

## **Supporting Information**

for

# **Synthesis and NMR-studies of malonyl-linked glycoconjugates of *N*-(2-aminoethyl)glycine. Building blocks for the construction of combinatorial glycopeptide libraries**

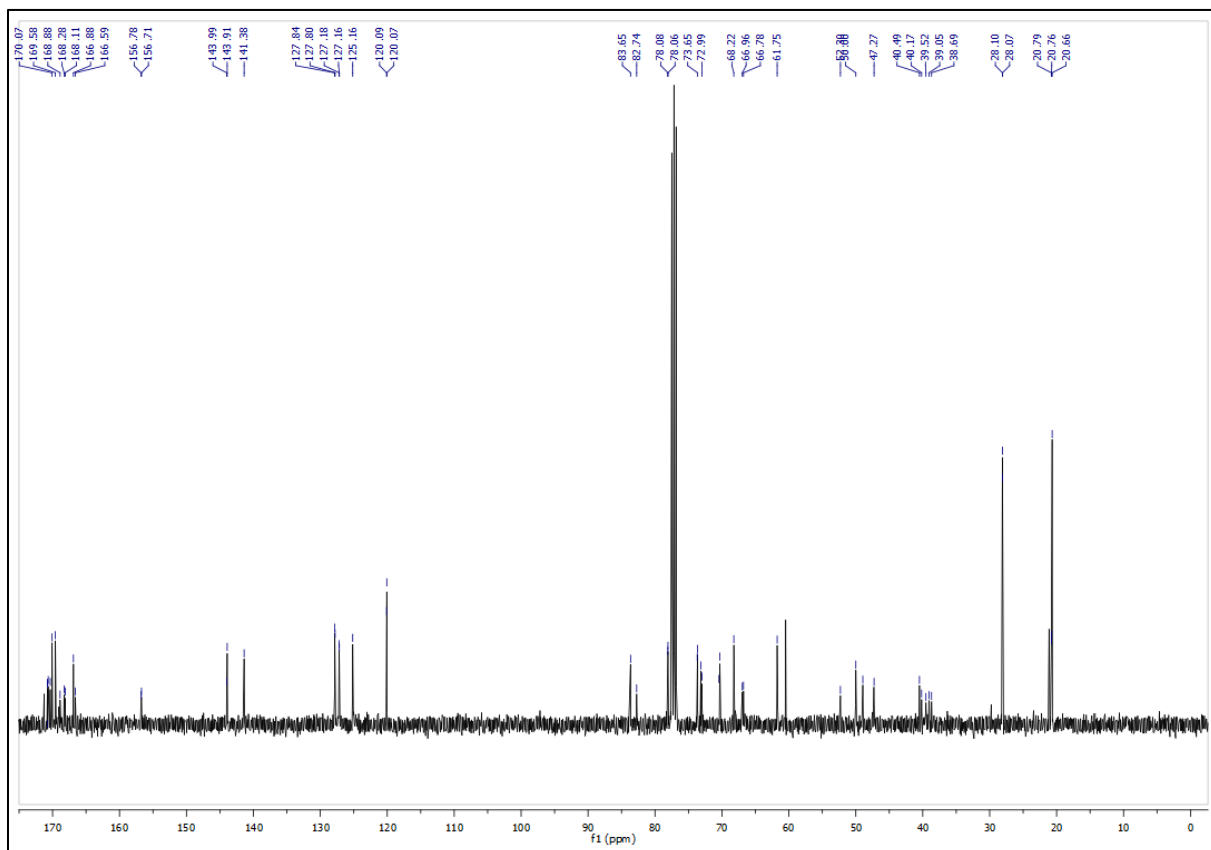
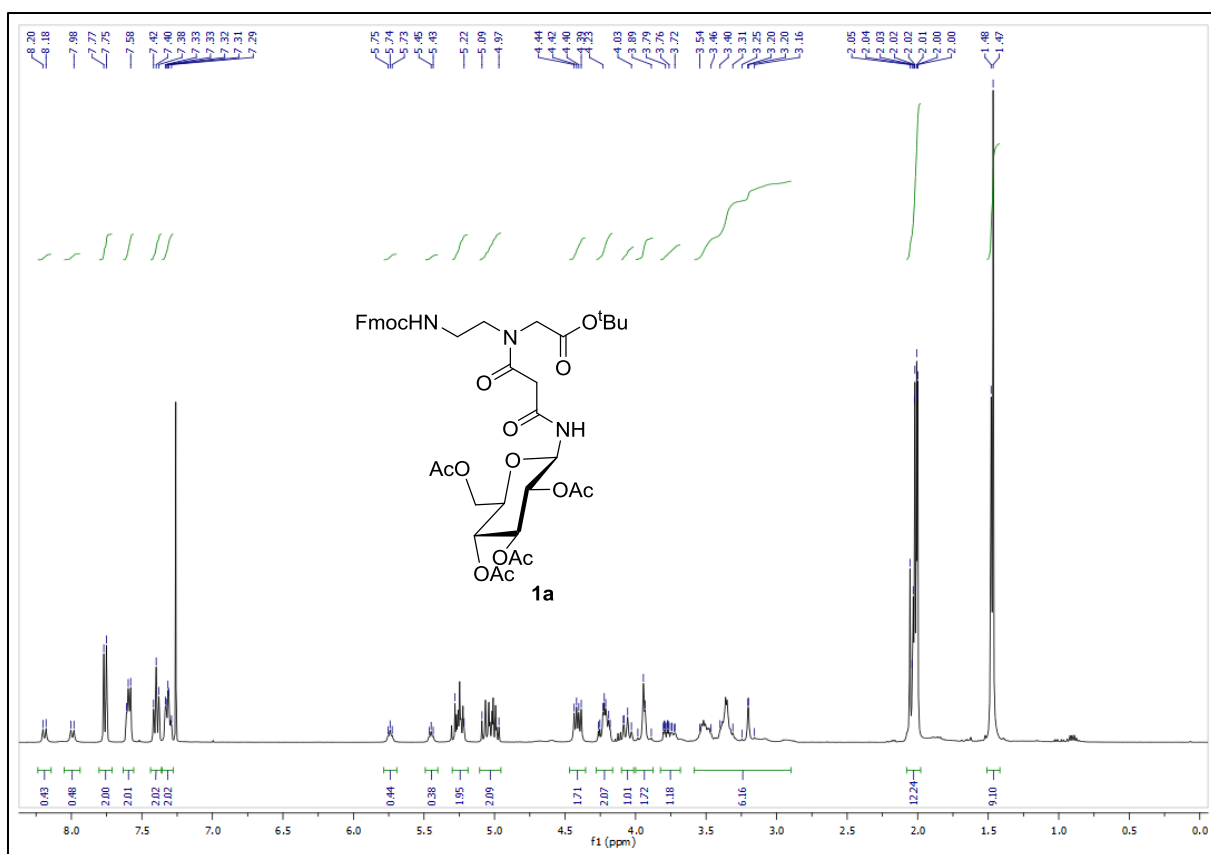
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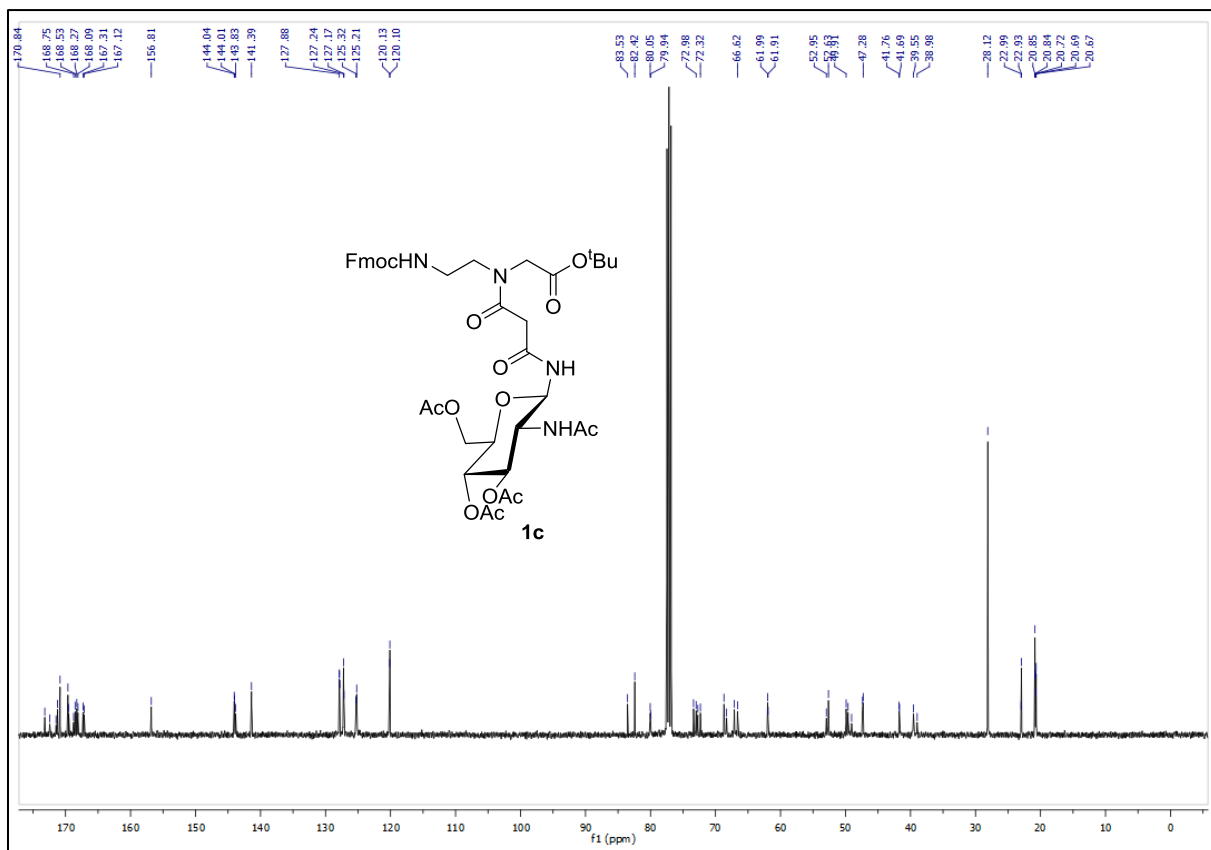
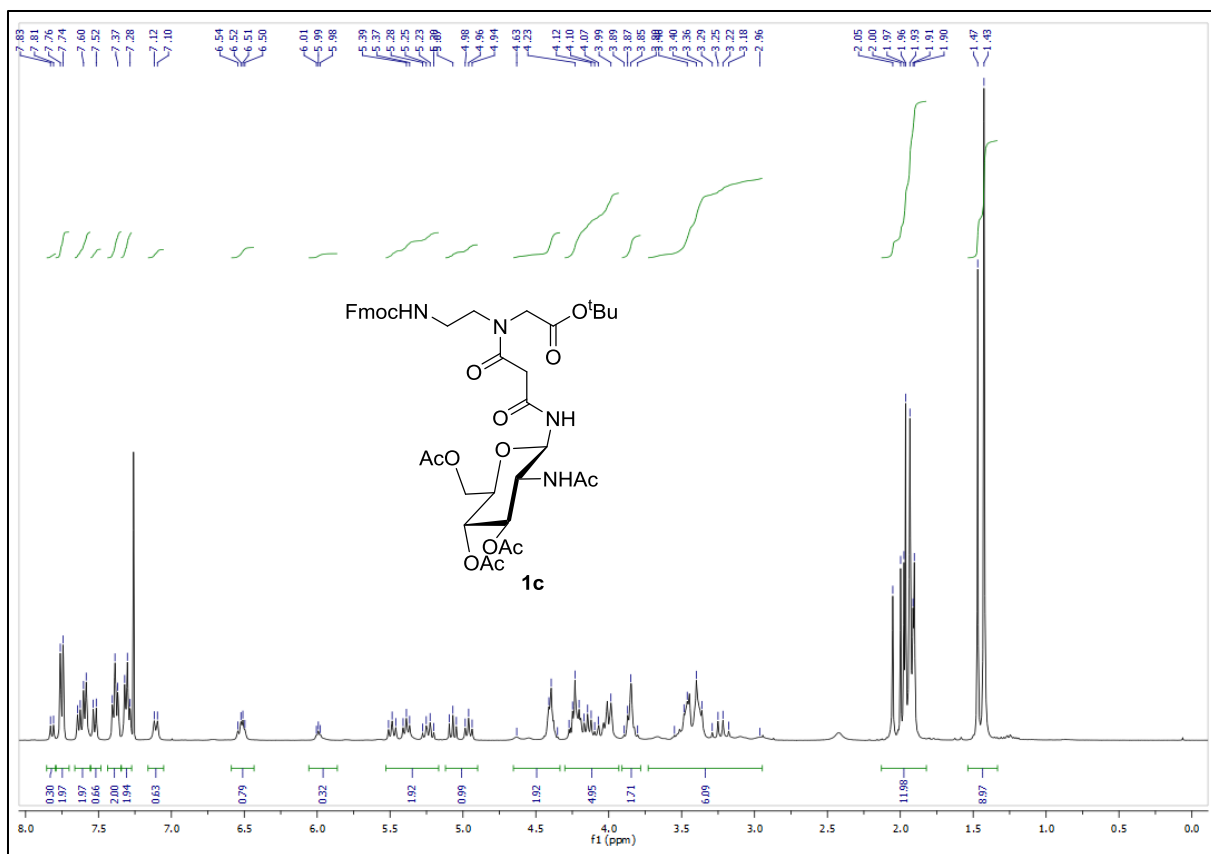
Email: Thomas Ziegler - [thomas.ziegler@uni-tuebingen.de](mailto:thomas.ziegler@uni-tuebingen.de)

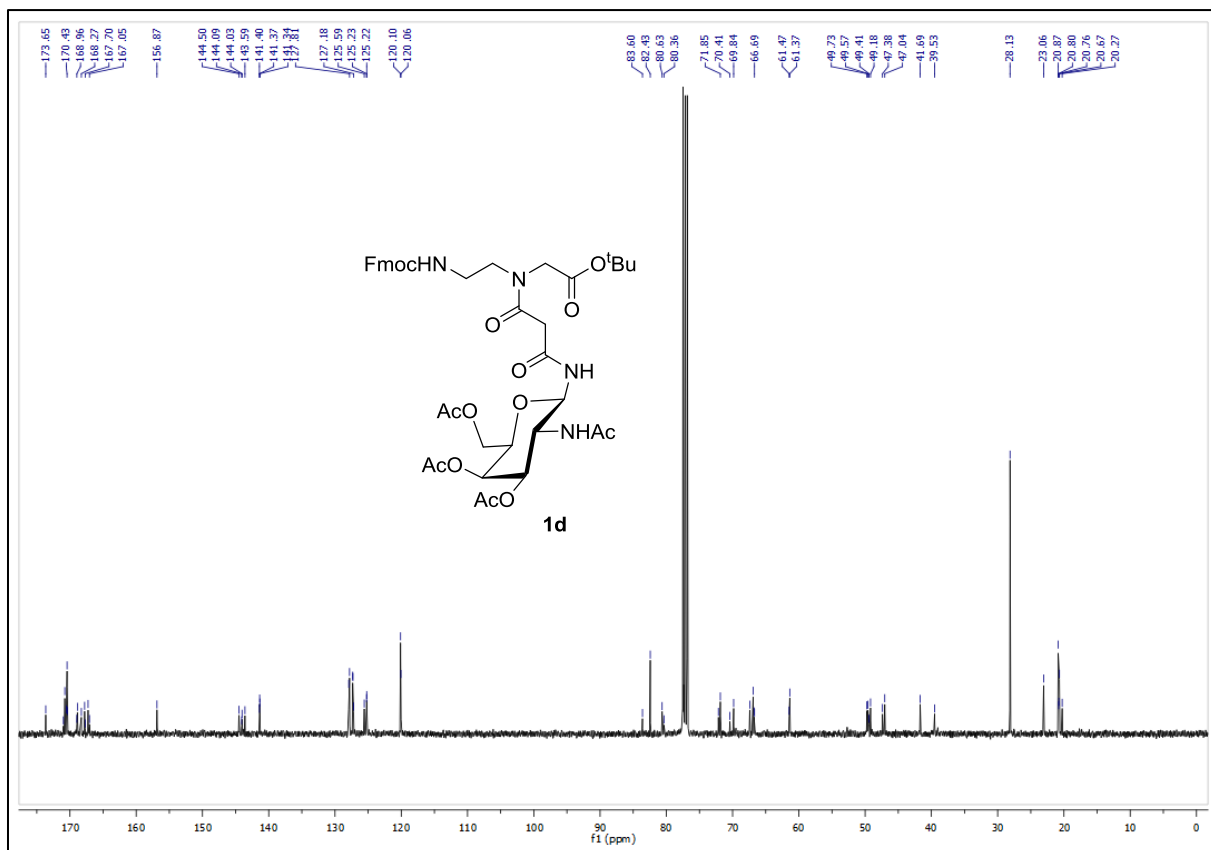
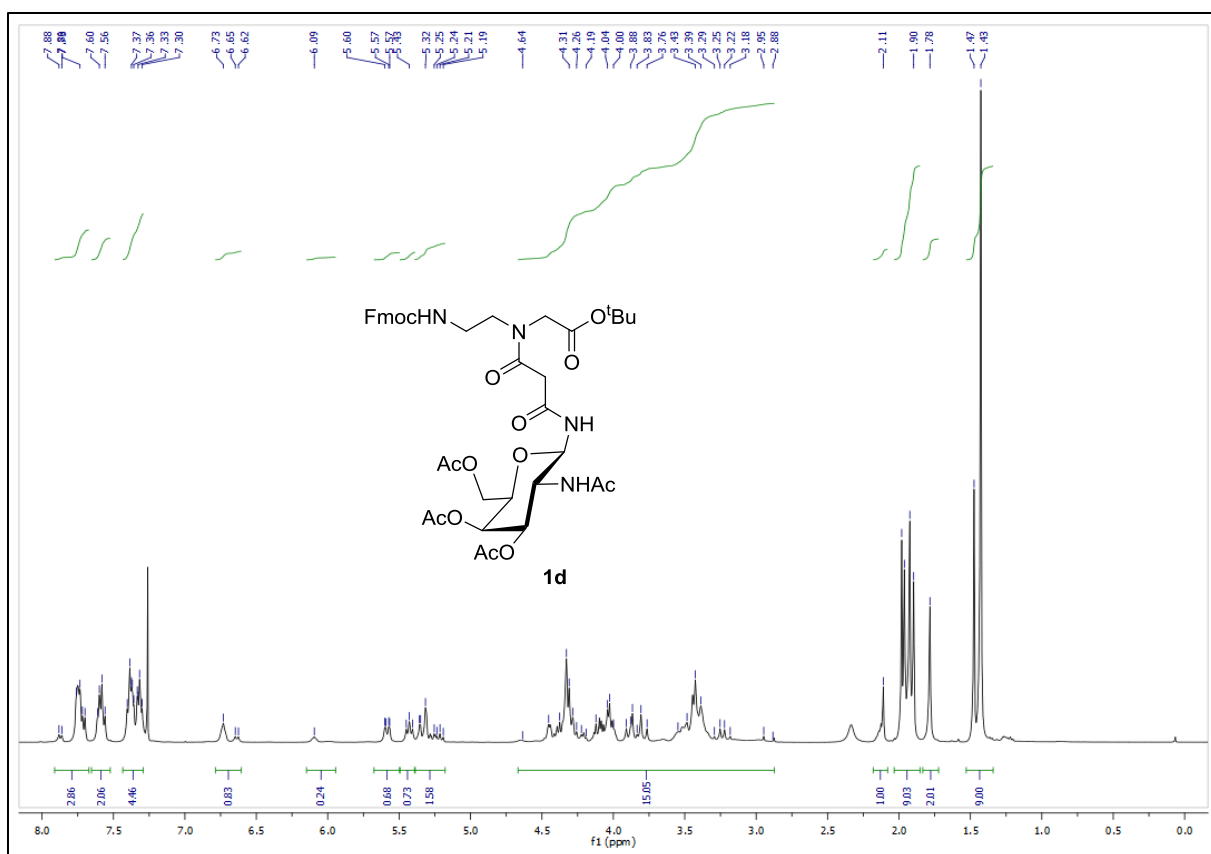
<sup>\*</sup>Corresponding author

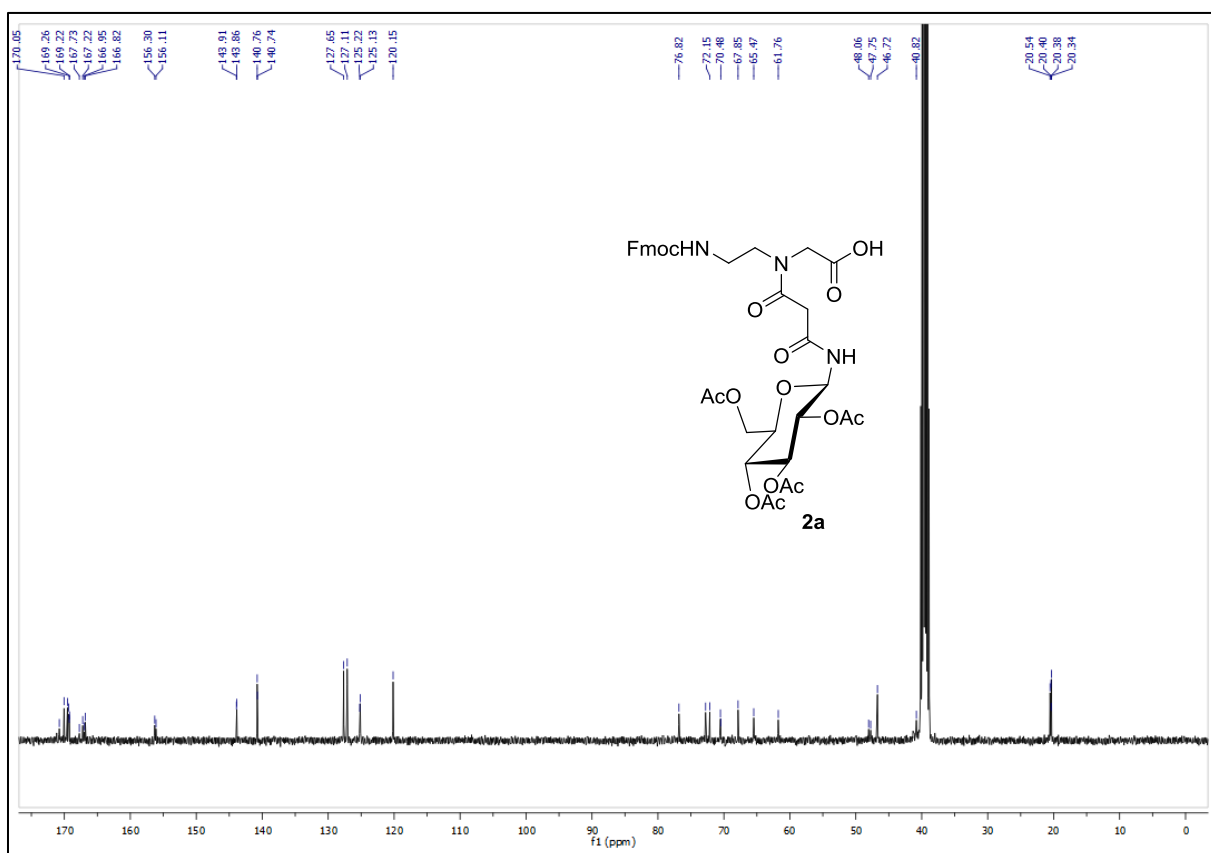
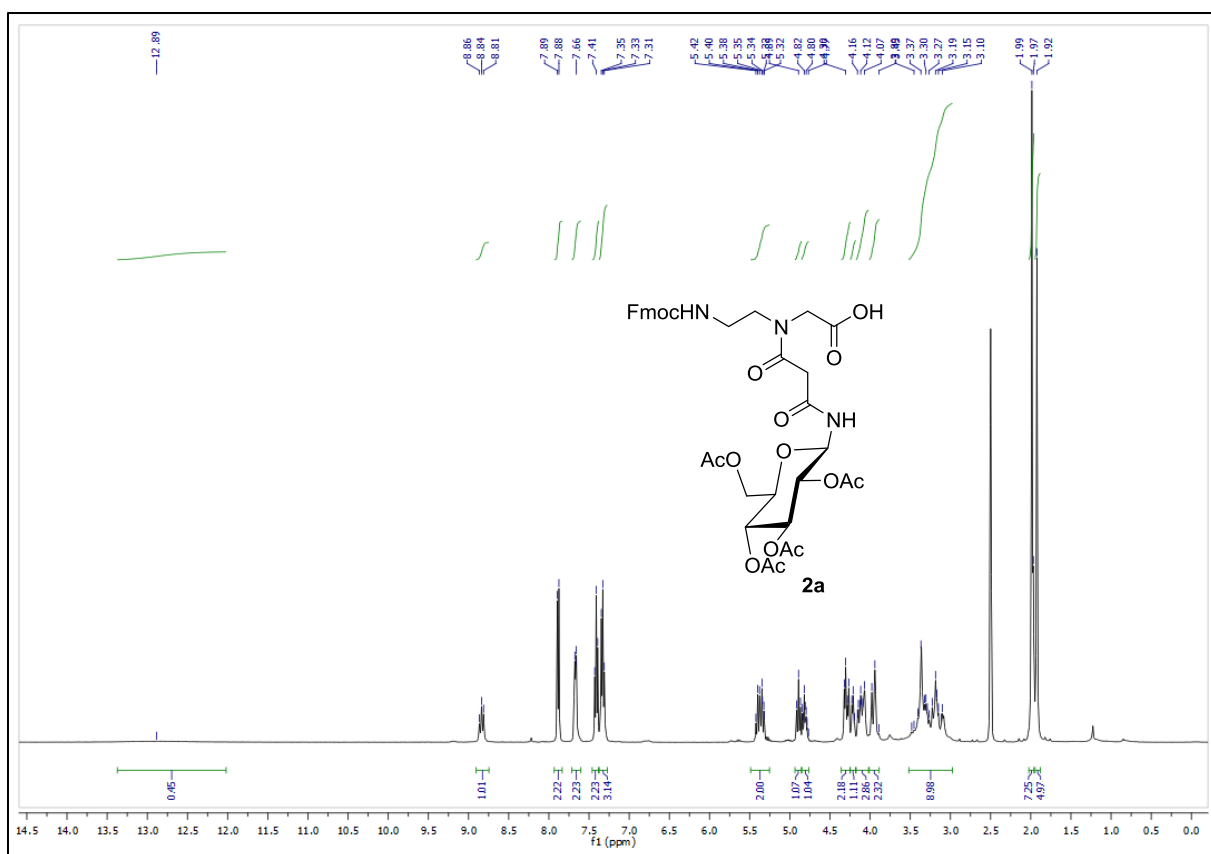
## **NMR spectra of building blocks 1a–d, 2a–d, 3, 4 and 7; 2D NMR spectra of building block 1a**

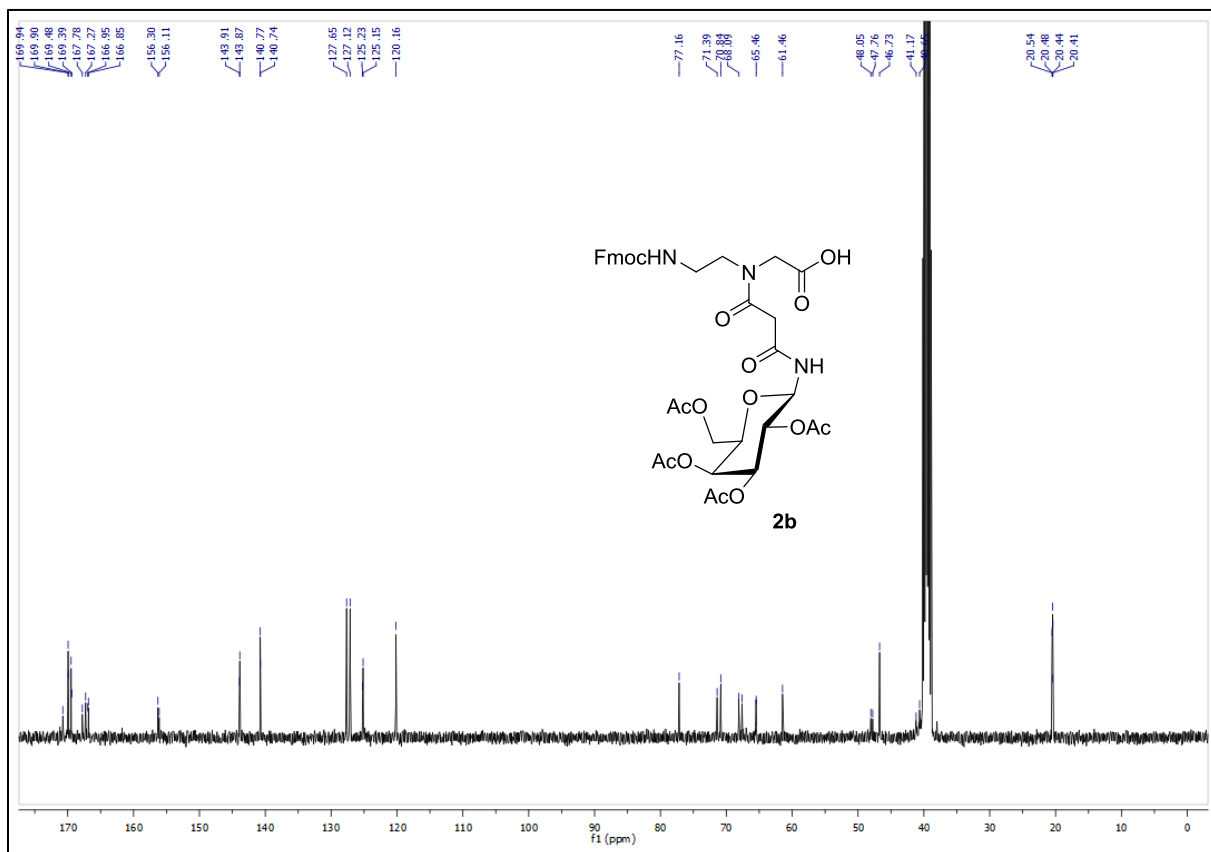
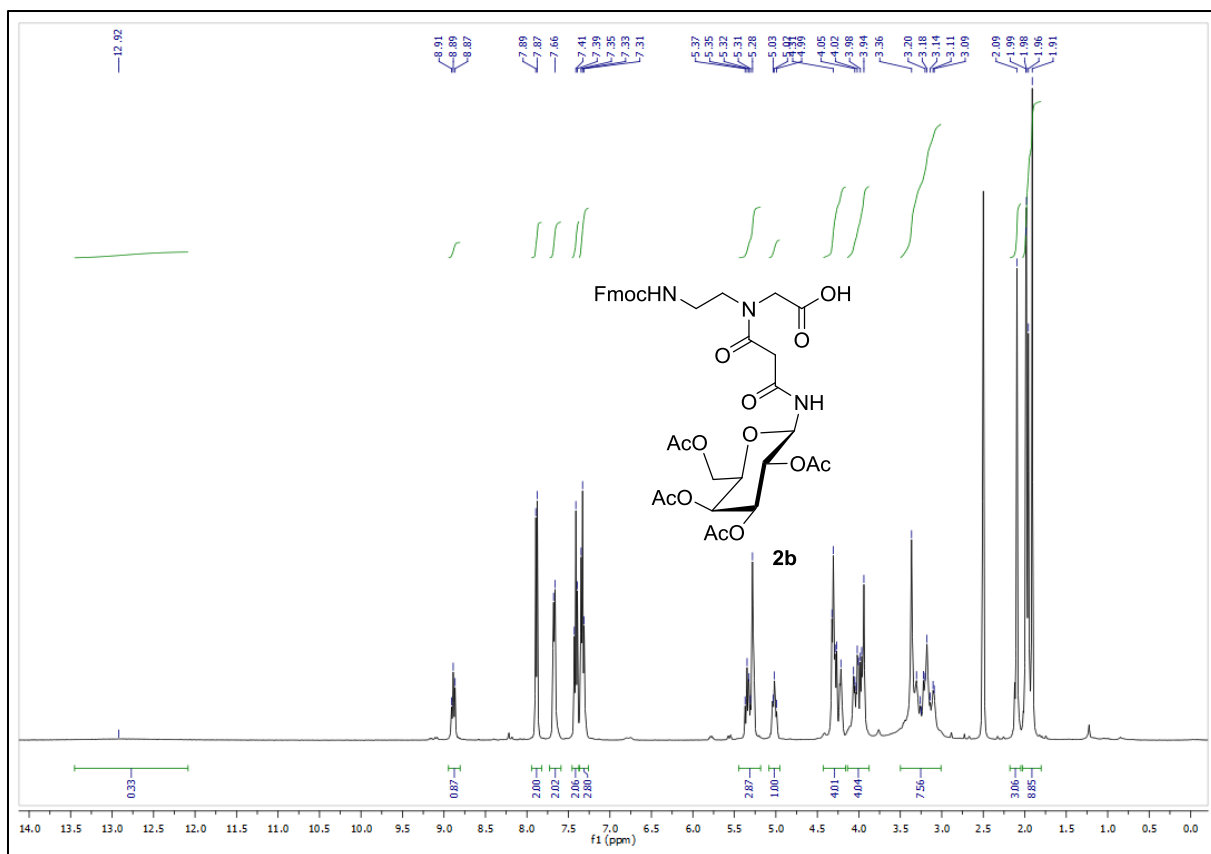


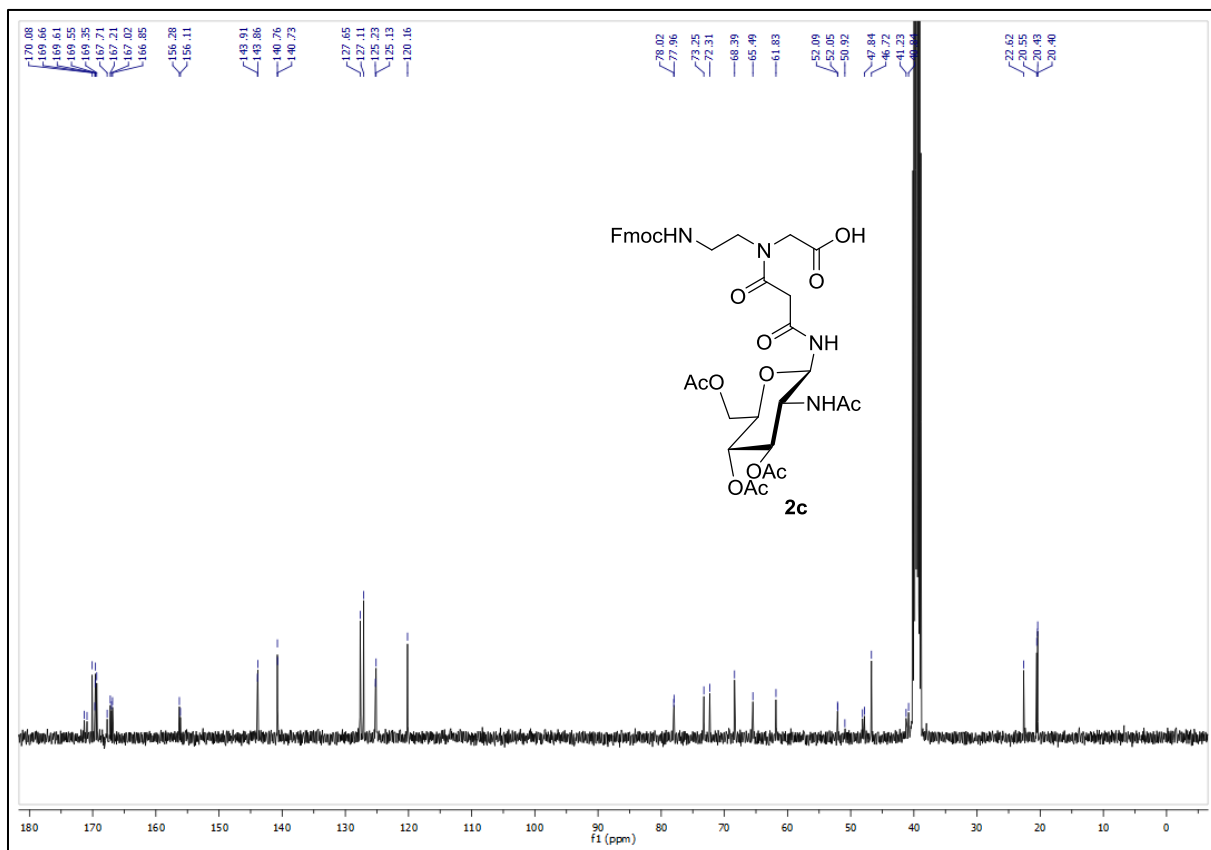
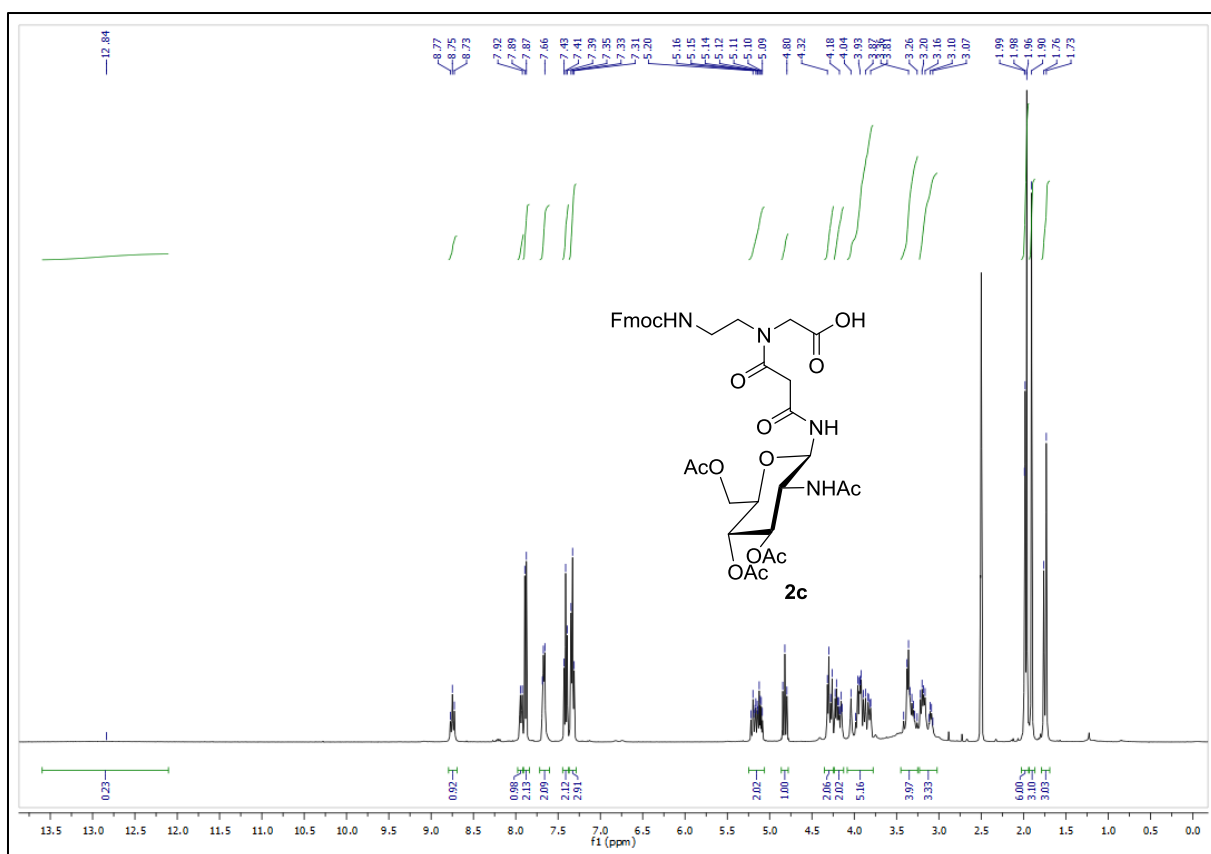


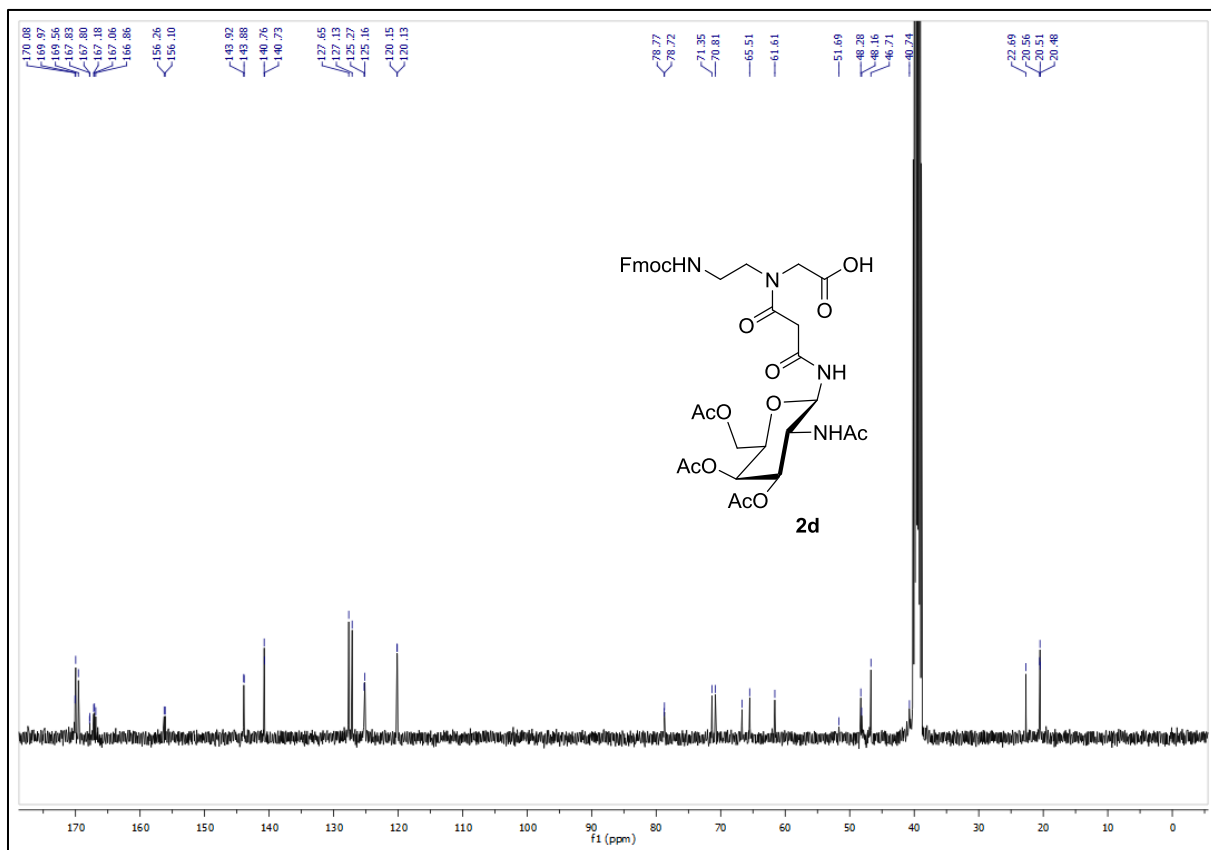
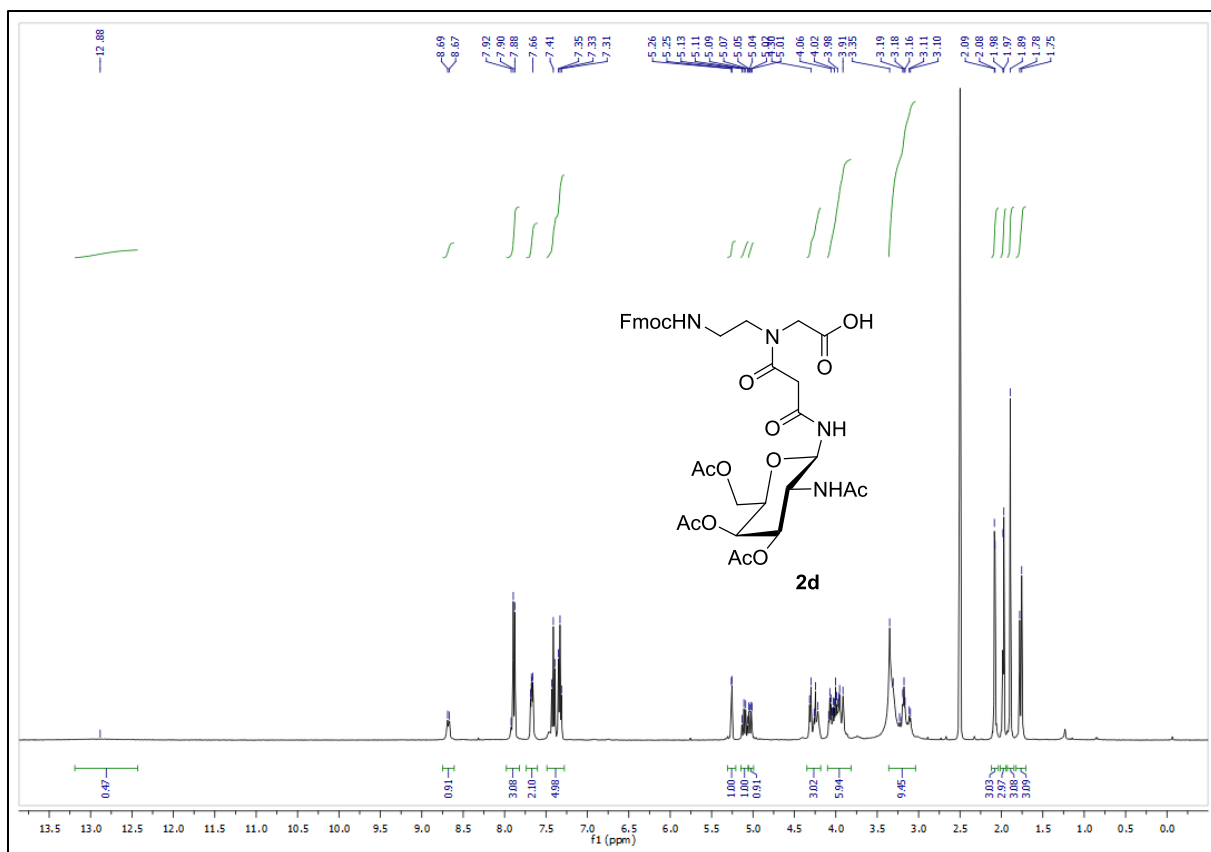


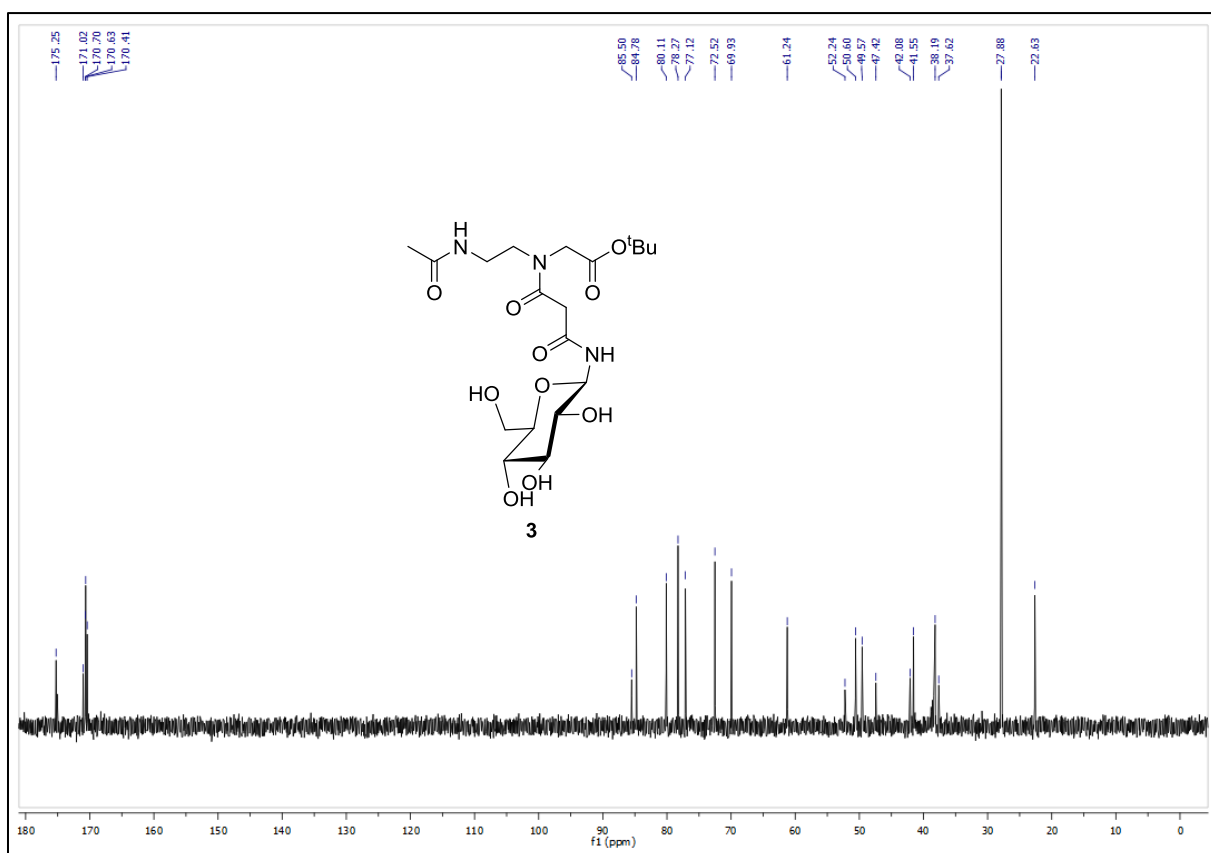
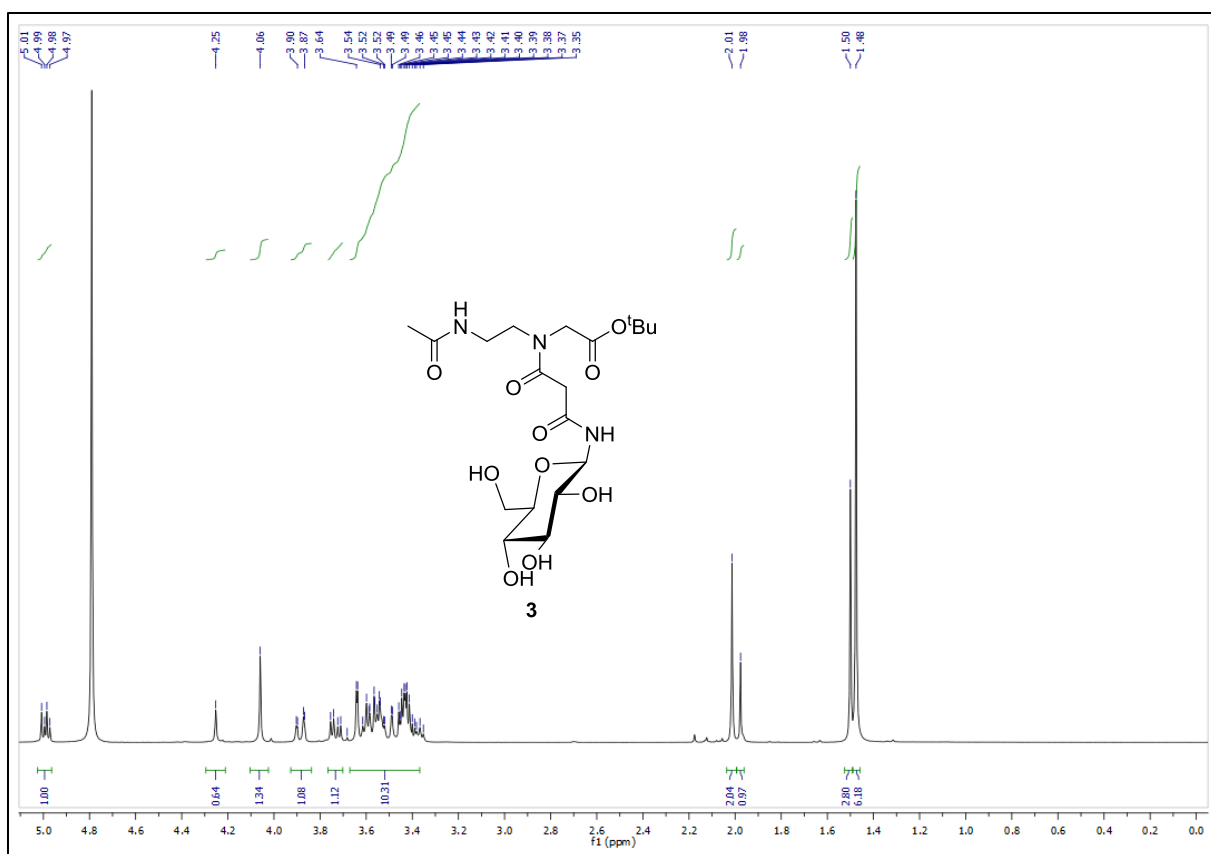


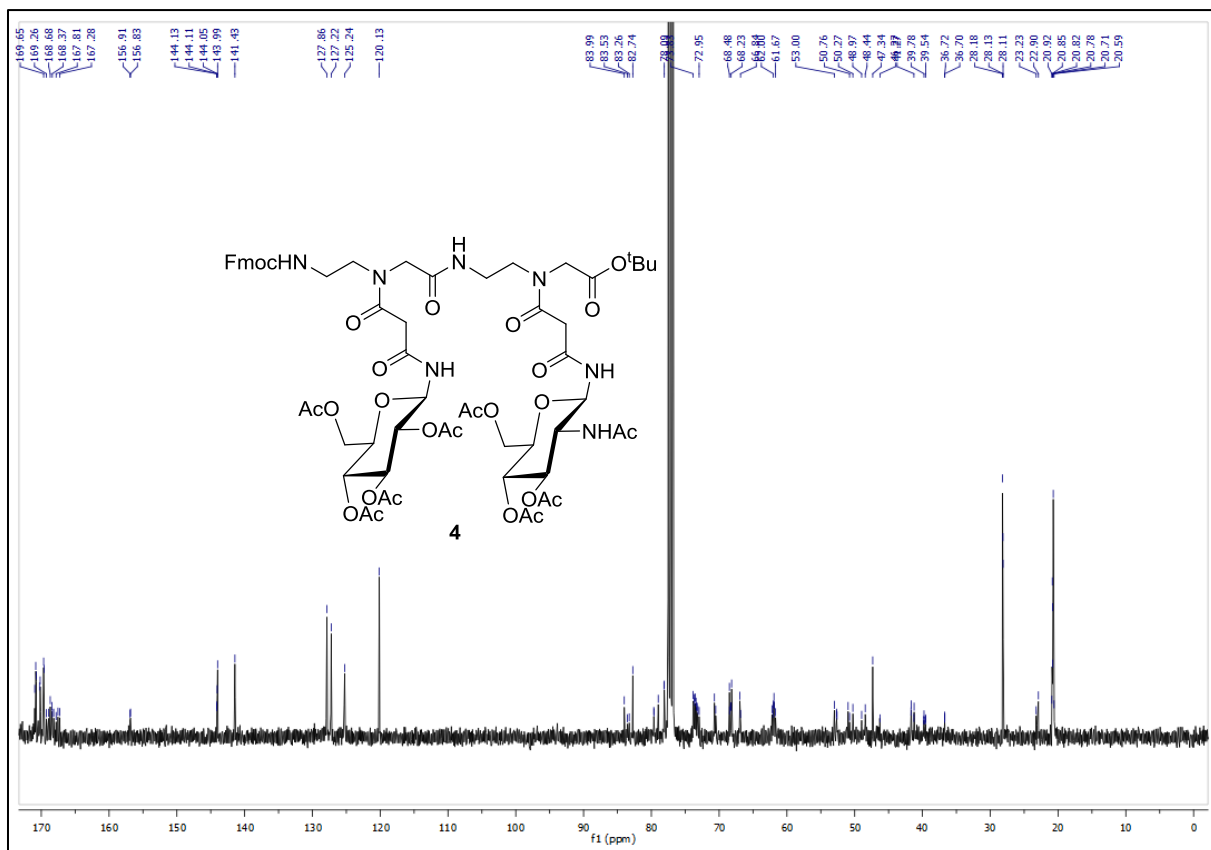
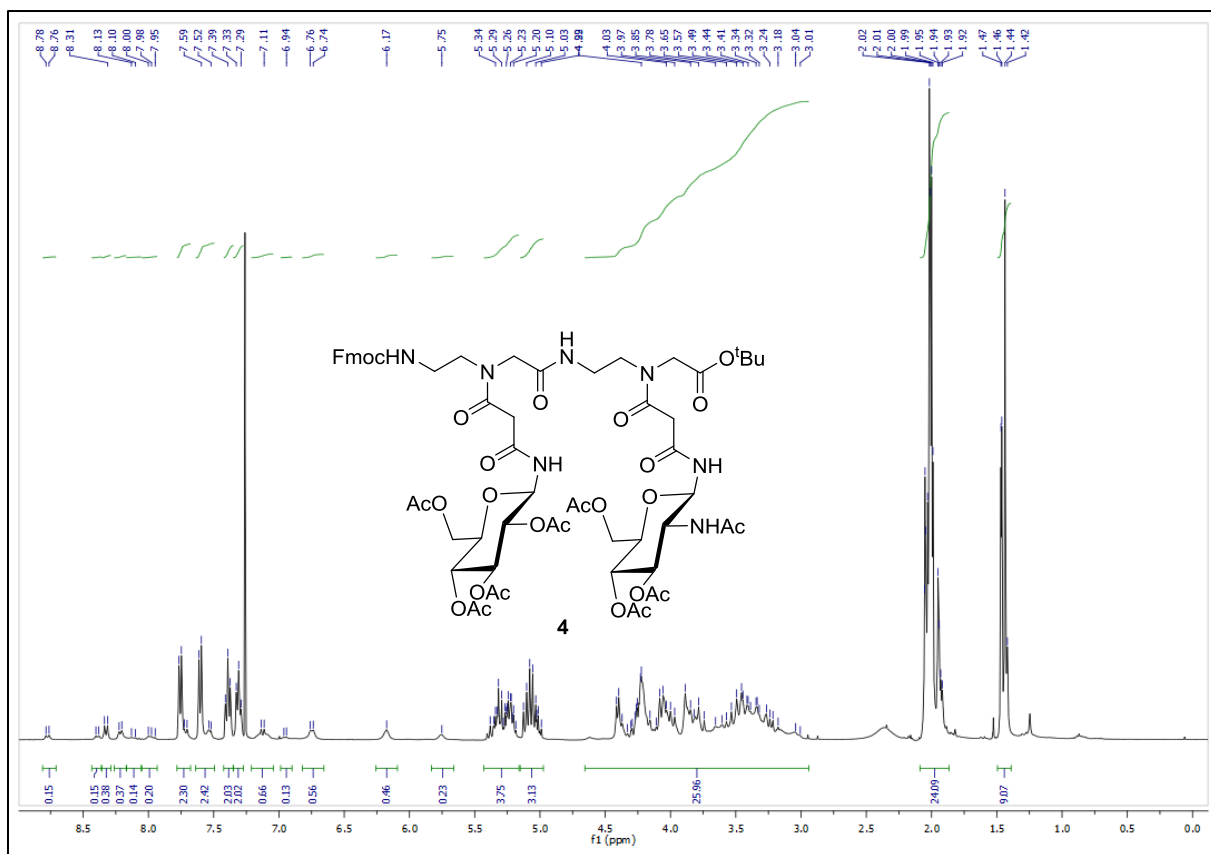


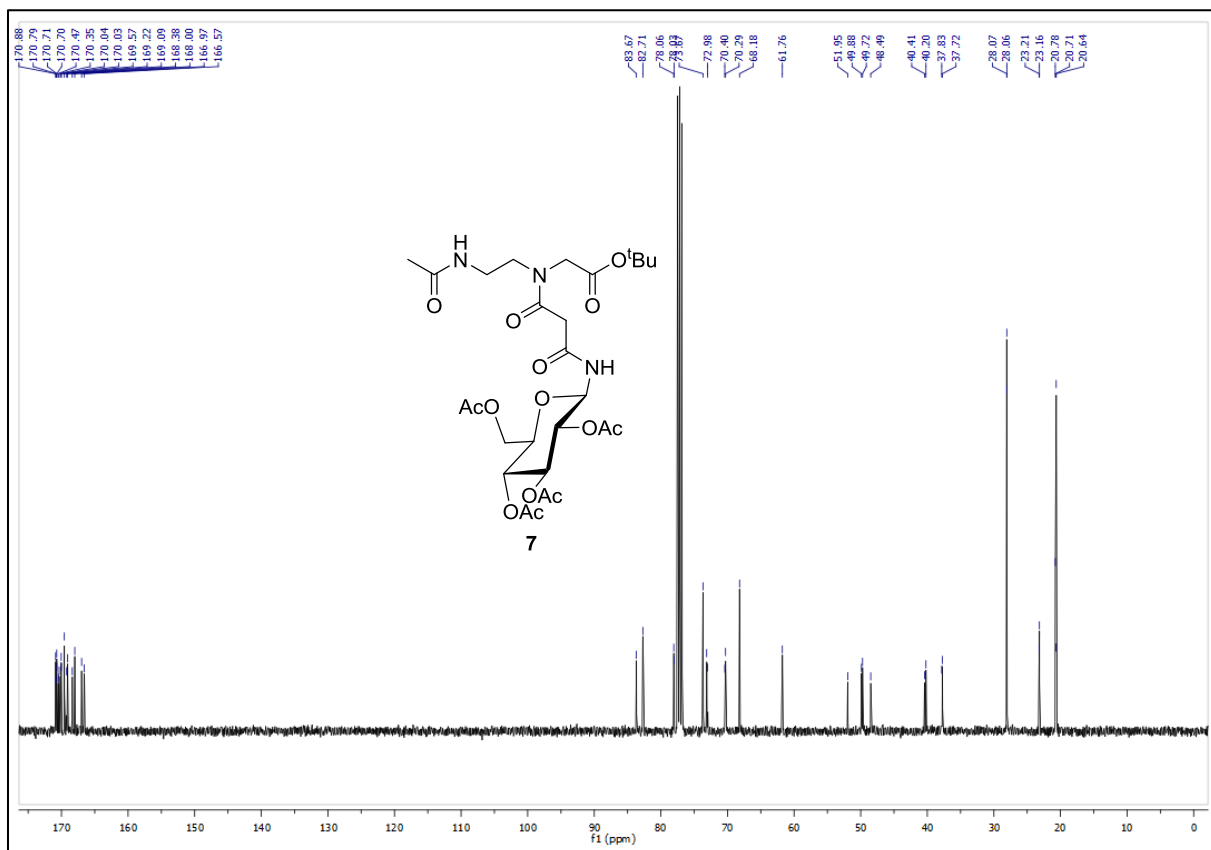
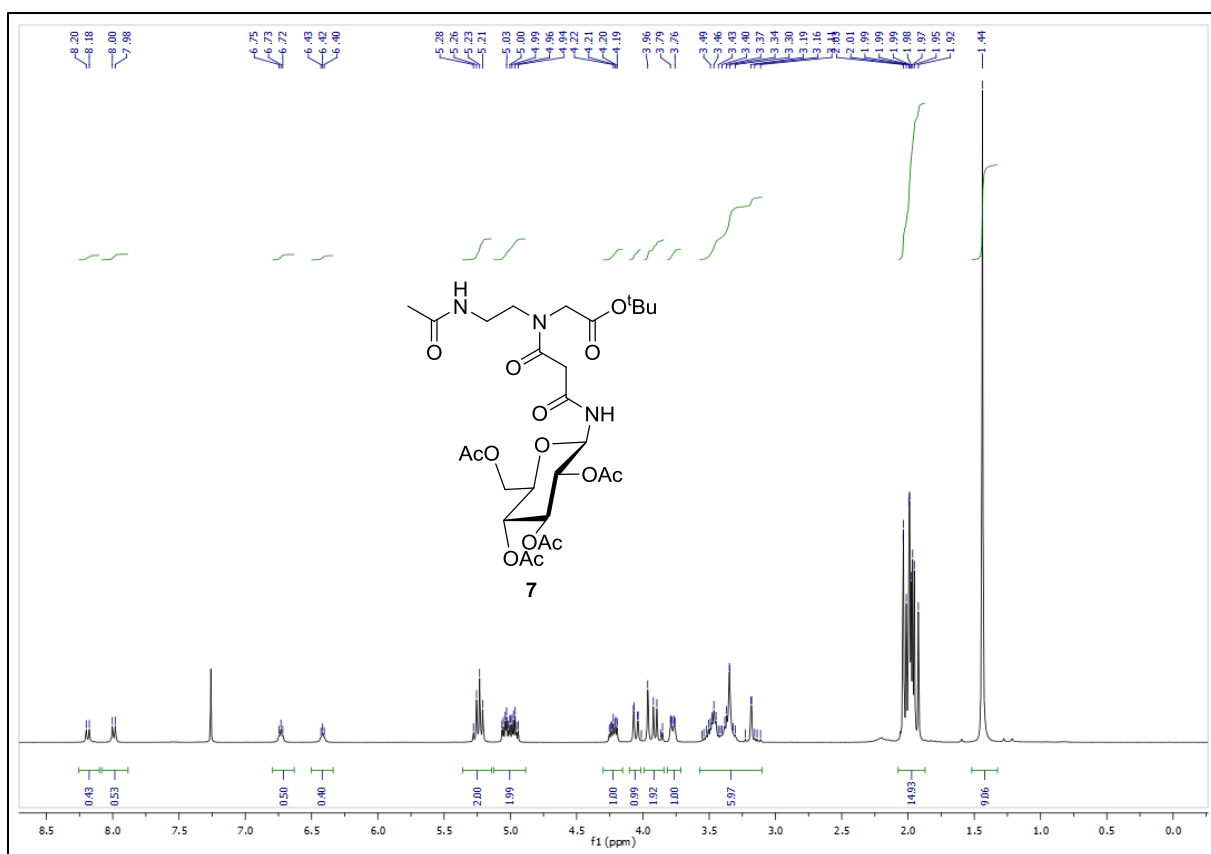




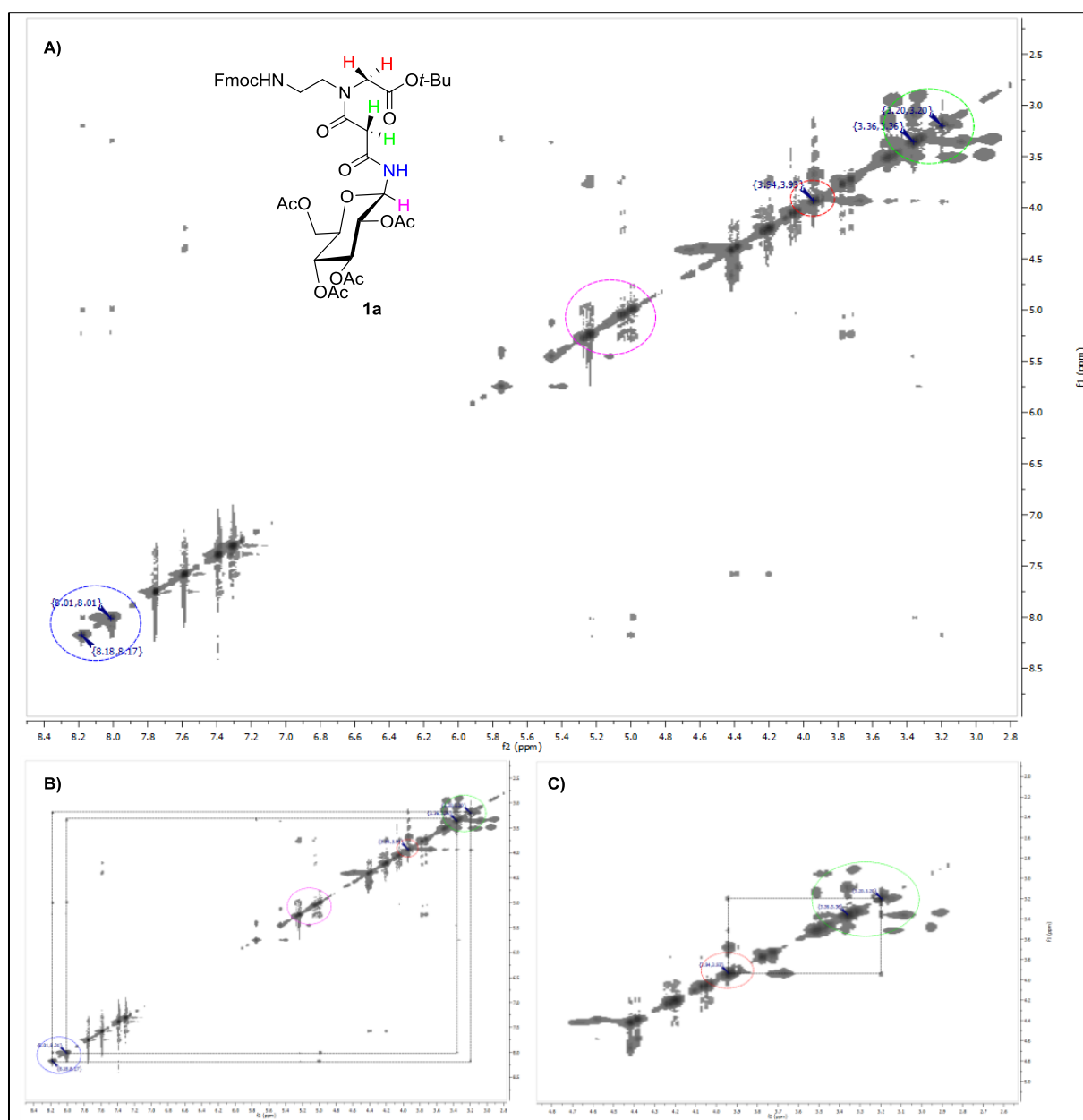








## 2D NMR Spectra of building block 1a



**A)** 2D-NOESY (600 MHz;  $\tau_m = 450$  ms) spectrum of building block **1a** in  $\text{CDCl}_3$ ; **B)** Crosspeaks of the amidic doublets (blue) and the malonyl protons (green); **C)** Crosspeaks of the methylene protons of the PNA backbone (red) and the malonyl protons (green).