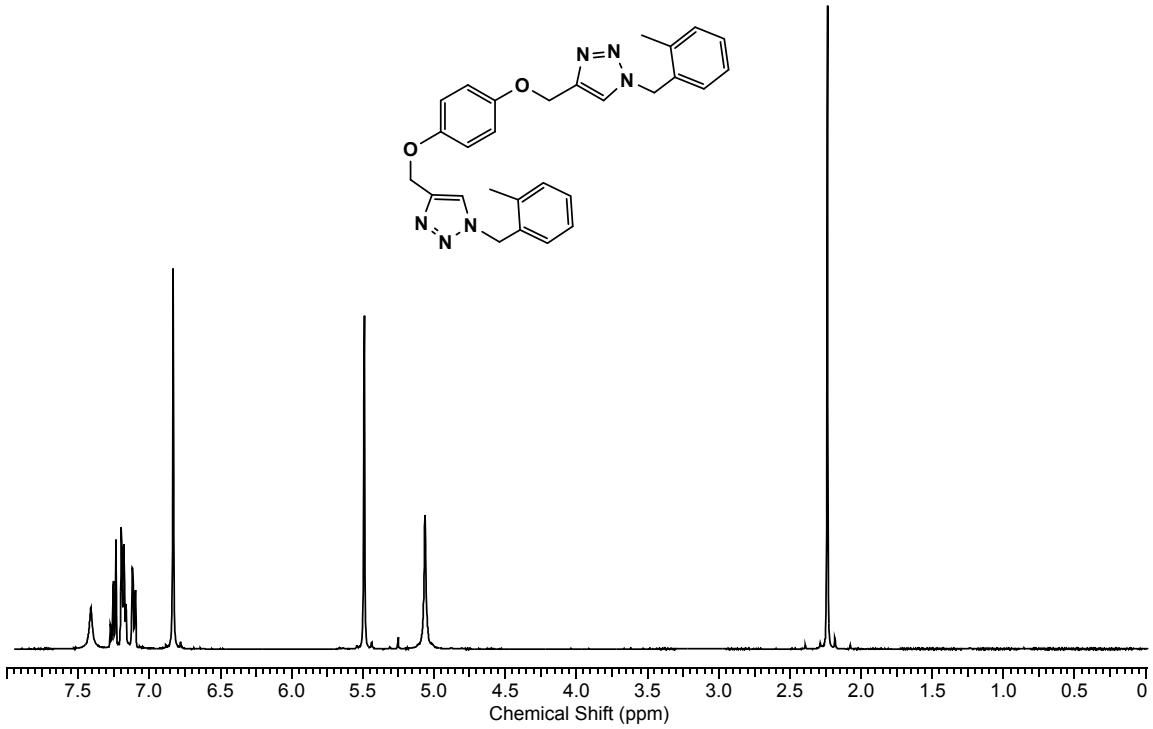

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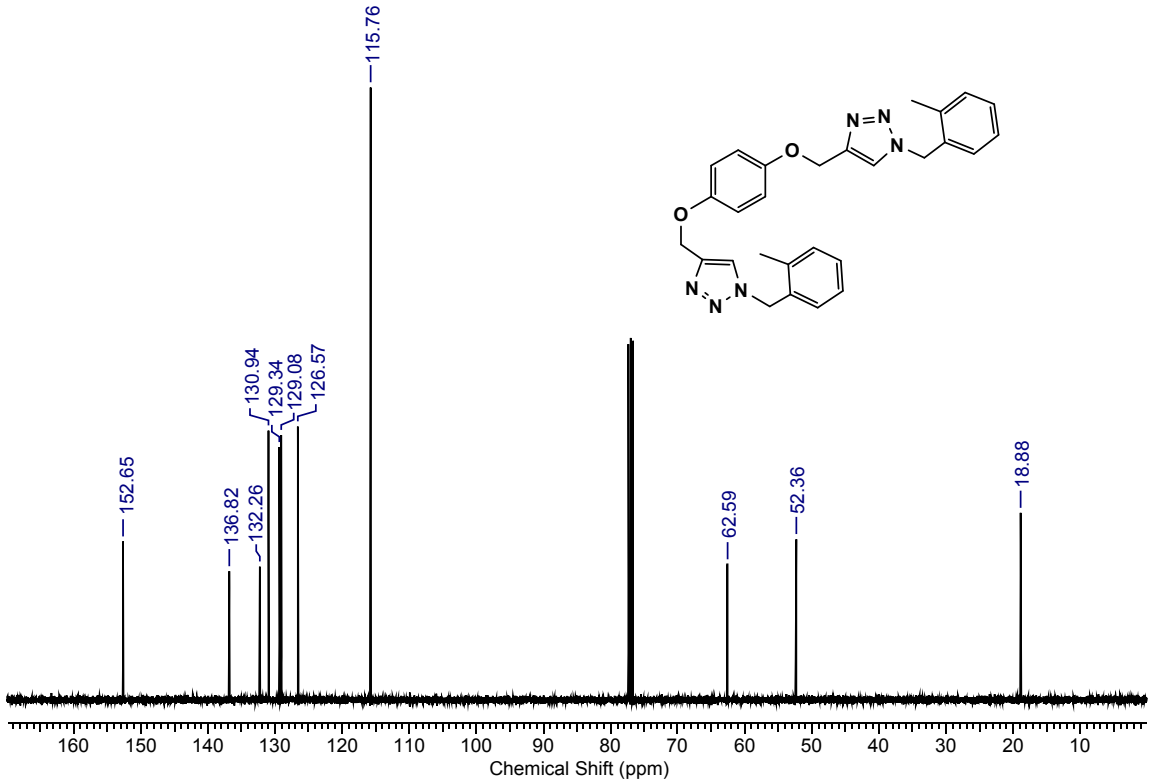

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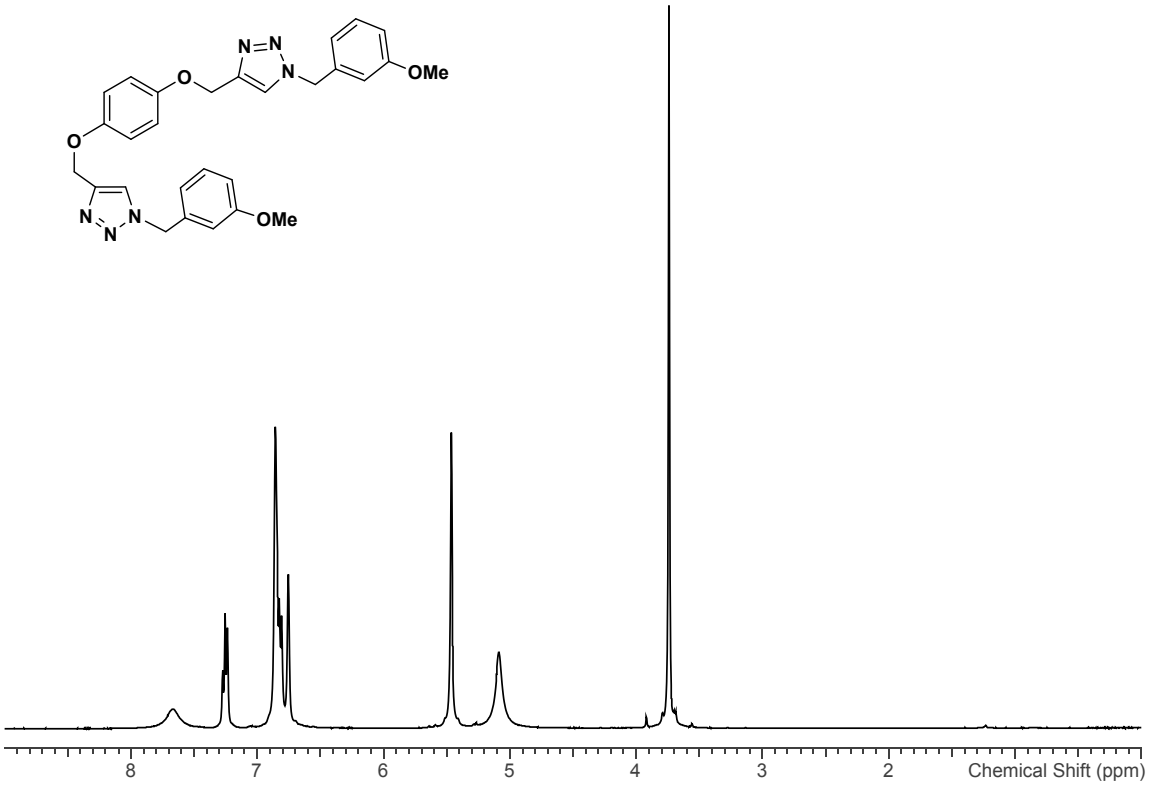

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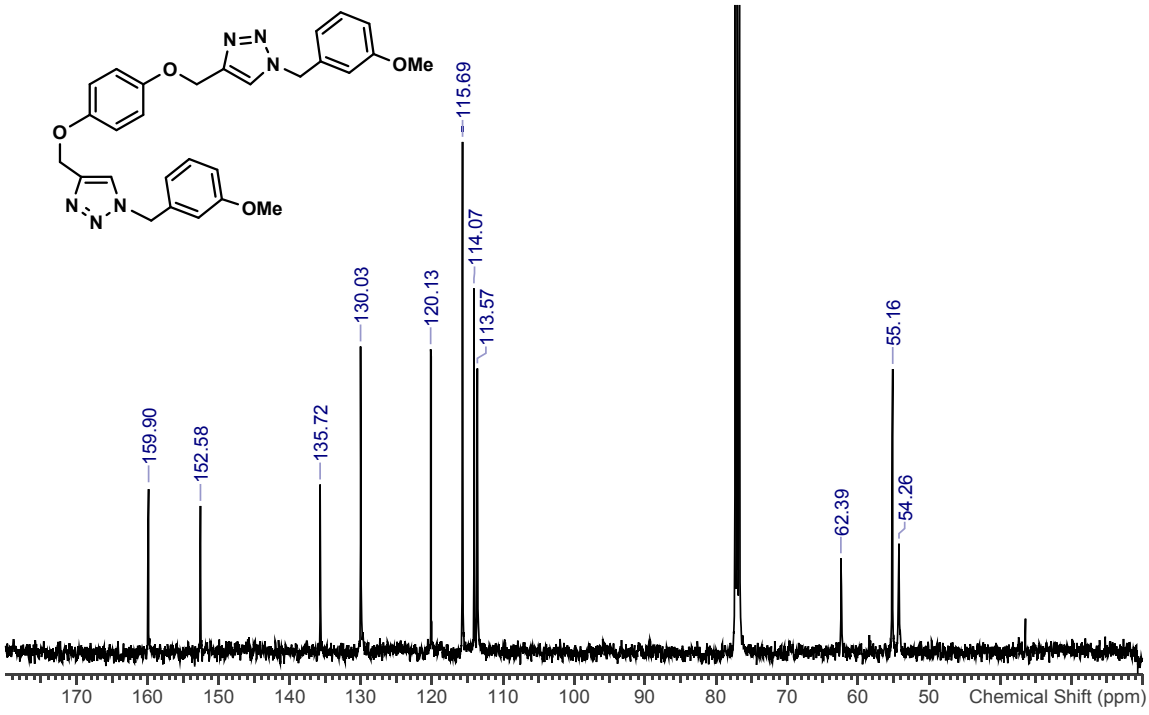

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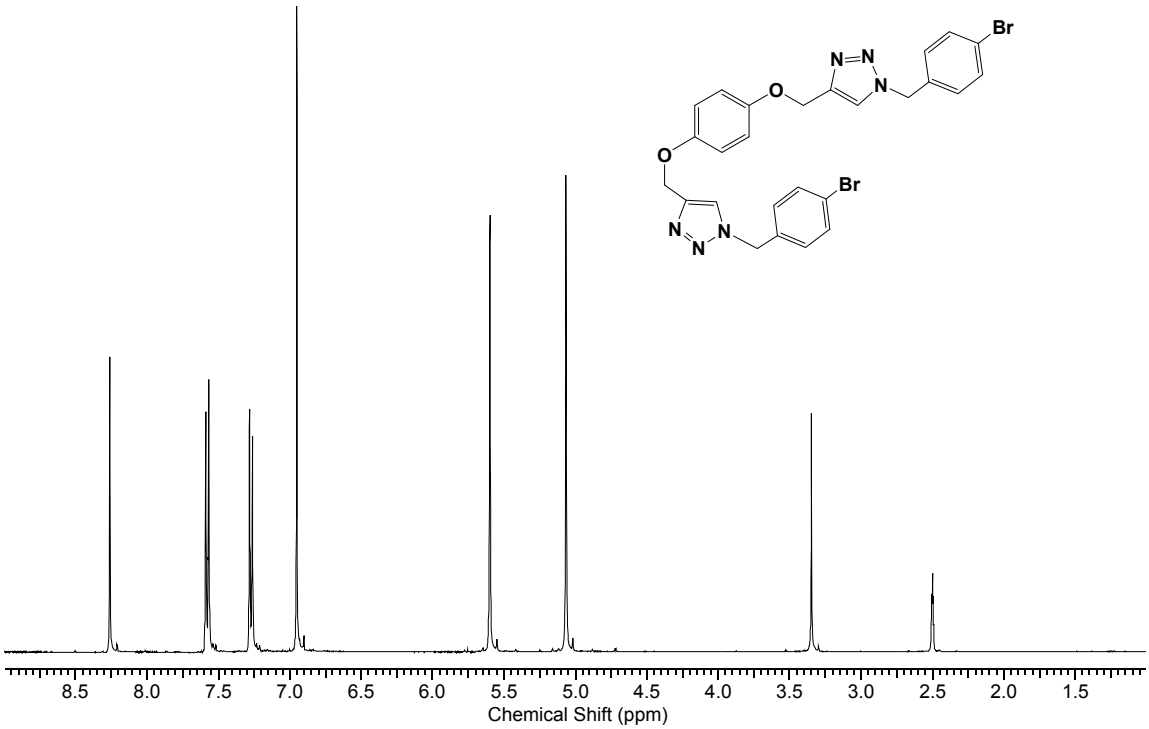

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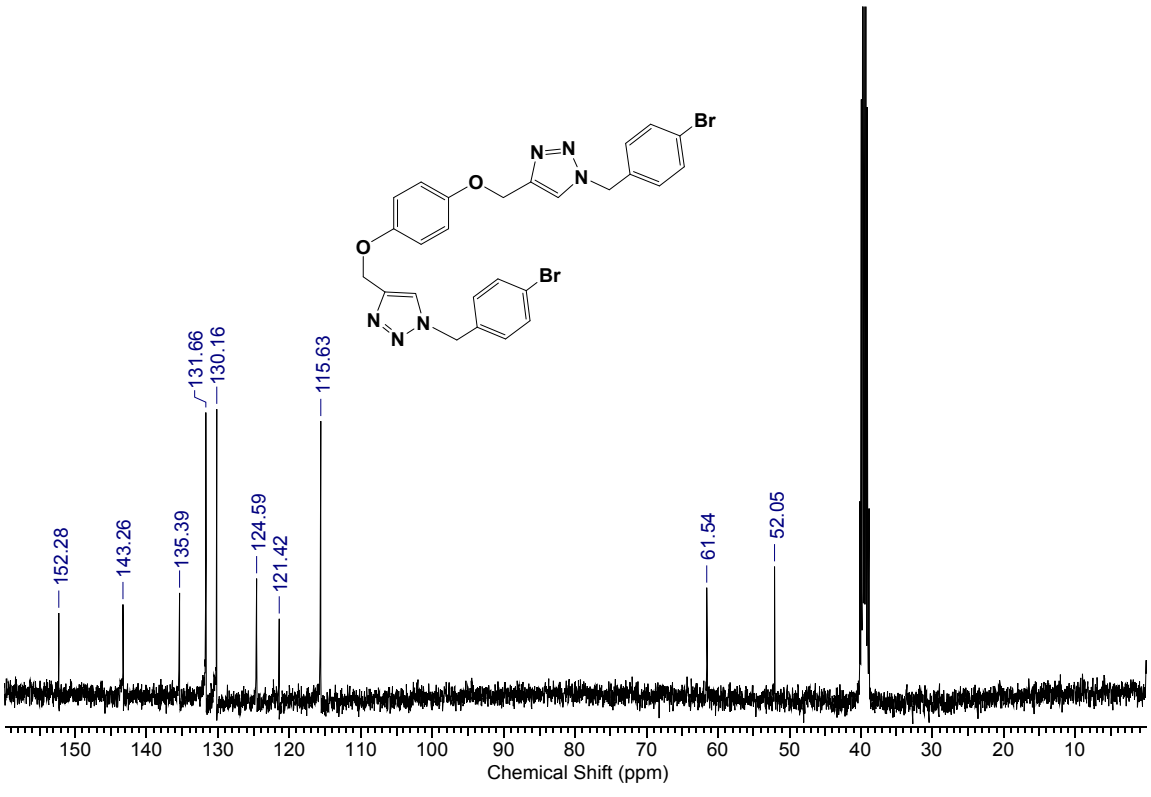

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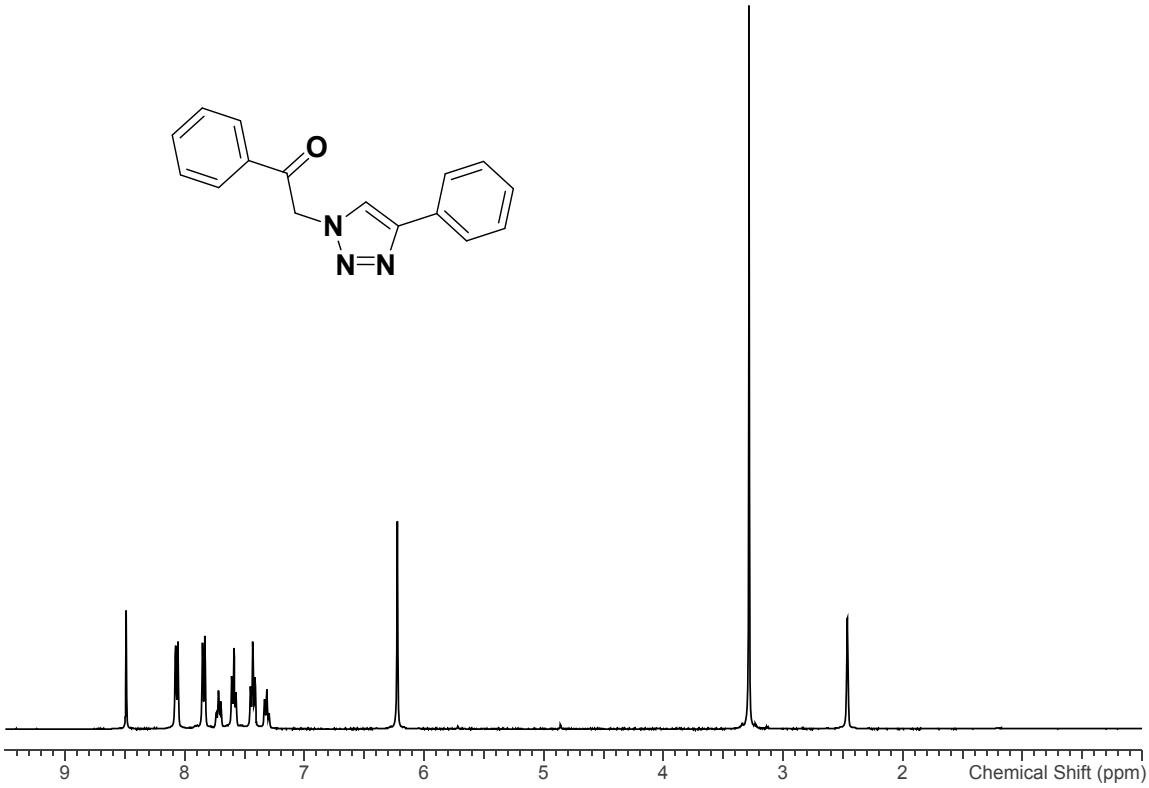

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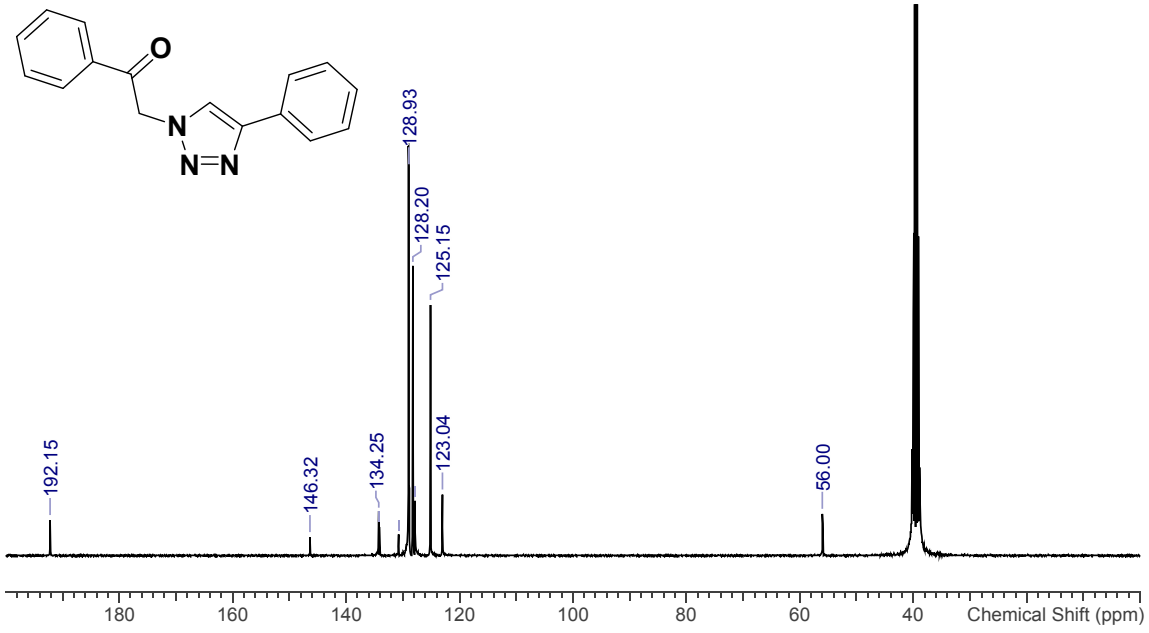

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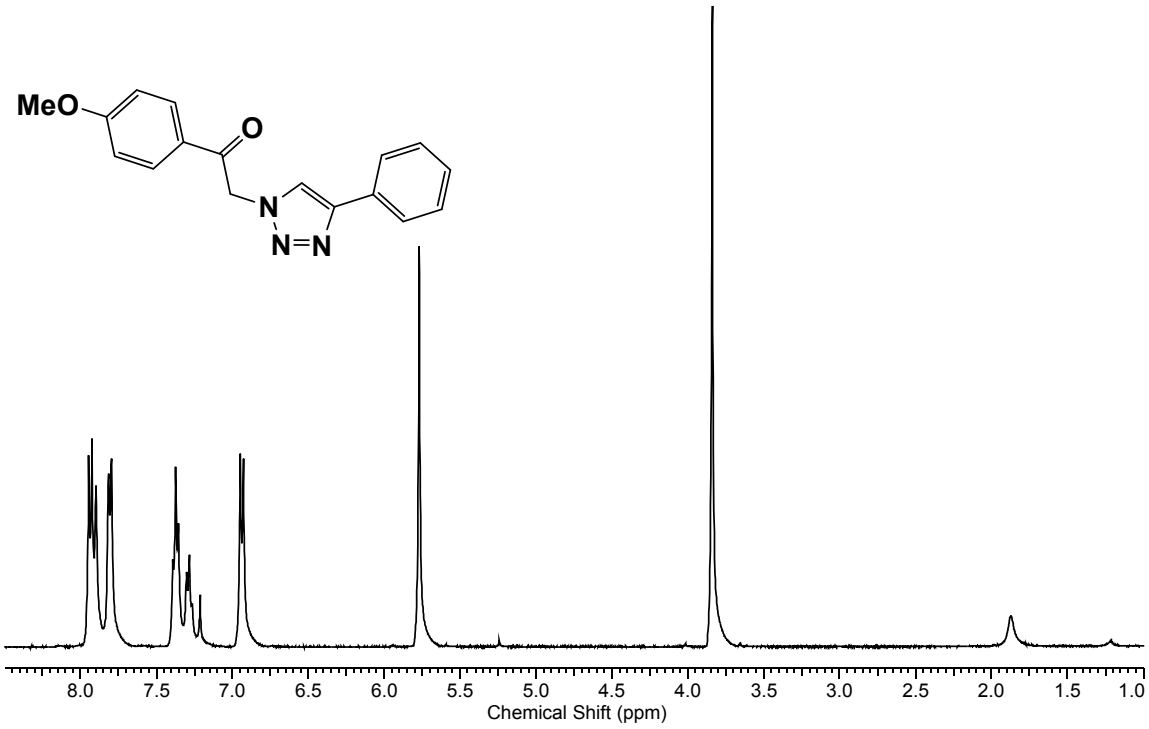

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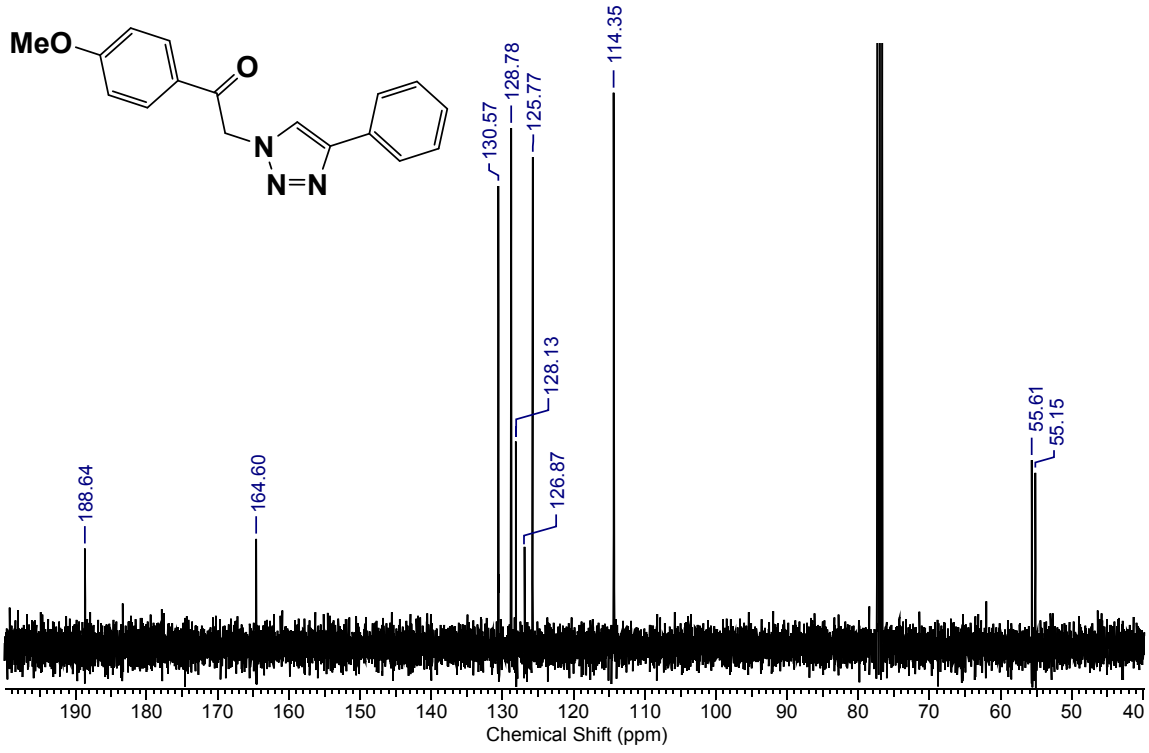

^{13}C-NMR spectrum of **triazole 36c**.