

SUPPORTING INFORMATION

α -N-LINKED GLYCOPEPTIDES: CONFORMATIONAL ANALYSIS AND BIOACTIVITY AS LECTIN LIGANDS

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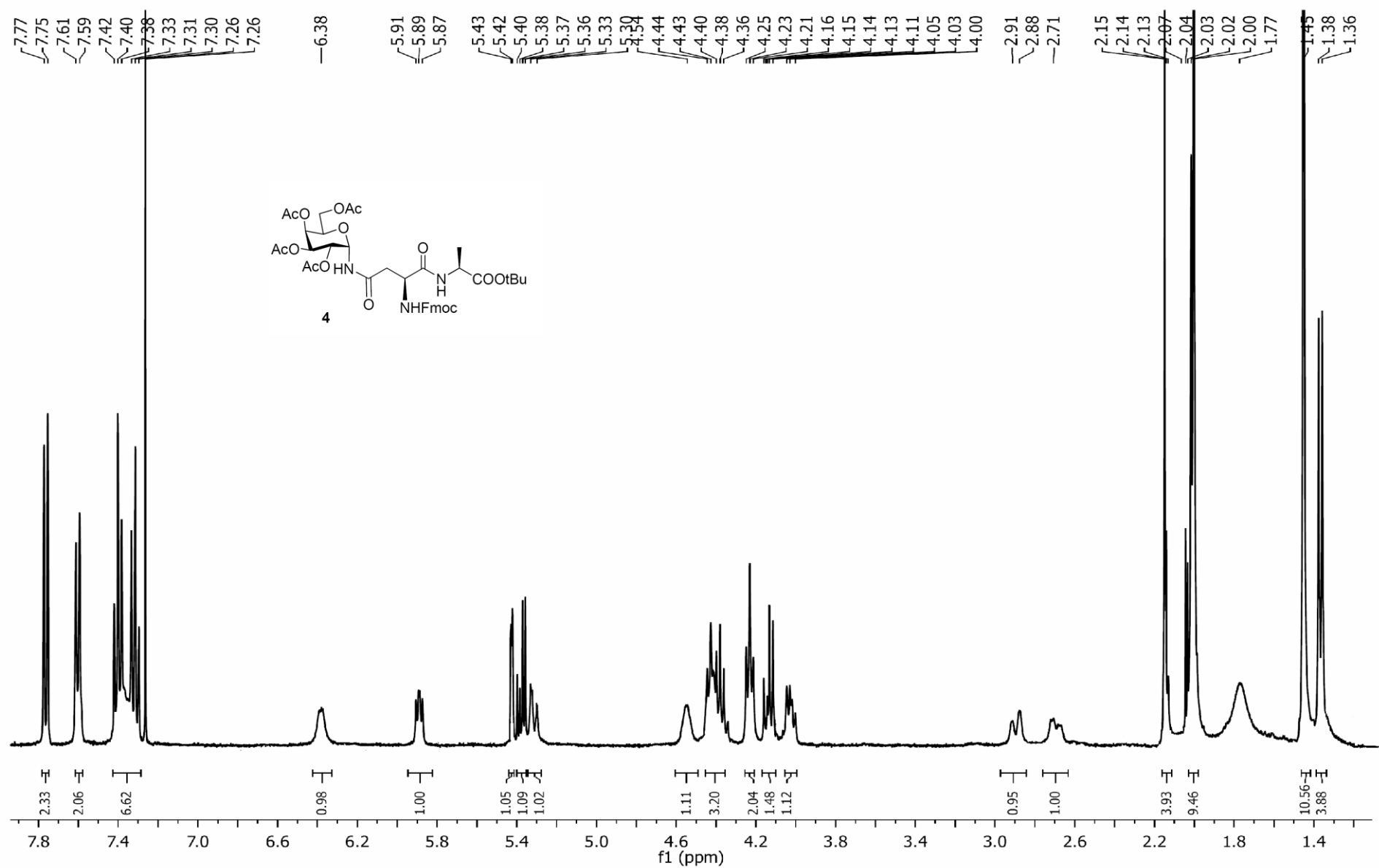
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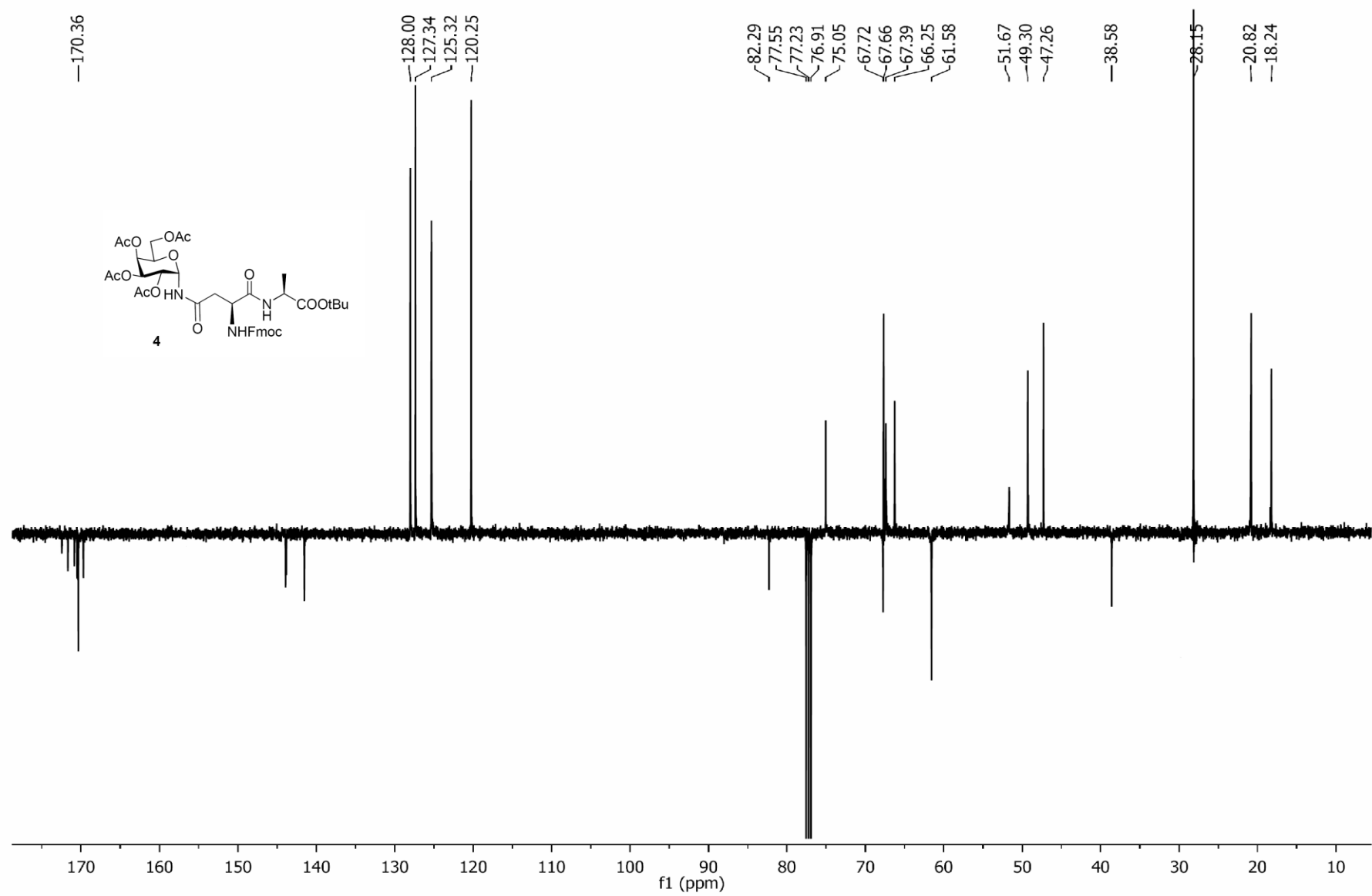
Sabine André,^c Hans-Joachim Gabius^c

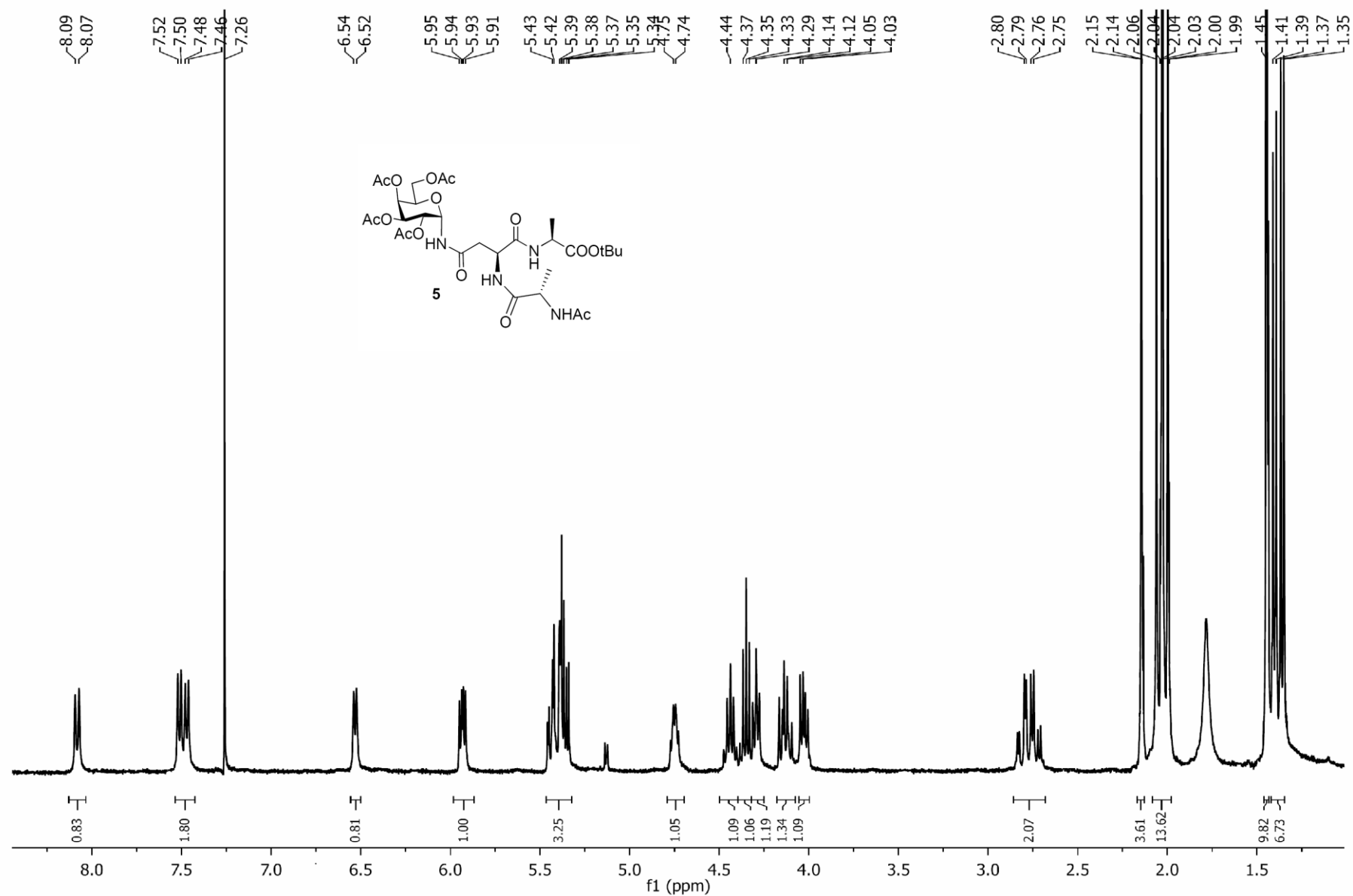
*^cInstitute of Physiological Chemistry, Faculty of Veterinary Medicine, Ludwig-Maximilians-
University Munich, Veterinärstr. 13, 80539, Munich, Germany*

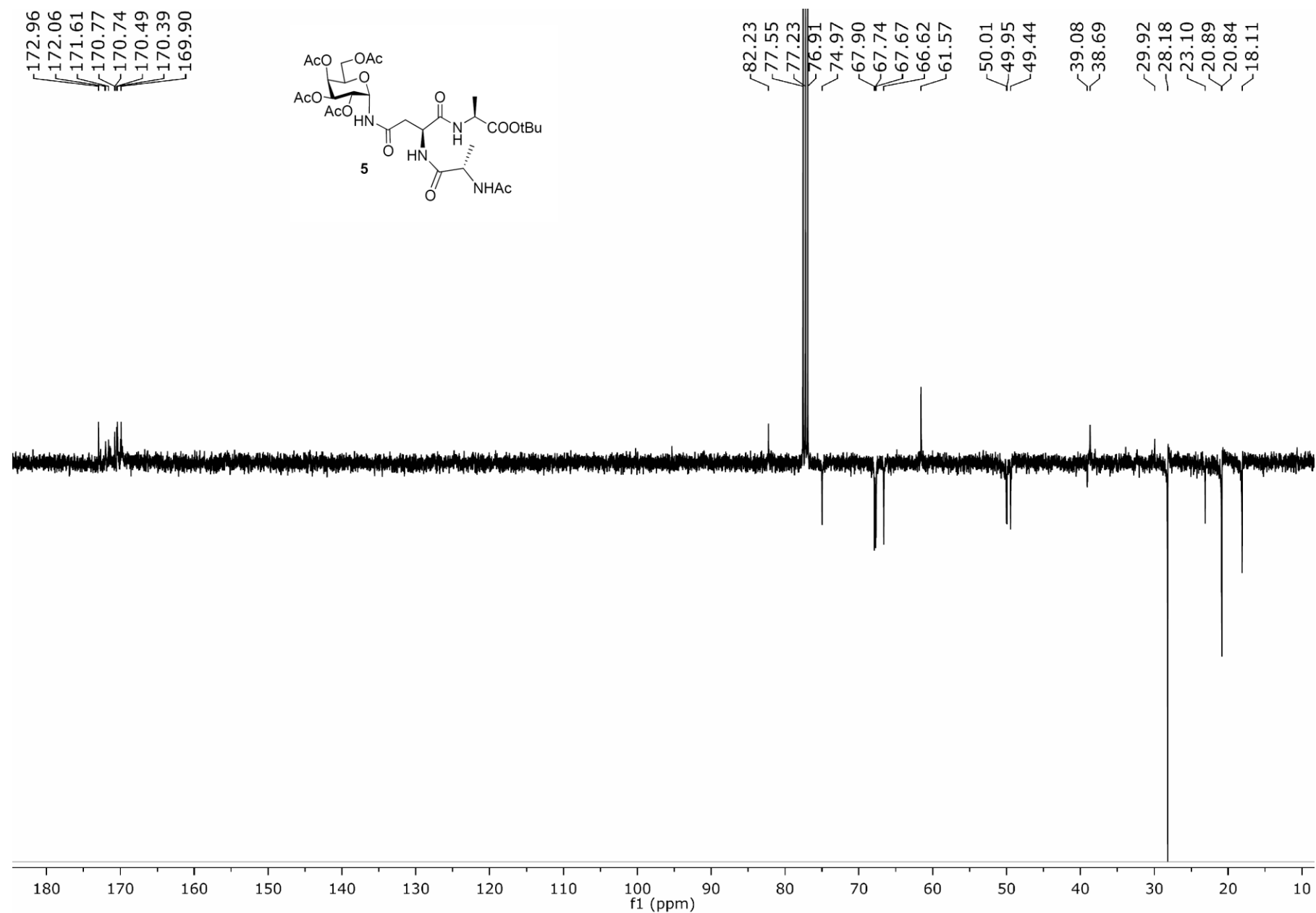
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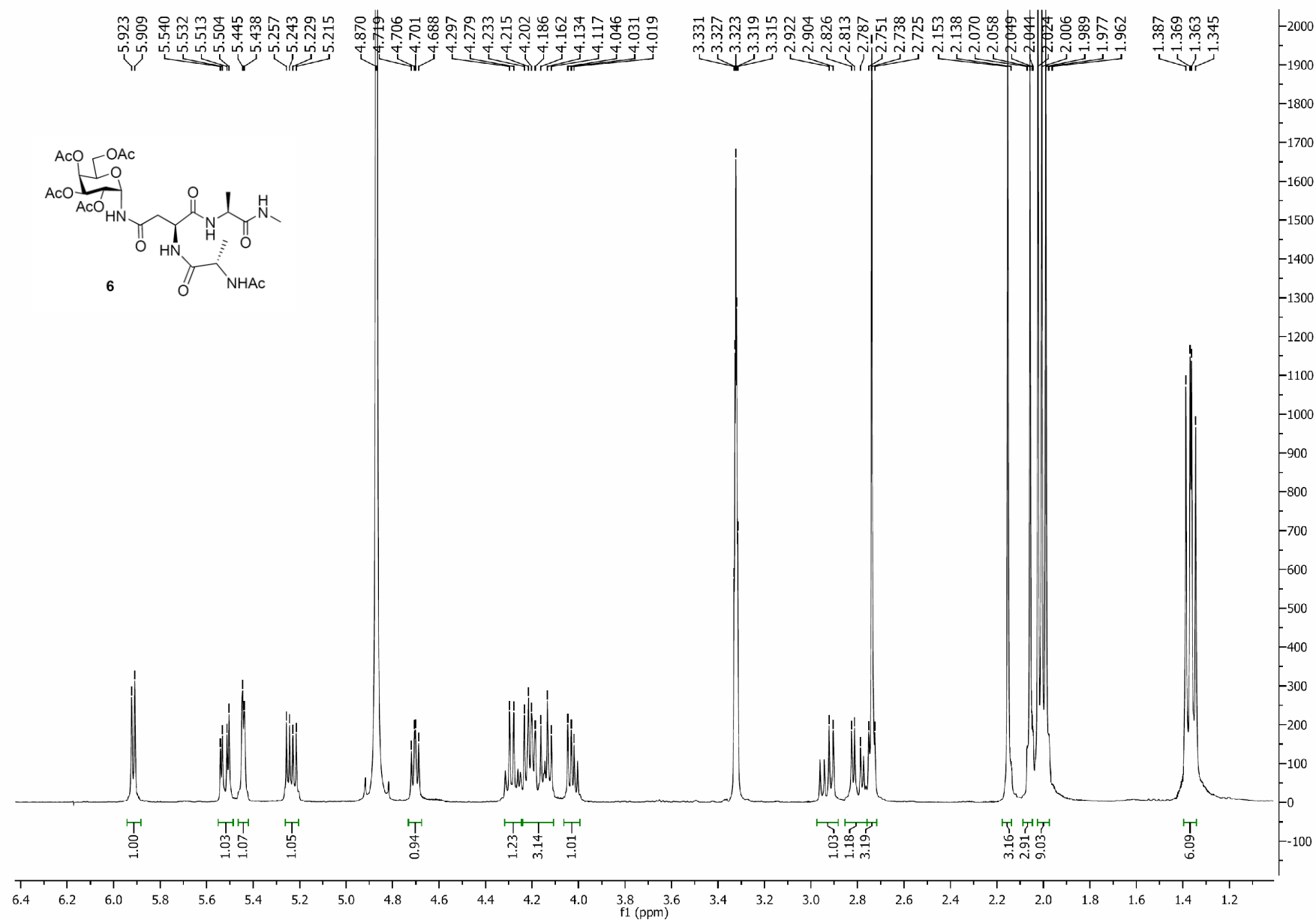
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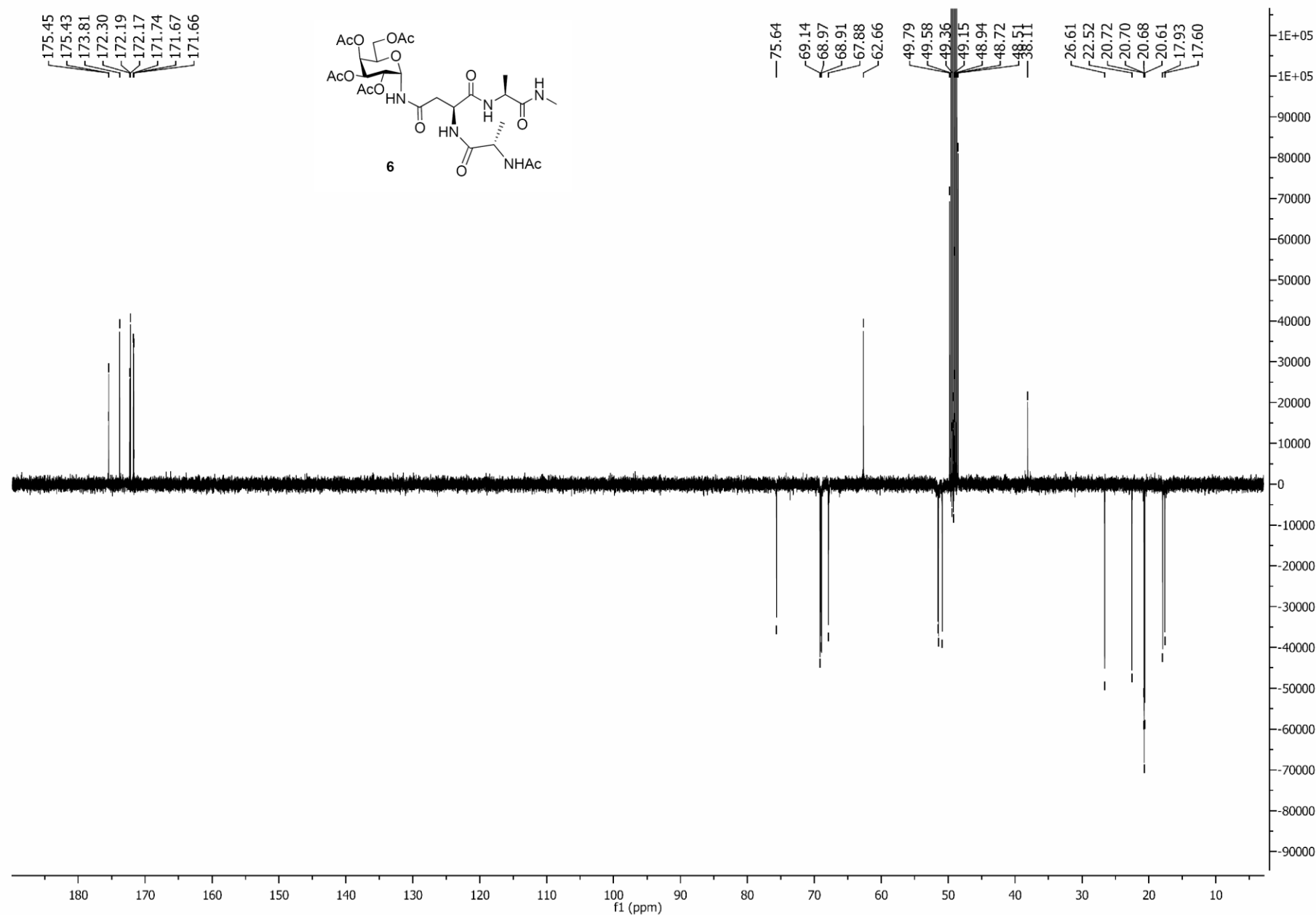


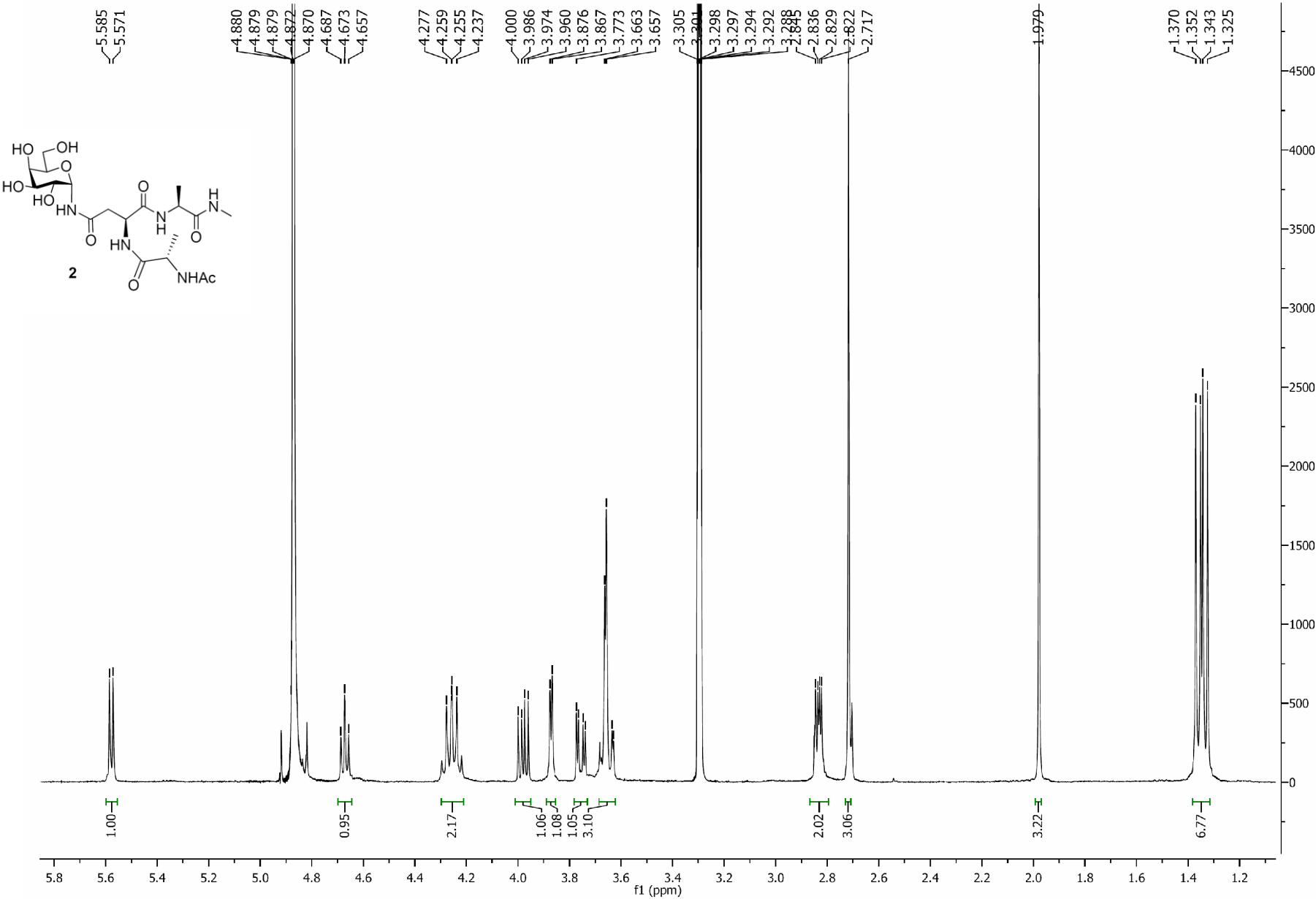


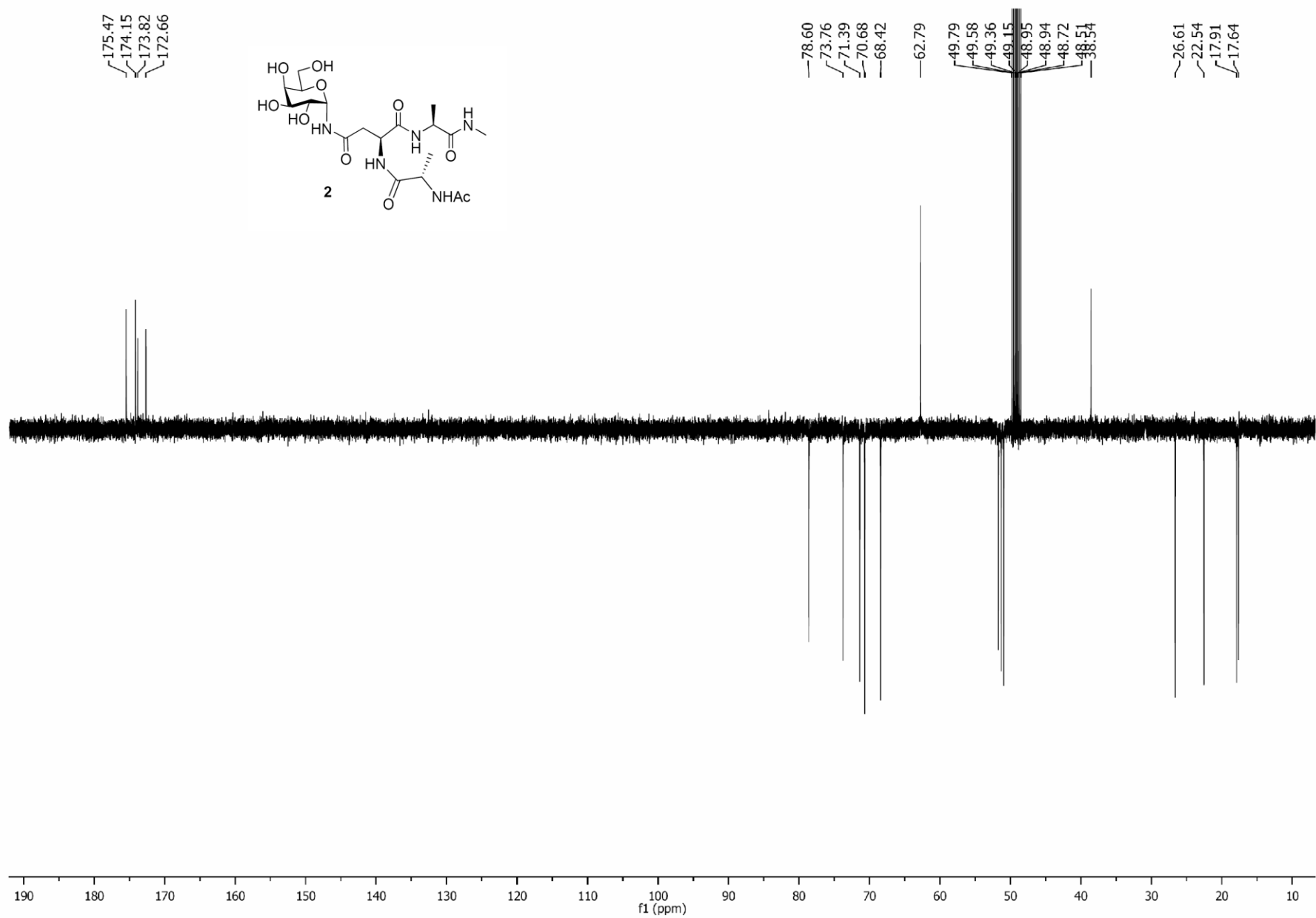




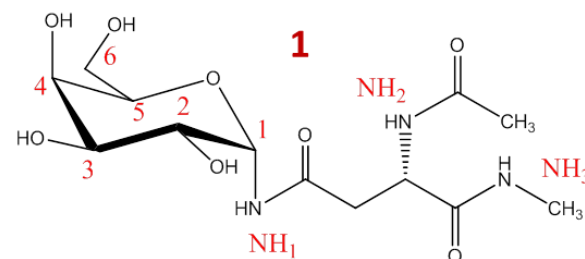




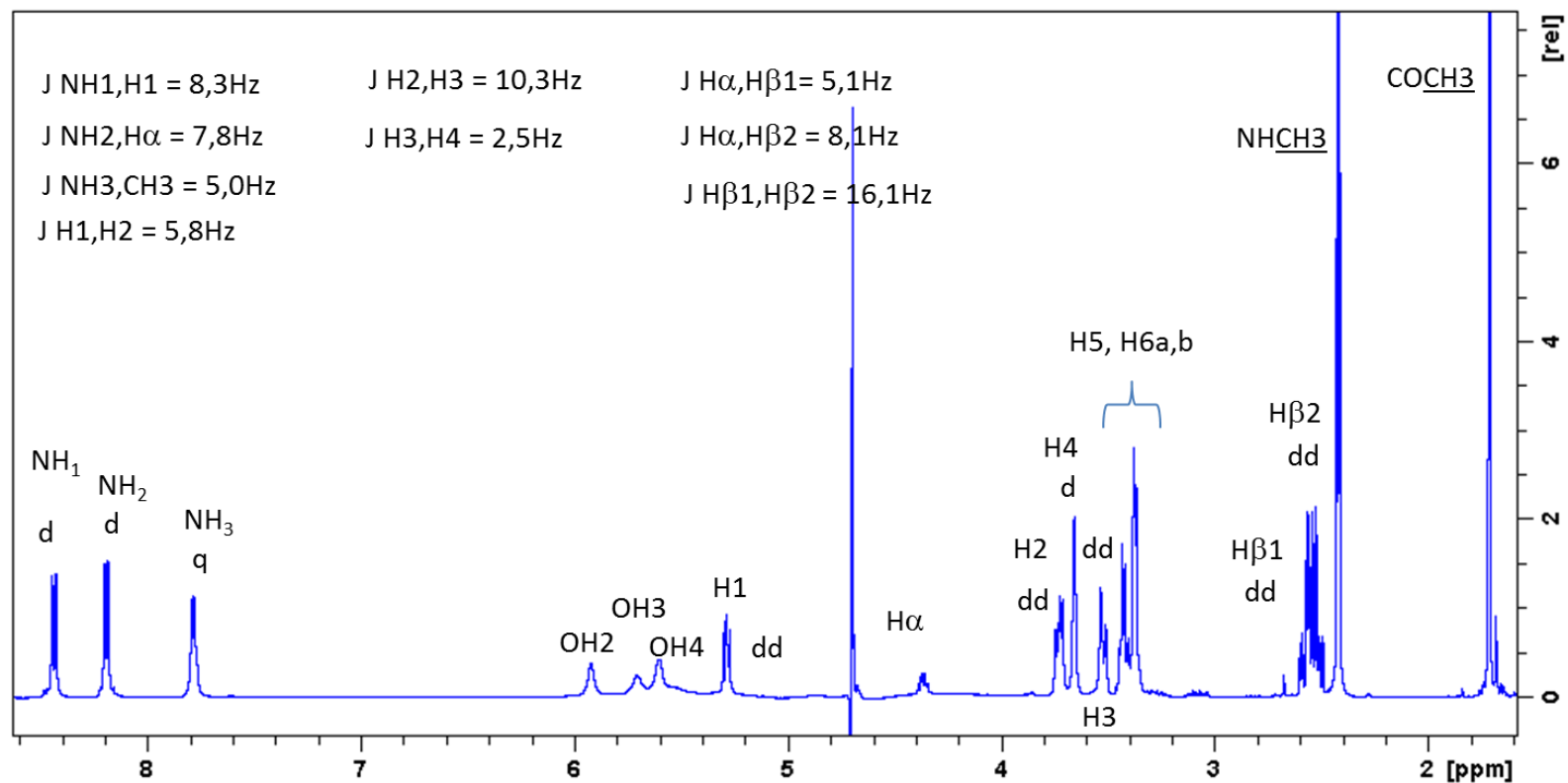


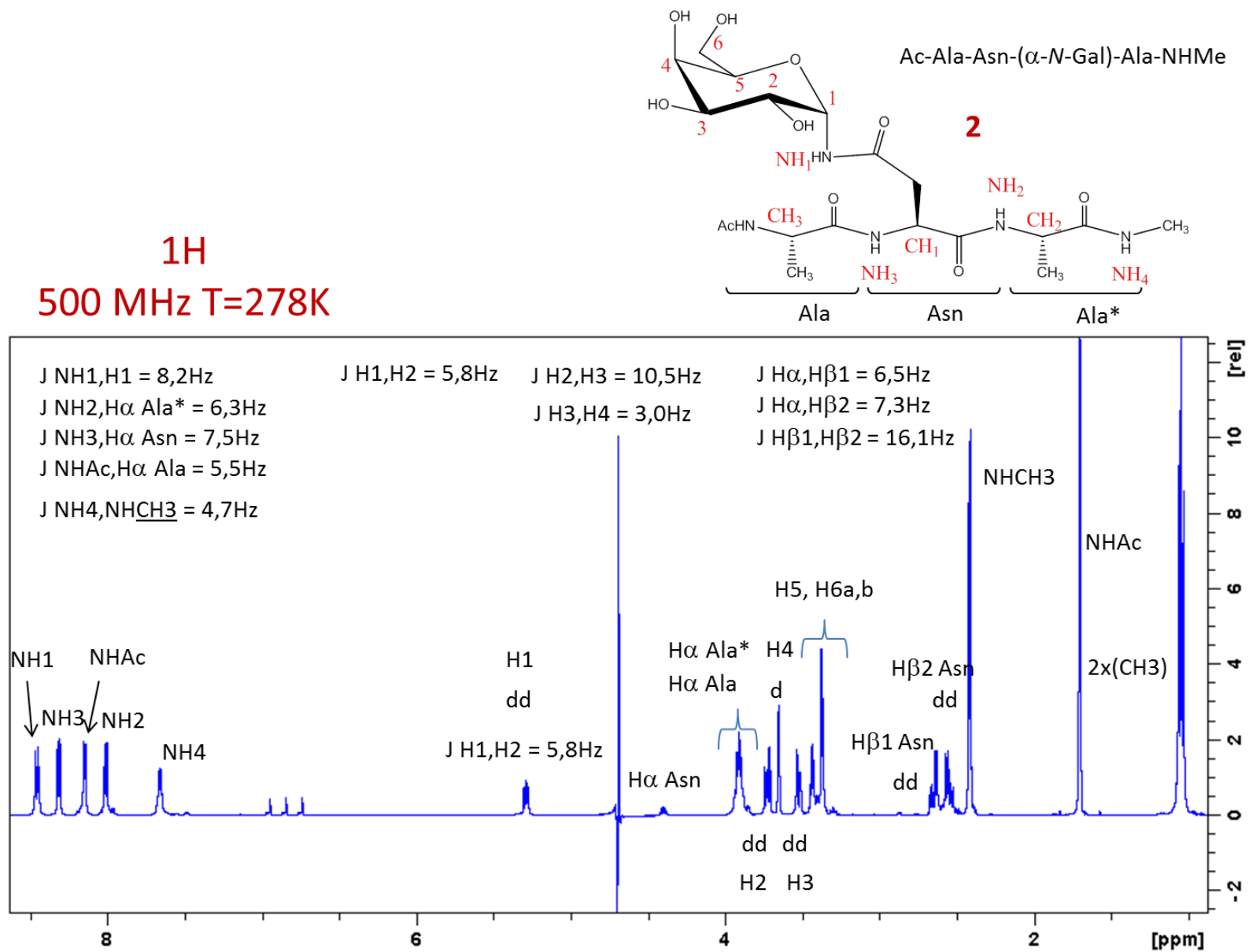


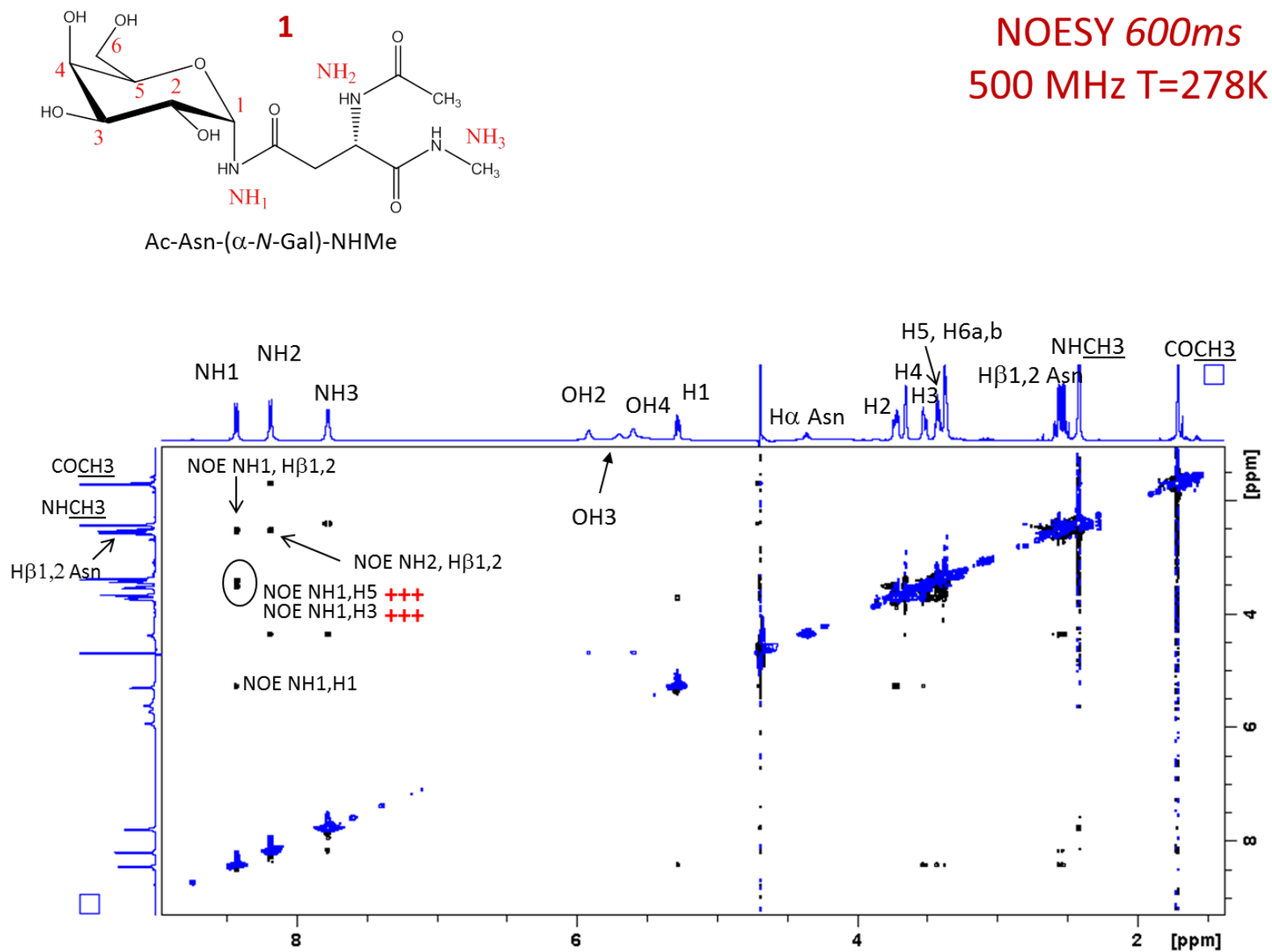
^1H
500 MHz T=278K

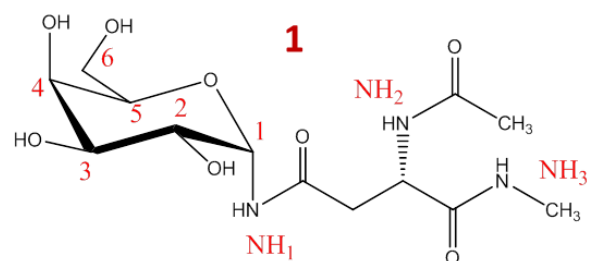


Ac-Asn-(α -N-Gal)-NHMe



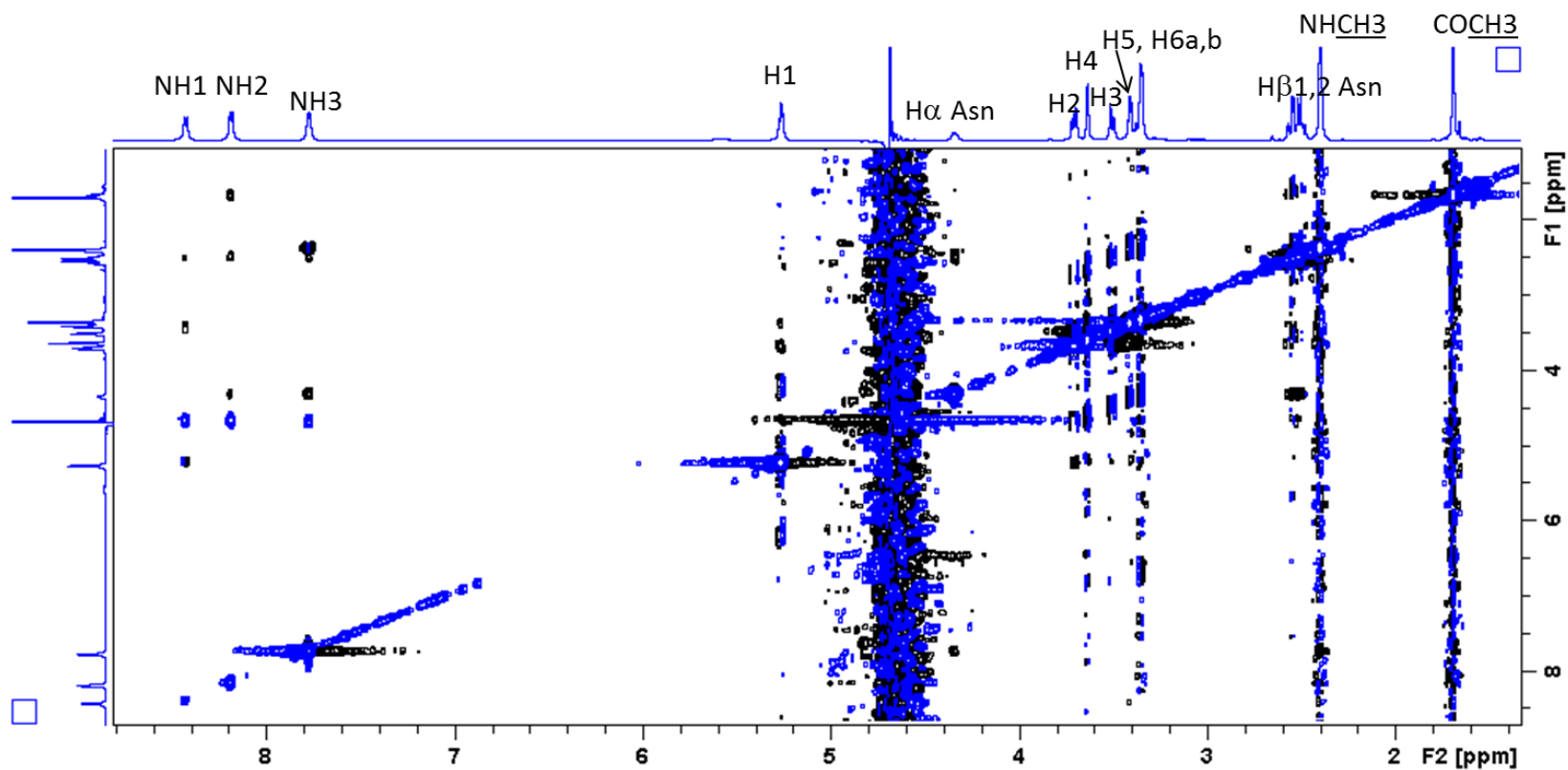


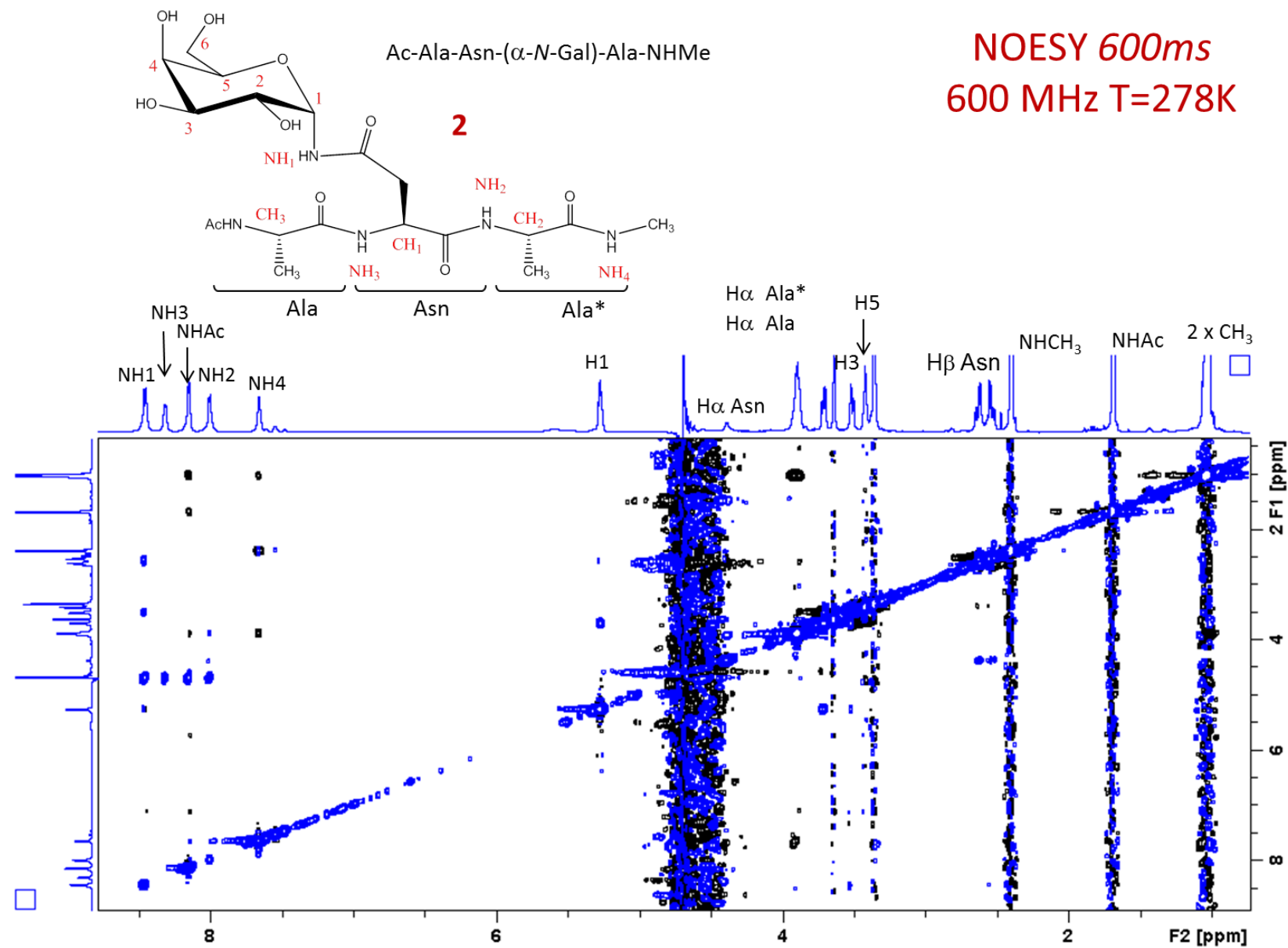




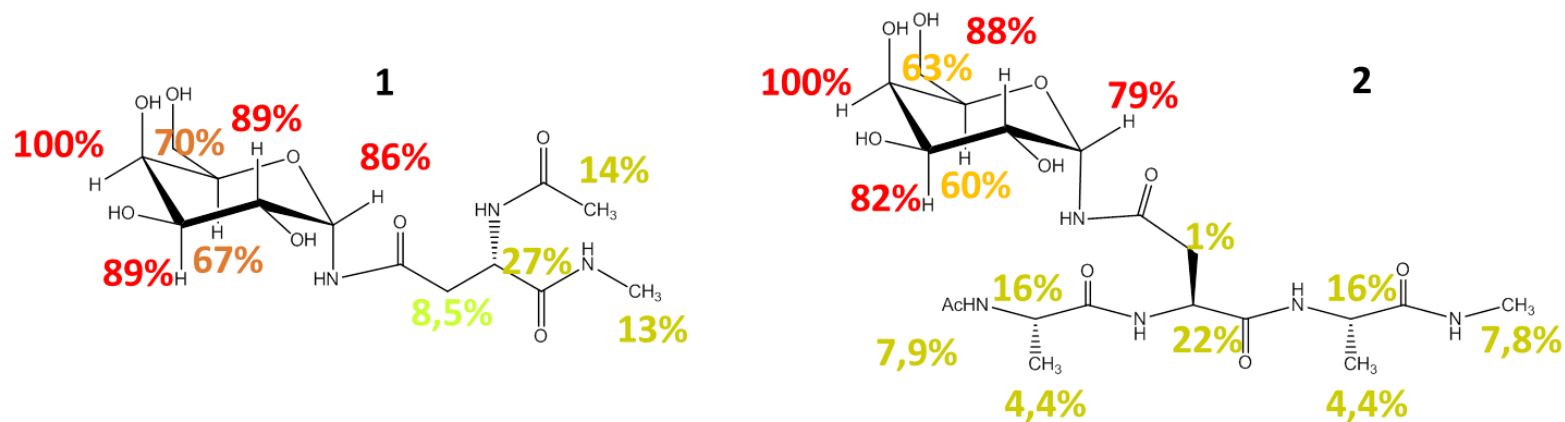
Ac-Asn-(α -N-Gal)-NHMe

NOESY 600ms
600 MHz T=278K

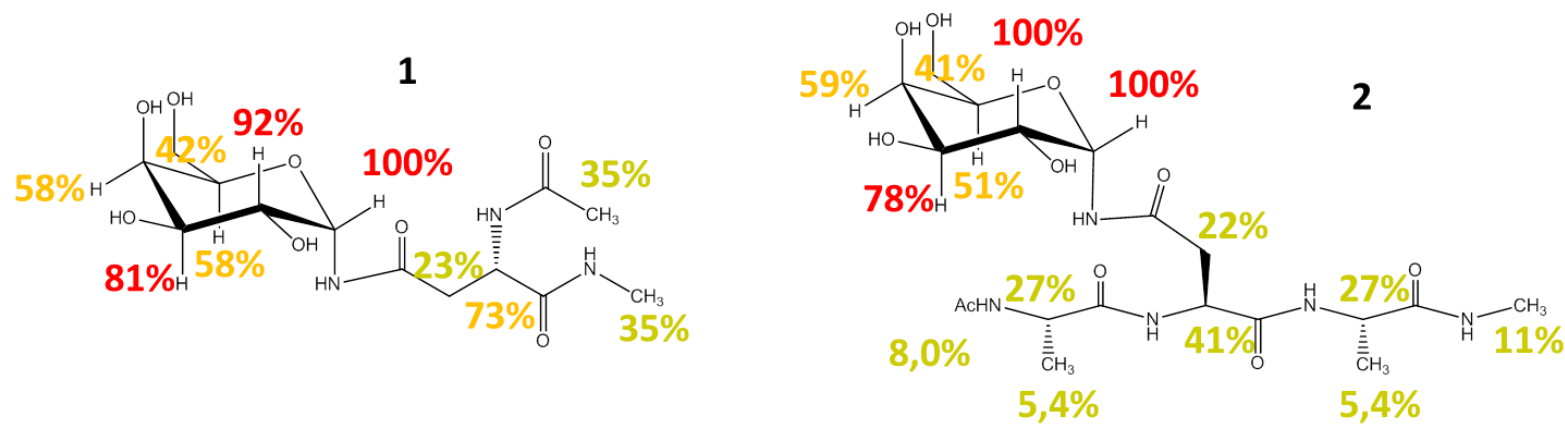




Viscum album agglutinin (VAA)

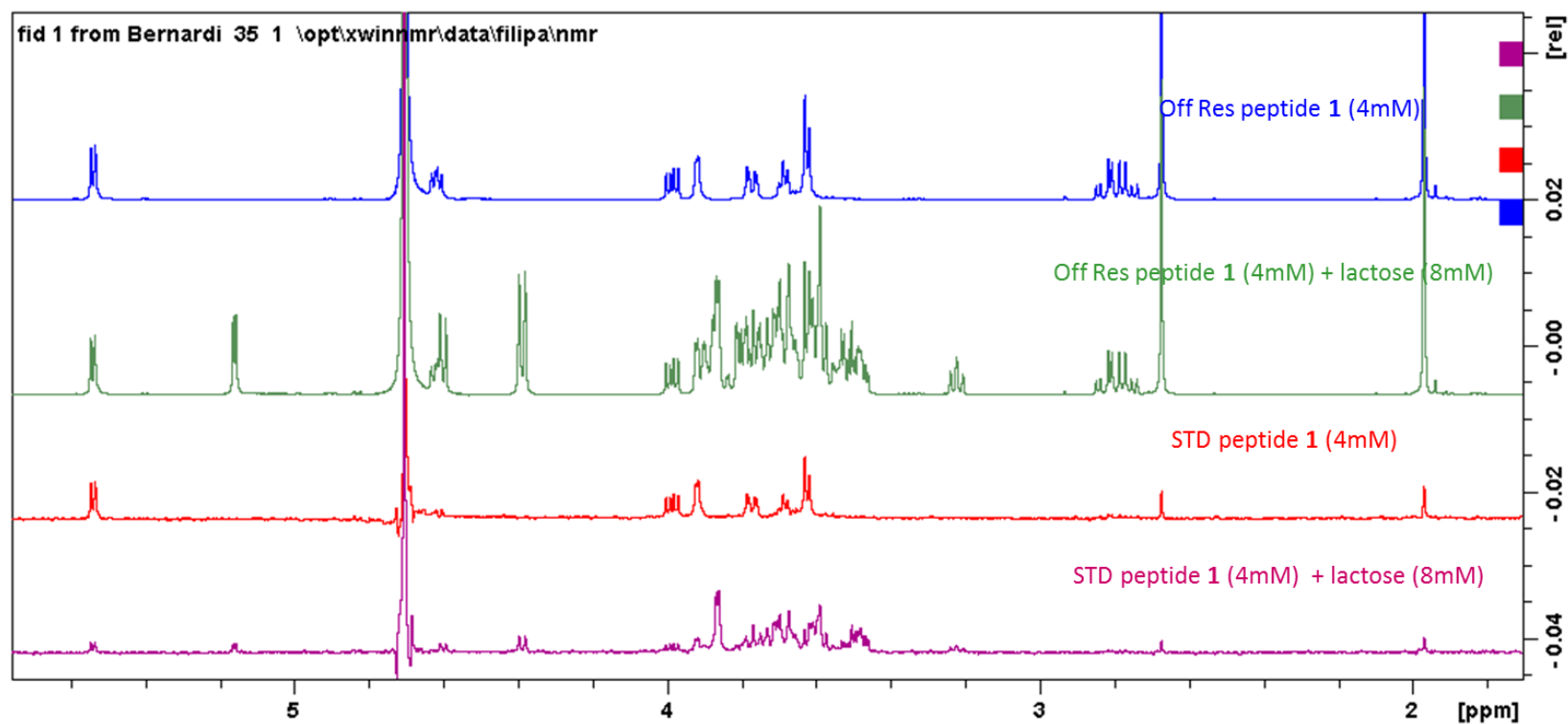


Erythrina cristagalli lectin (ECA)



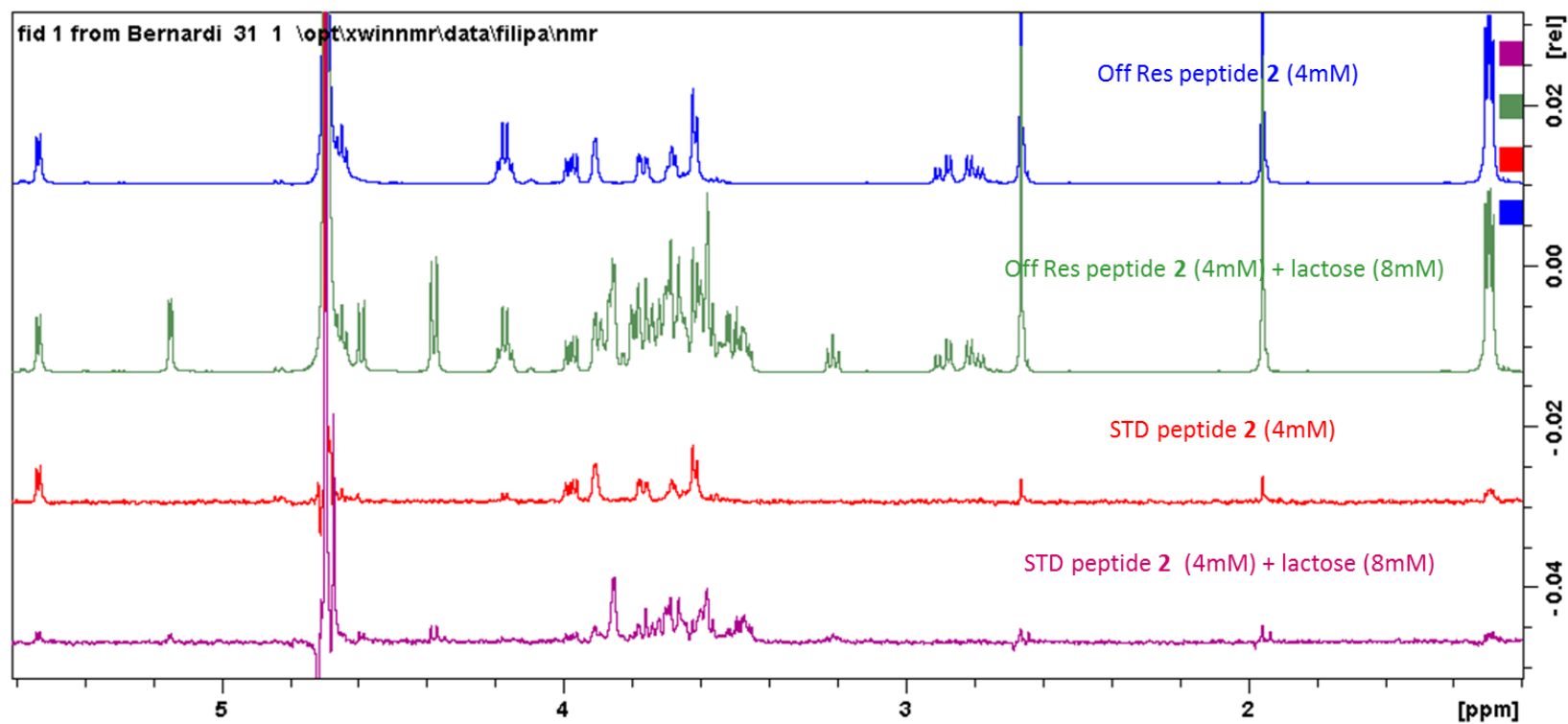
STD COMPETITION BINDING EXPERIMENTS

Viscum album agglutinin (VAA)



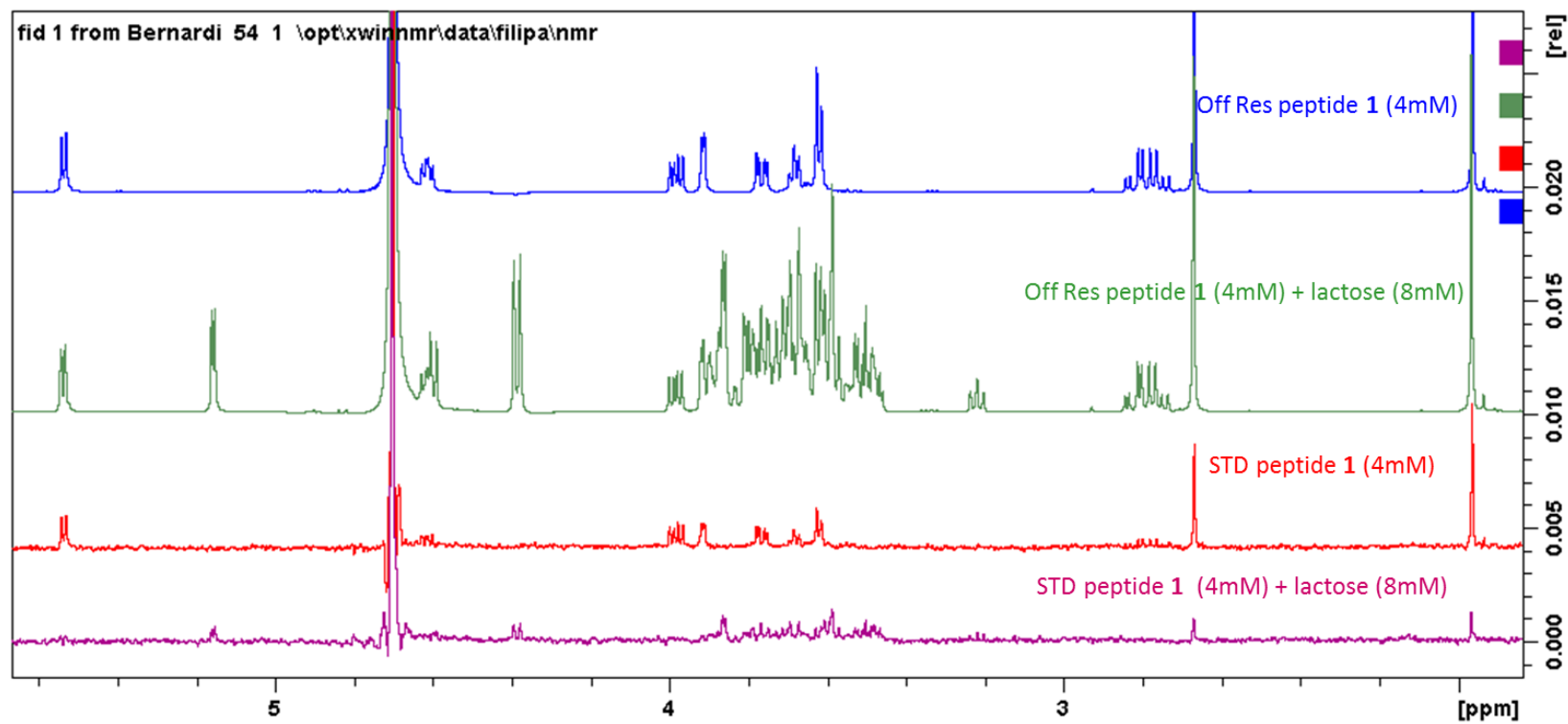
STD COMPETITION BINDING EXPERIMENTS

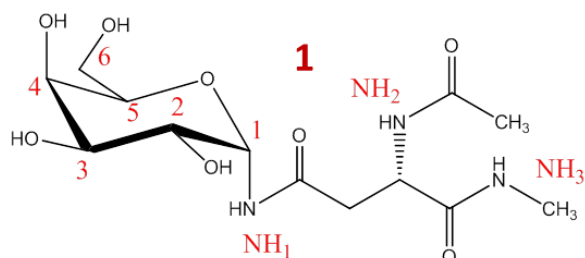
Viscum album agglutinin (VAA)



STD COMPETITION BINDING EXPERIMENTS

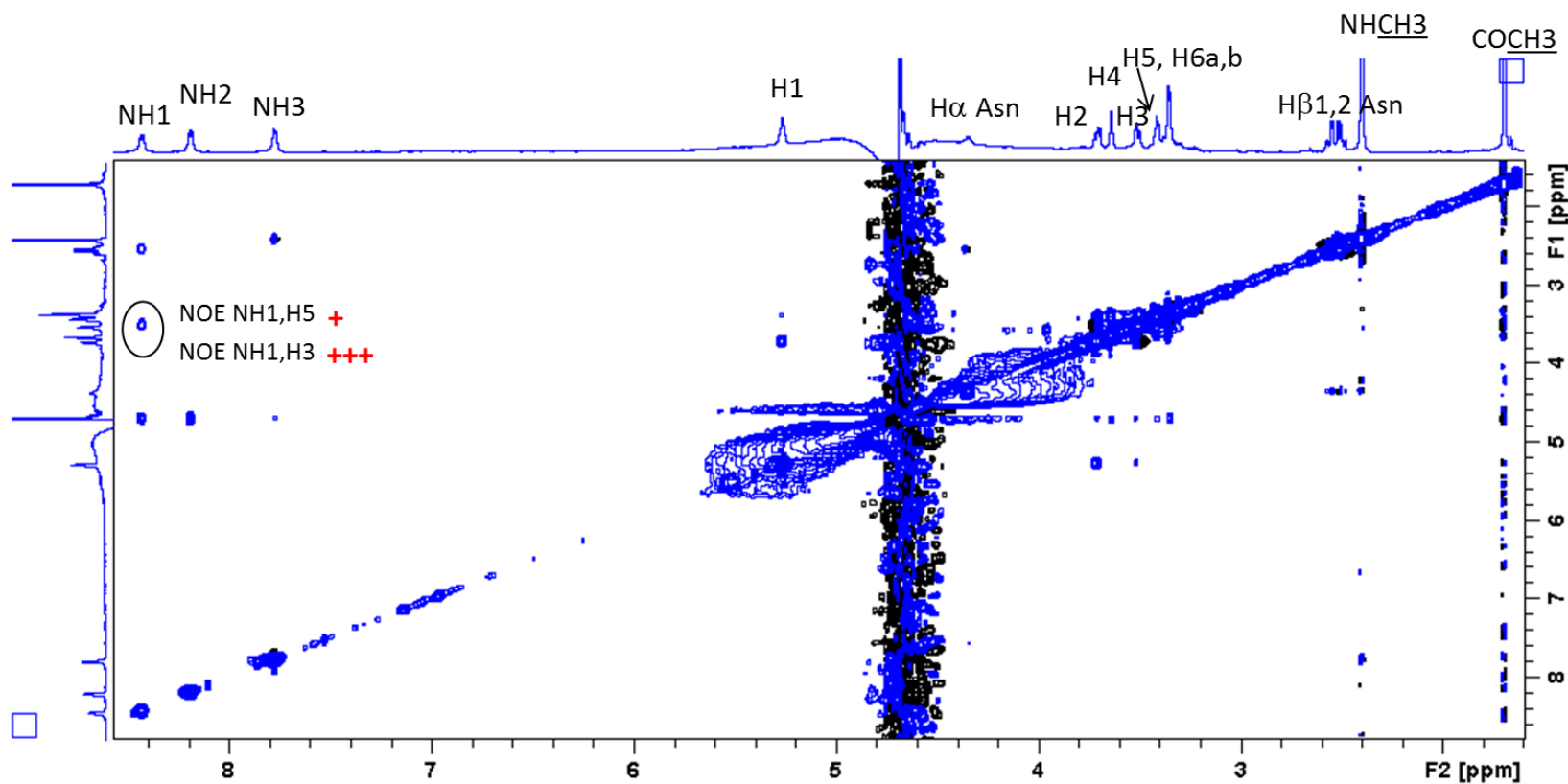
Erythrina cristagalli lectin (ECA)





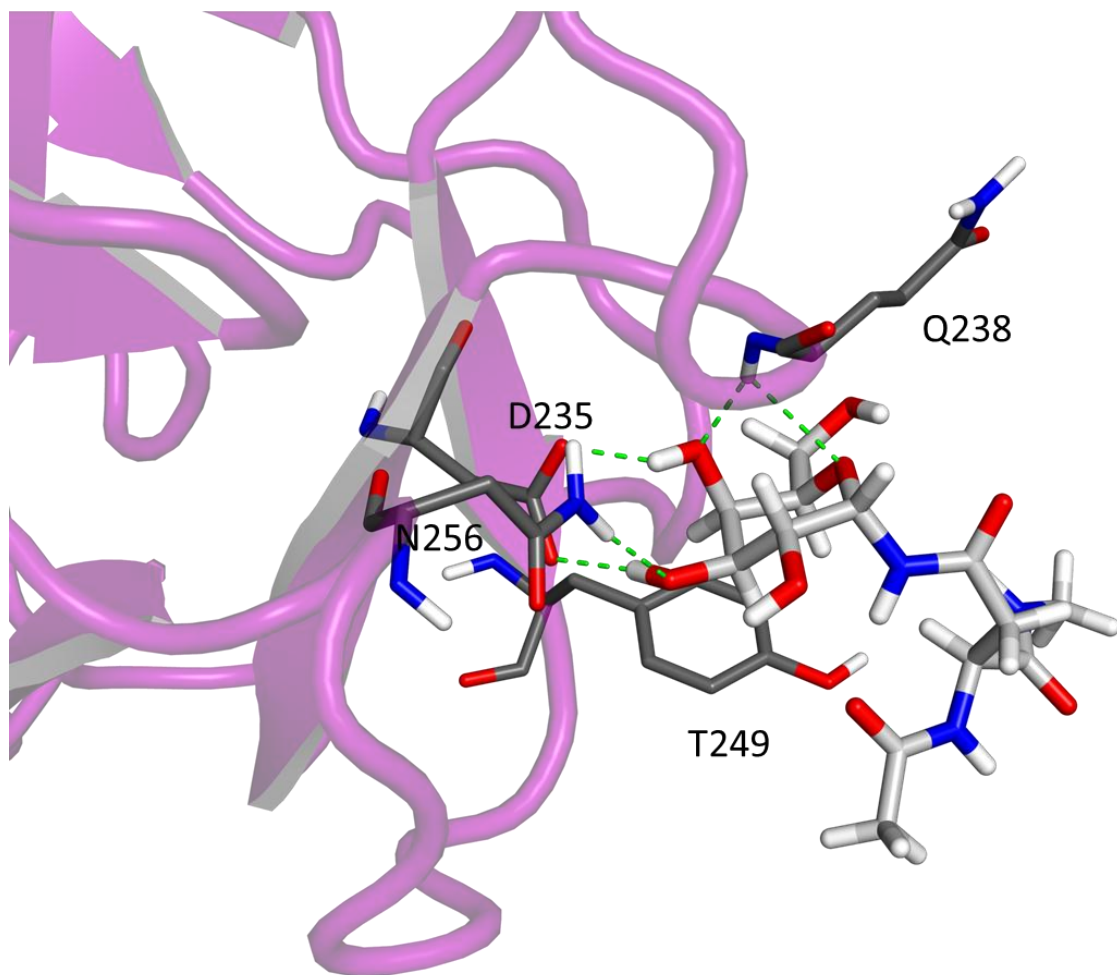
Ac-Asn-(α -N-Gal)-NHMe

TR-NOESY 200ms
600 MHz T=278K



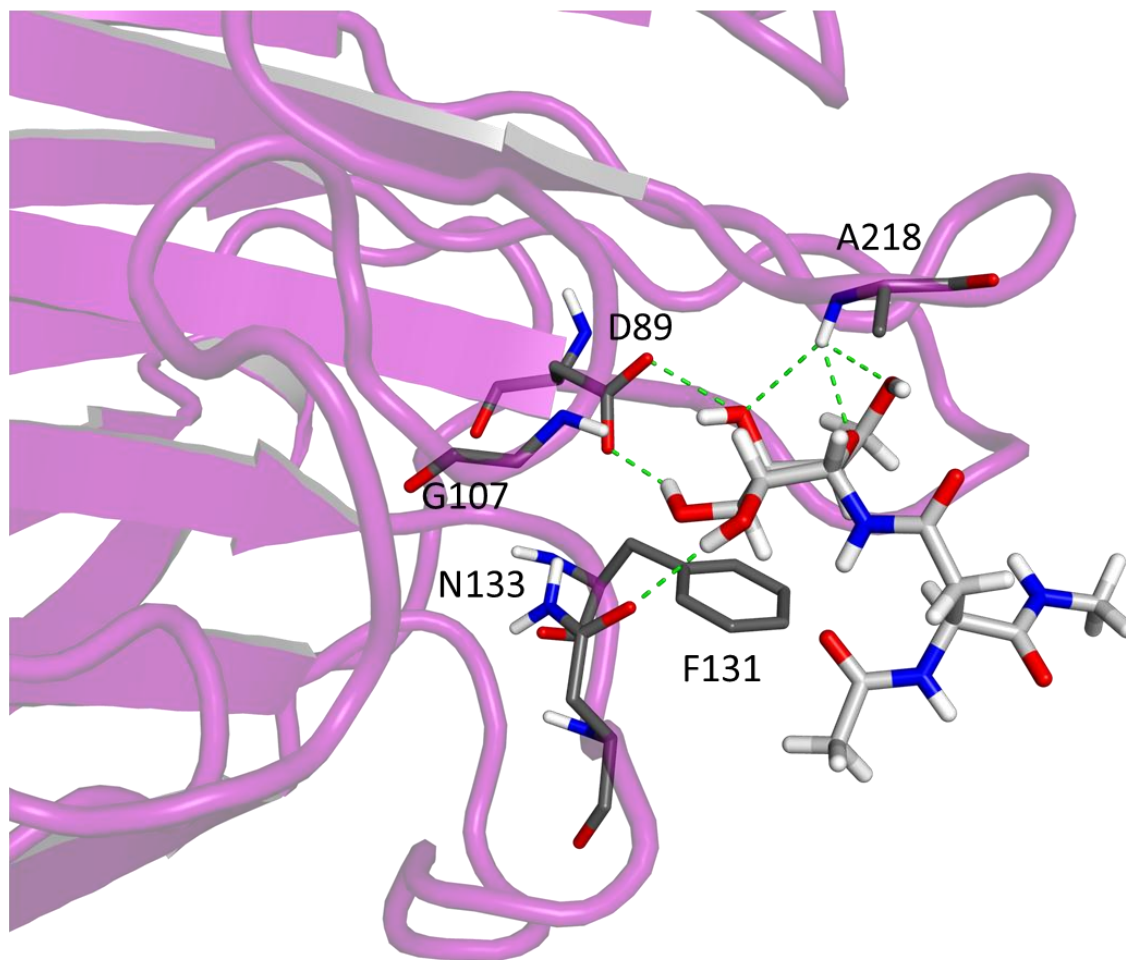
DOCKING STUDIES

Viscum album agglutinin (VAA) and glycopeptide **1**



DOCKING STUDIES

Erythrina cristagalli lectin (ECA) and glycopeptide **1**



DOCKING STUDIES

Erythrina cristagalli lectin (ECA) and glycopeptide 2

