

Supporting Information

Synthesis and Comparative Structure-Activity Study of Carbohydrate-Based Phenolic Compounds as α -Glucosidase Inhibitors and Antioxidants

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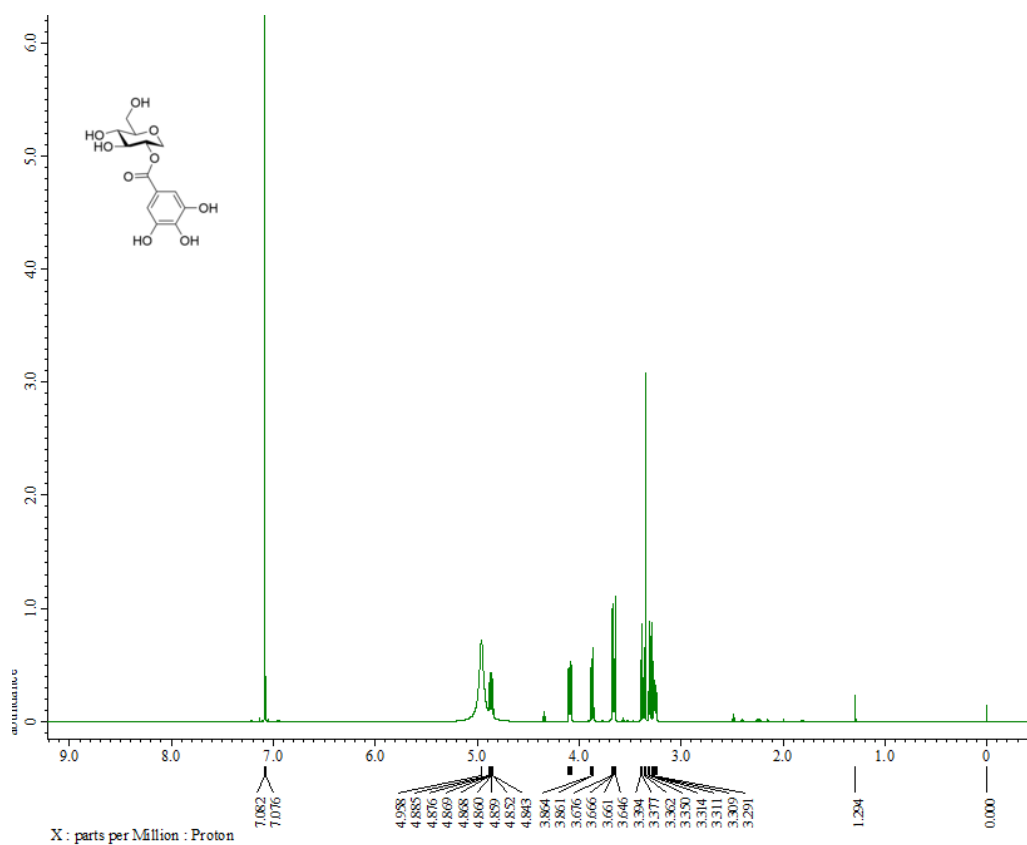
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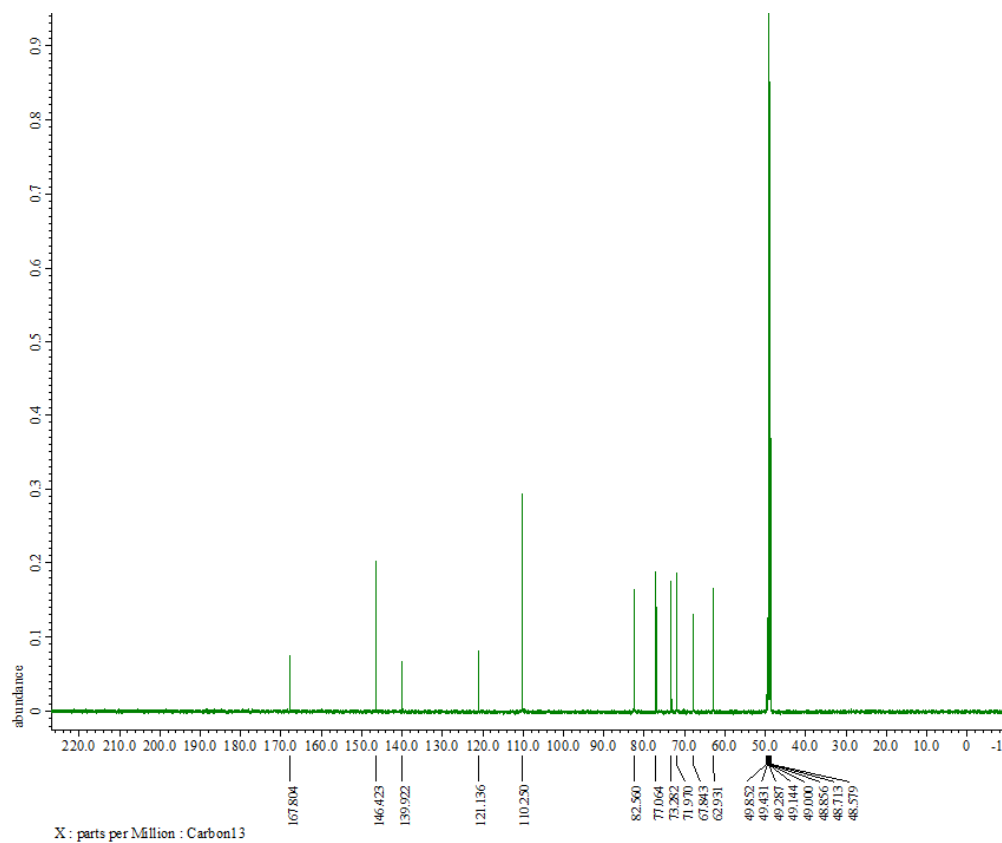
Contents

^1H and ^{13}C NMR spectra of compound **31** – **44**, **54**, – **58**, **61**, and **67**.

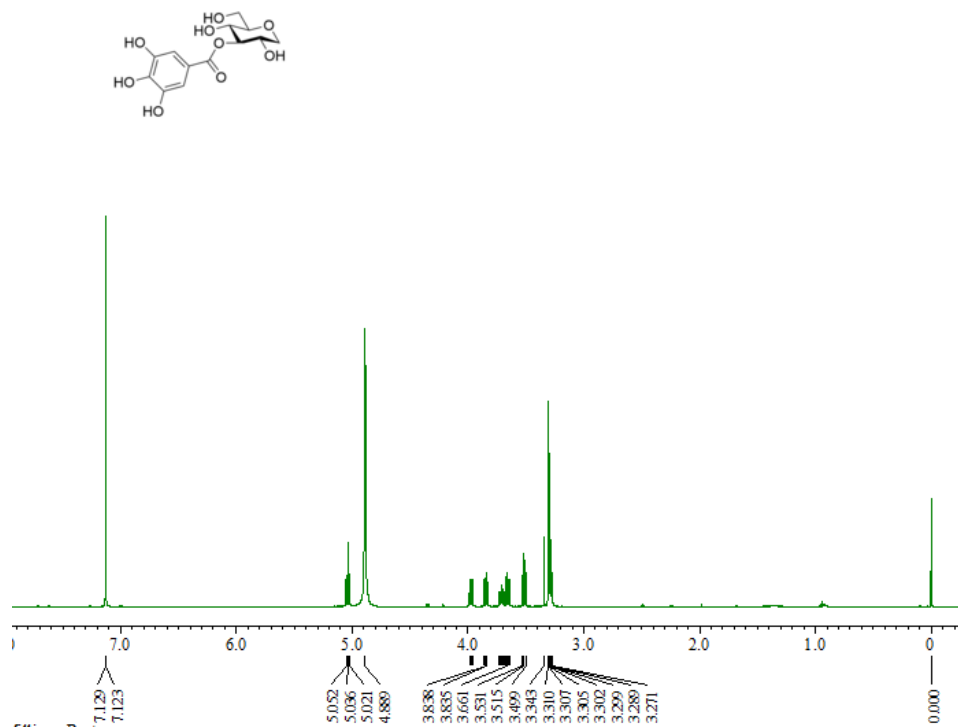
^1H NMR of compound **31** in CD_3OD



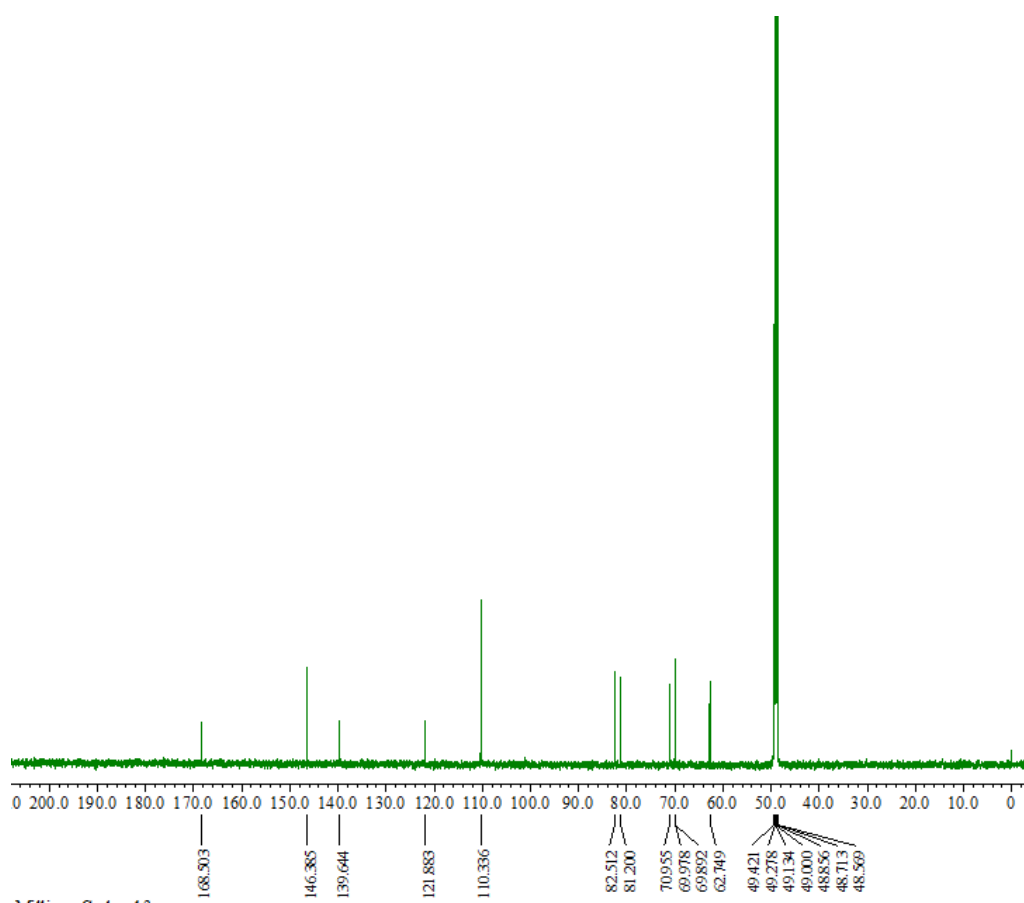
^{13}C NMR of compound **31** in CD_3OD



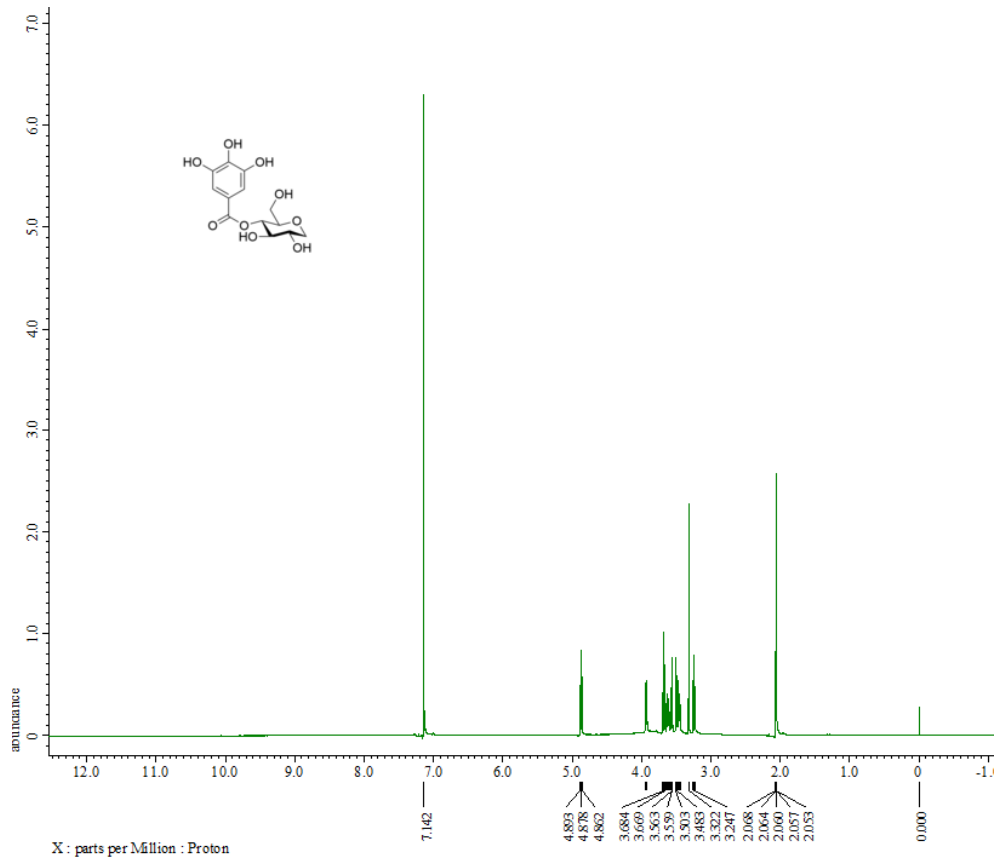
^1H NMR of compound **32** in CD_3OD



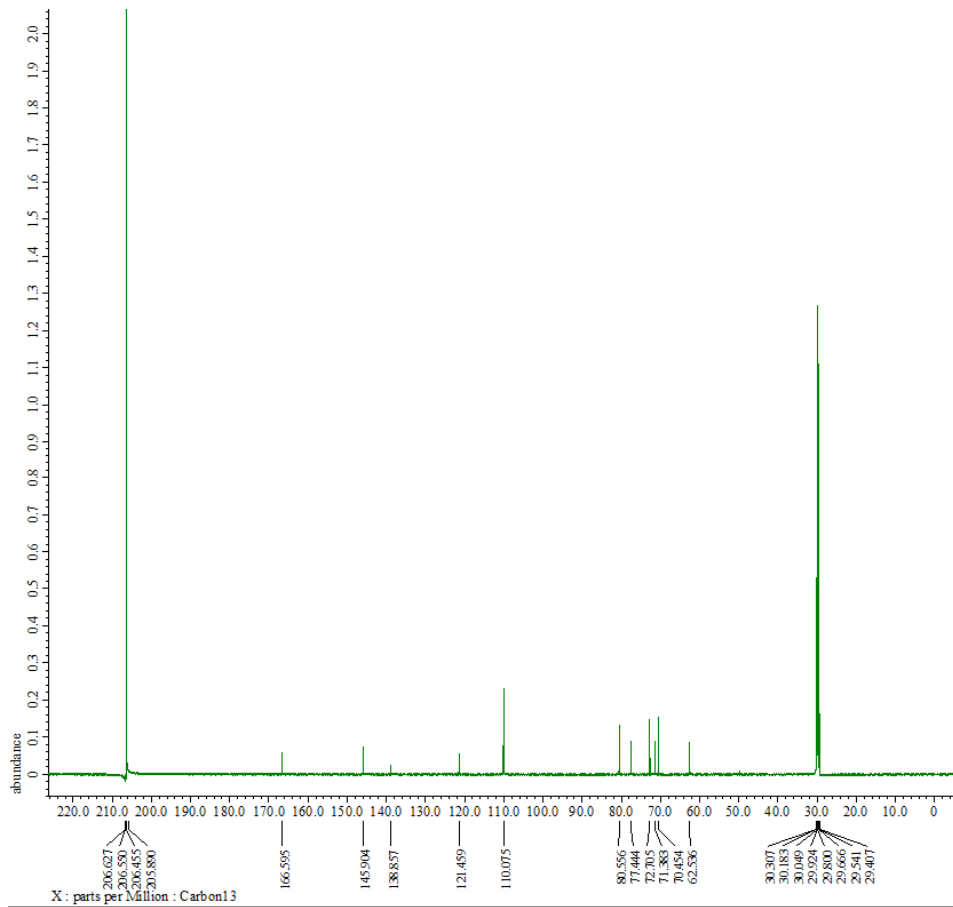
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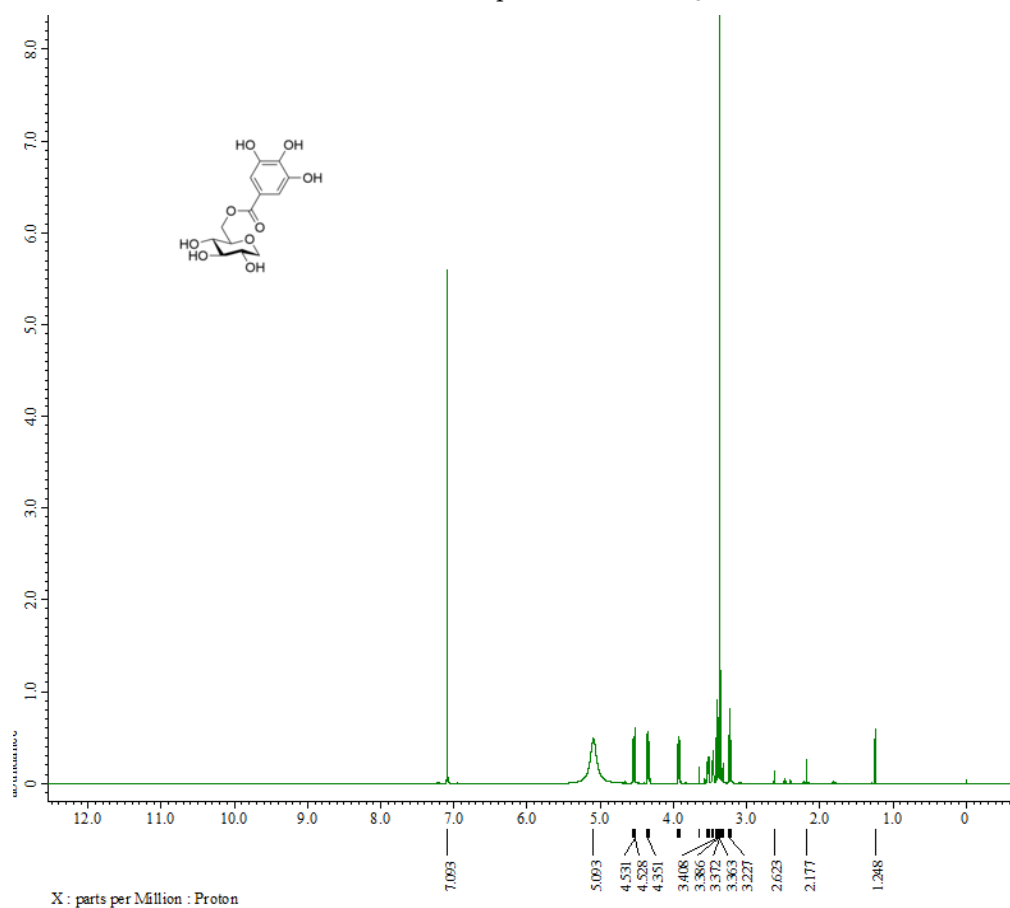
^1H NMR of compound **33** in Acetone- d_6



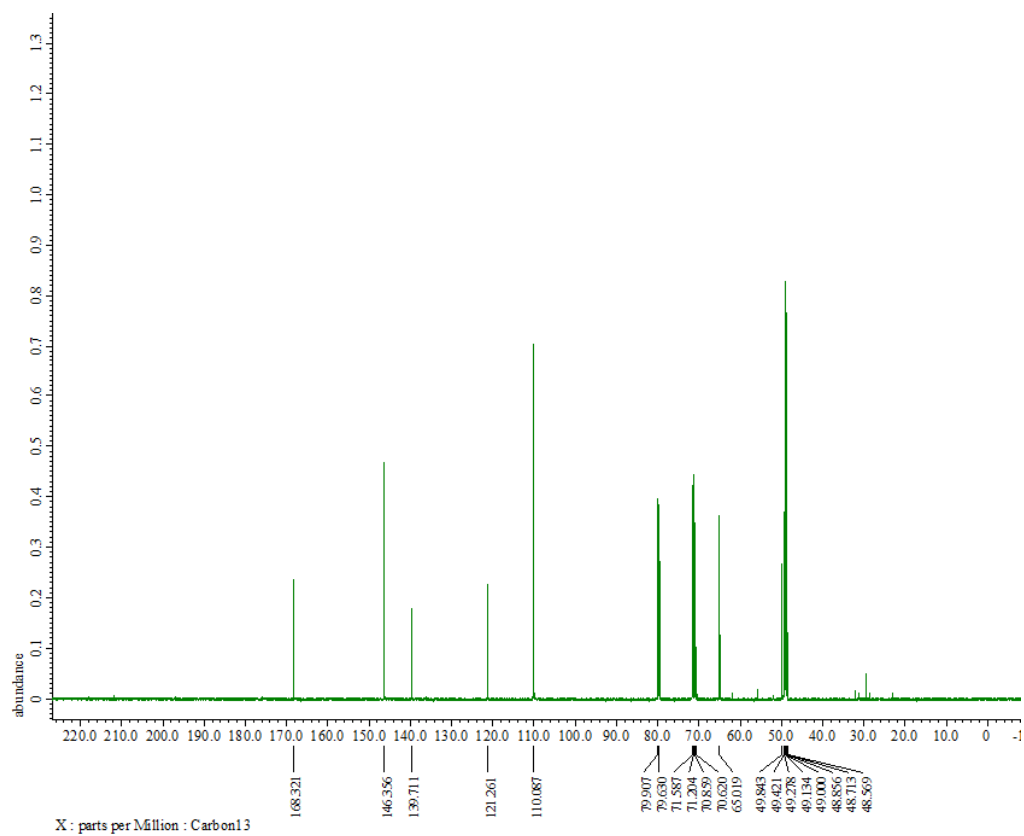
^{13}C NMR of compound **33** in Acetone- d_6



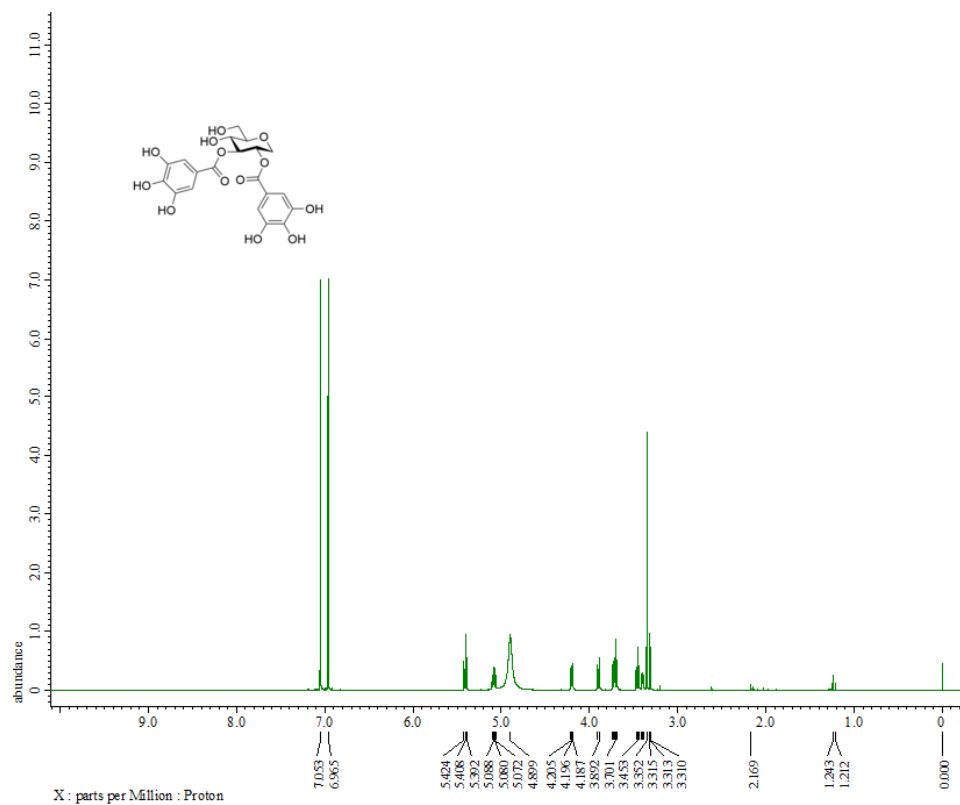
¹H NMR of compound **34** in CD₃OD



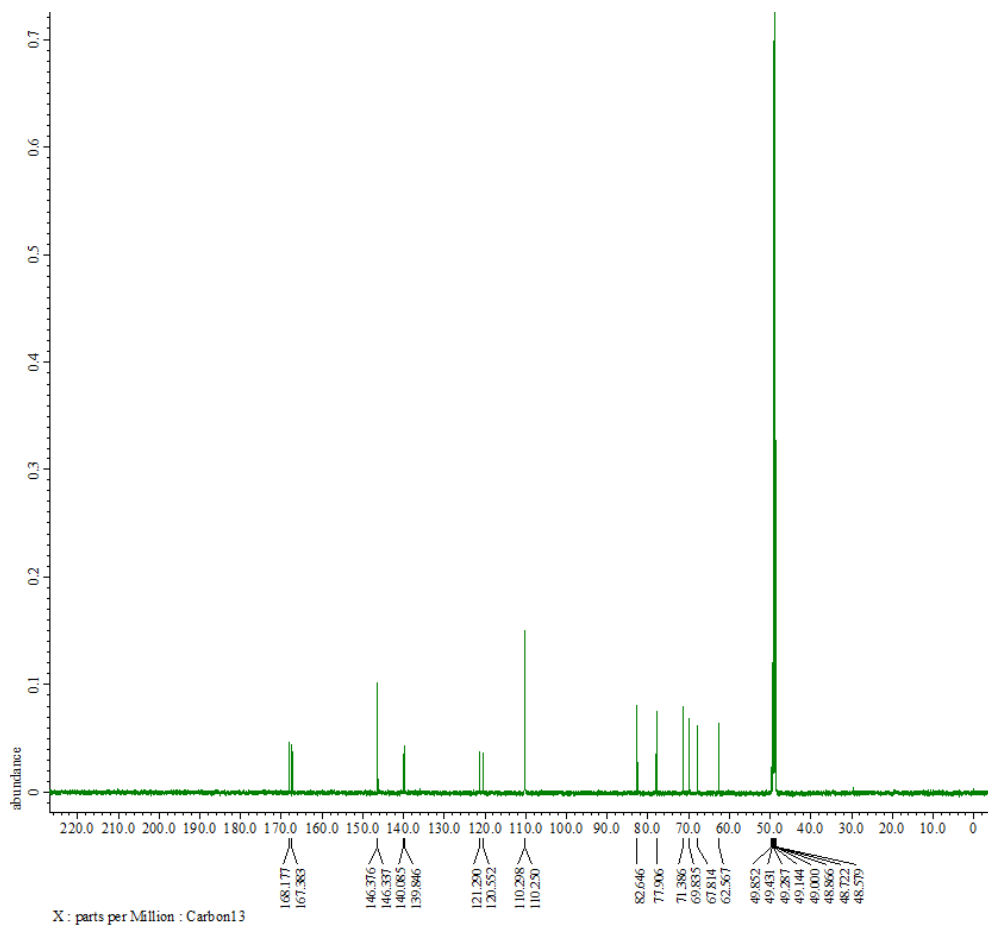
¹³C NMR of compound **34** in CD₃OD



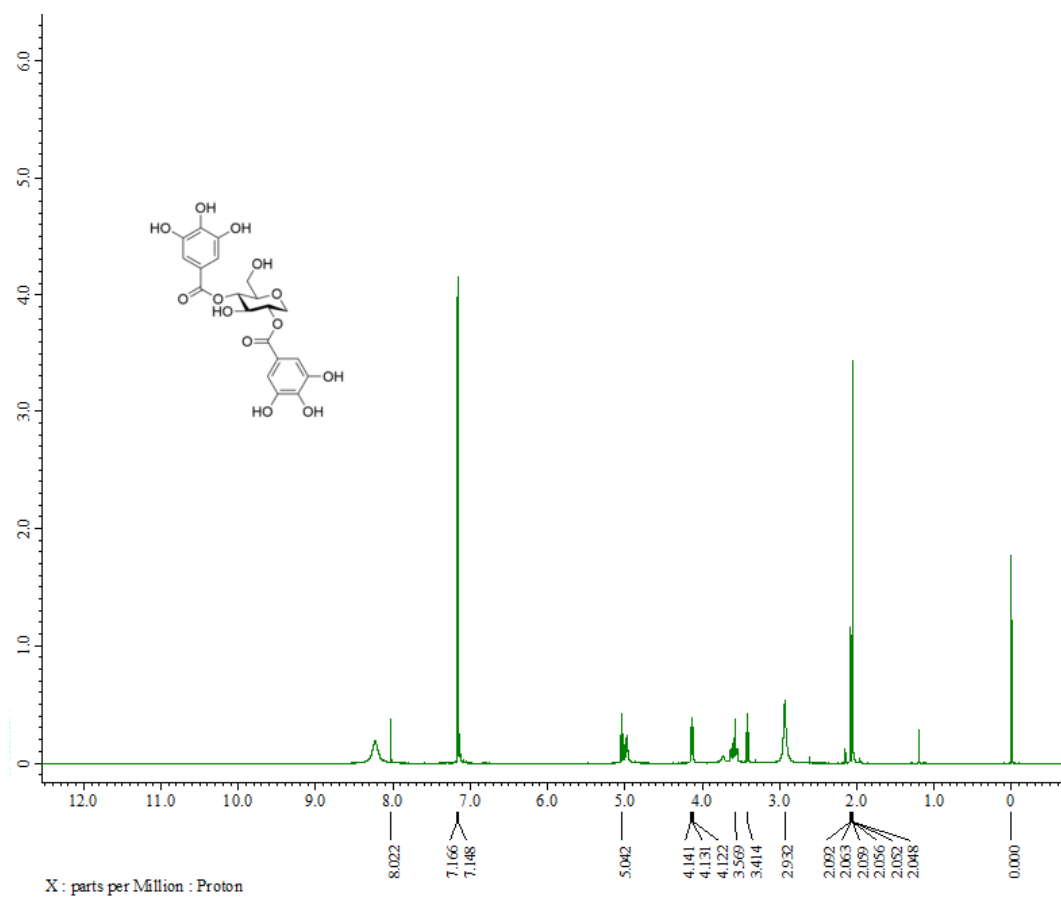
^1H NMR of compound **35** in CD_3OD



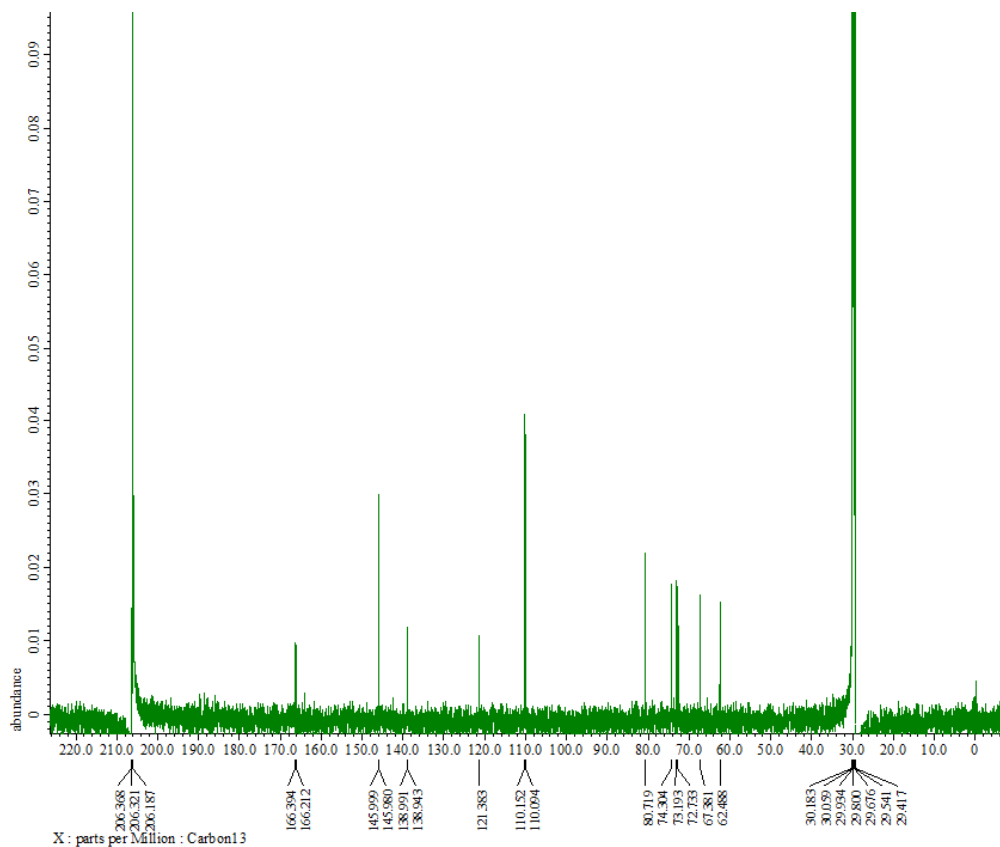
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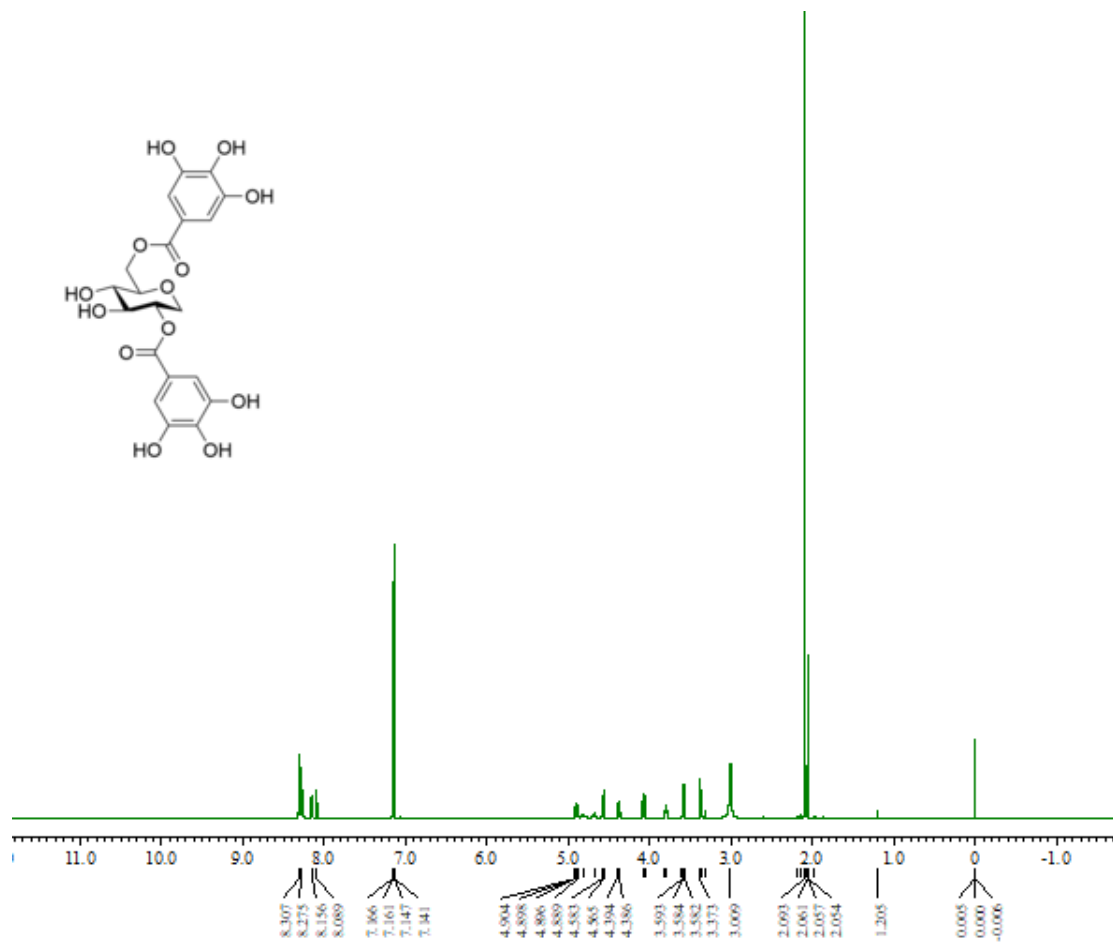
^1H NMR of compound **36** in Acetone- d_6



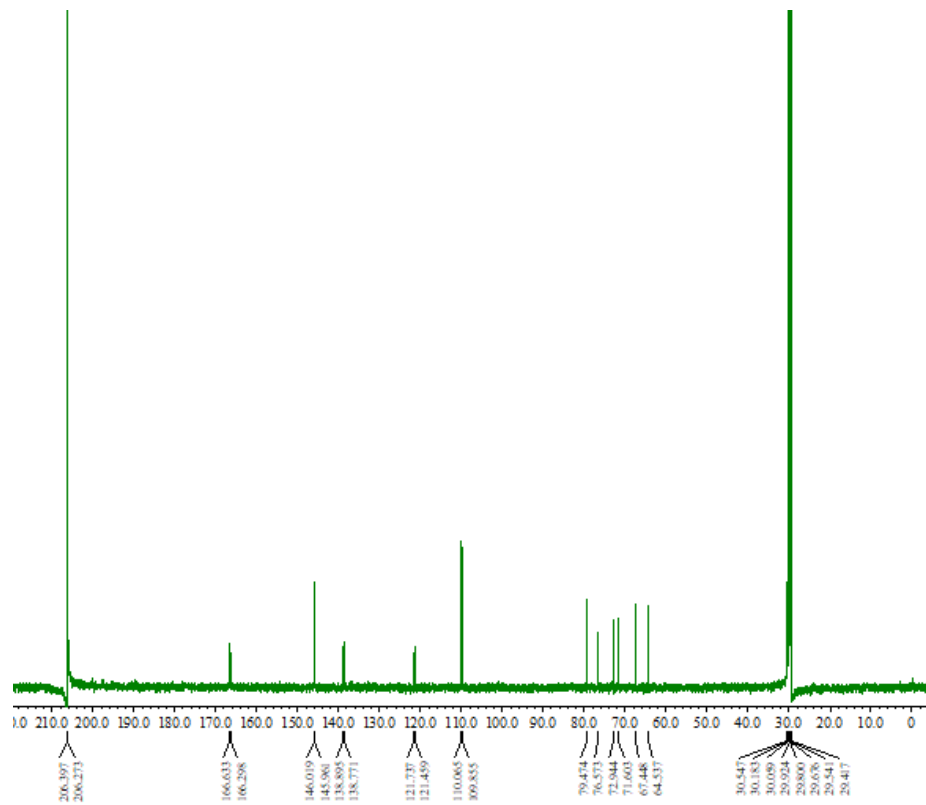
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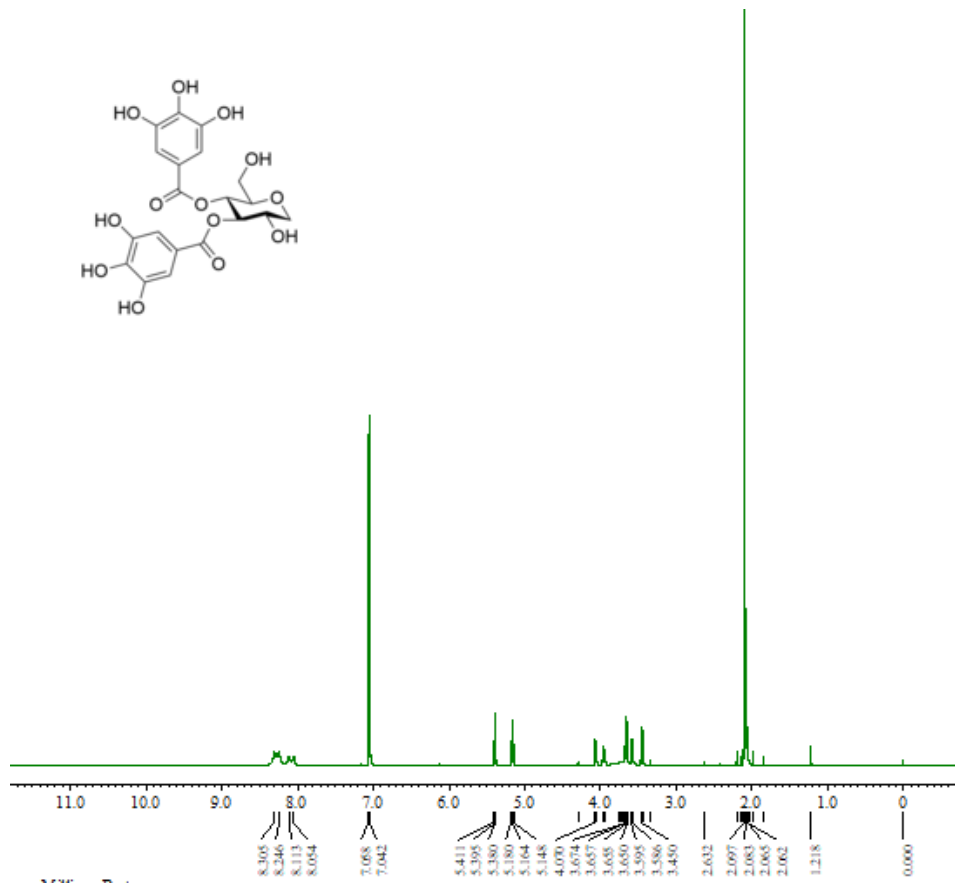
^1H NMR of compound **37** in Acetone- d_6



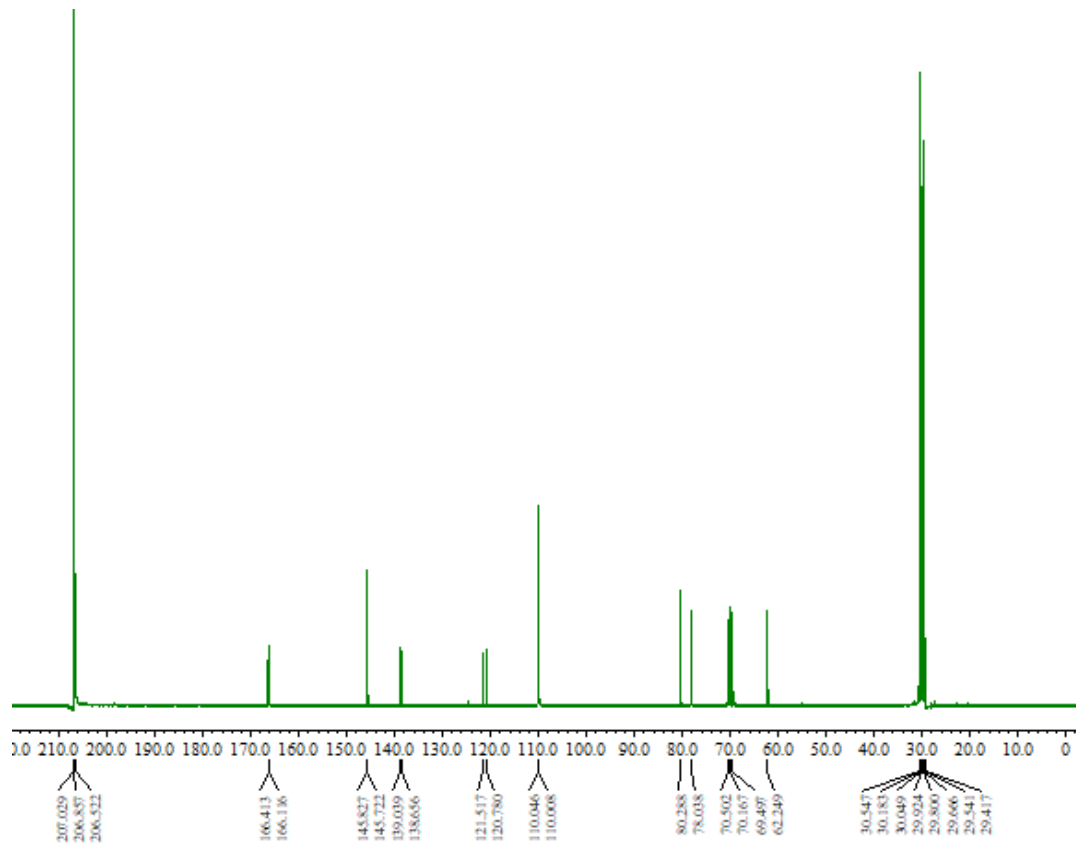
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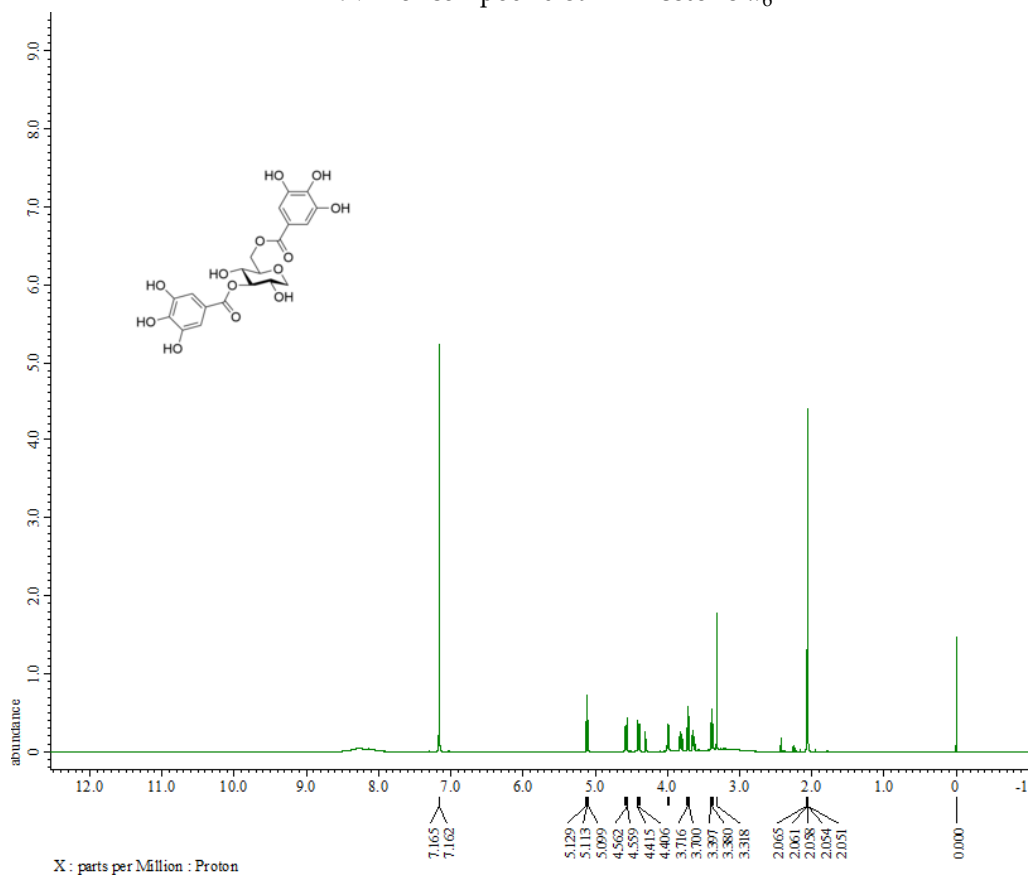
^1H NMR of compound **38** in Acetone- d_6



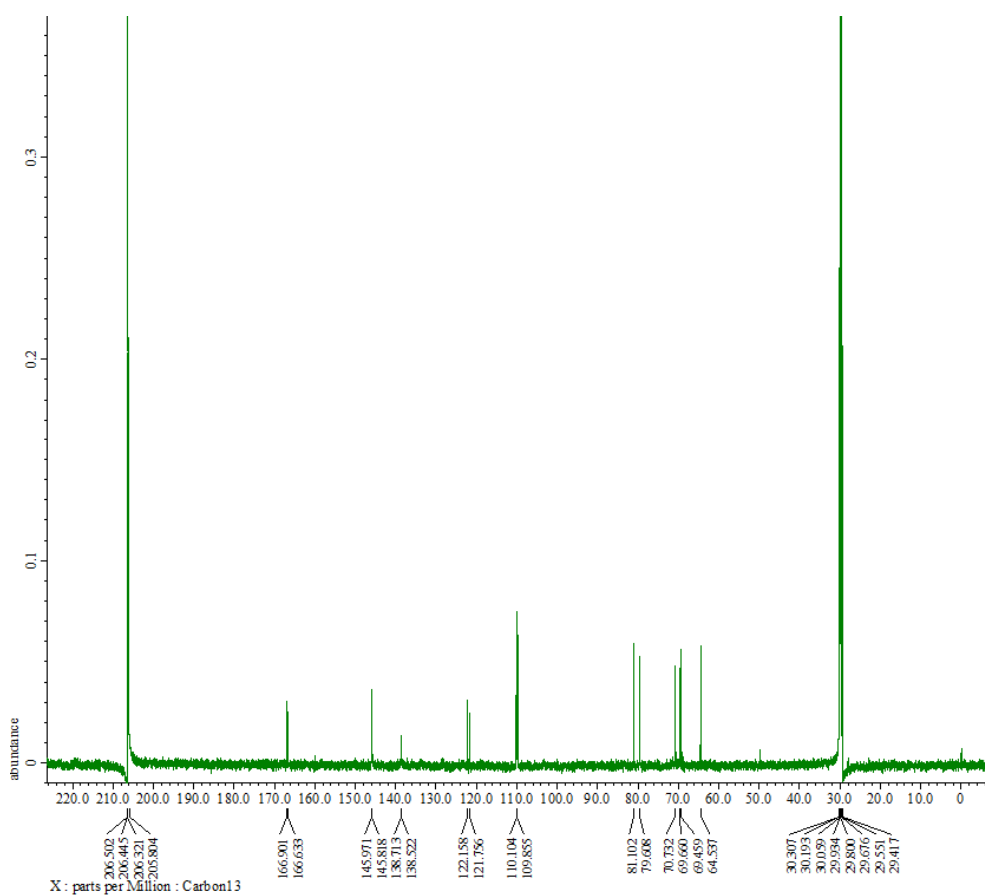
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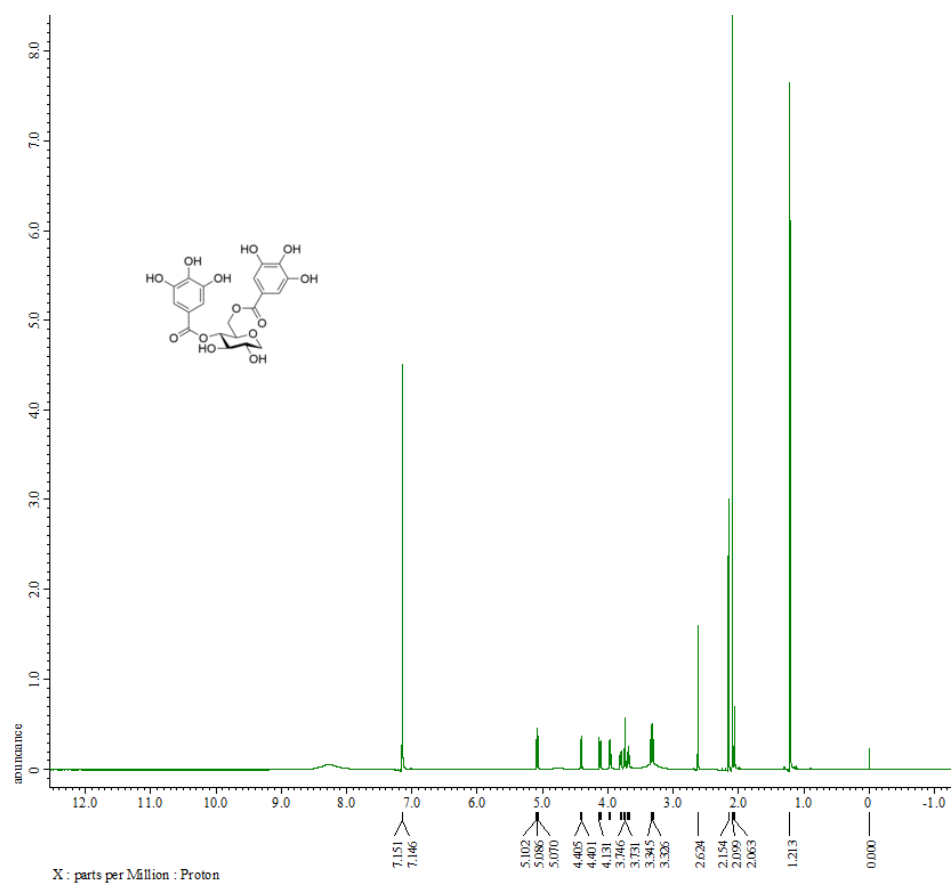
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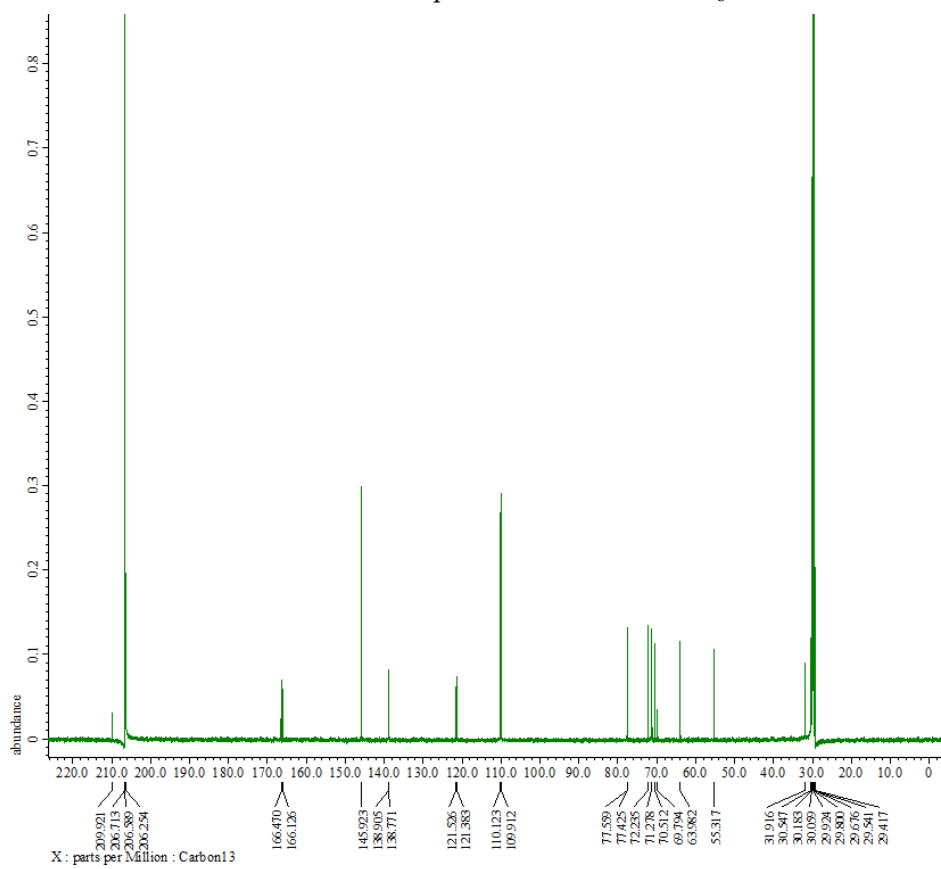
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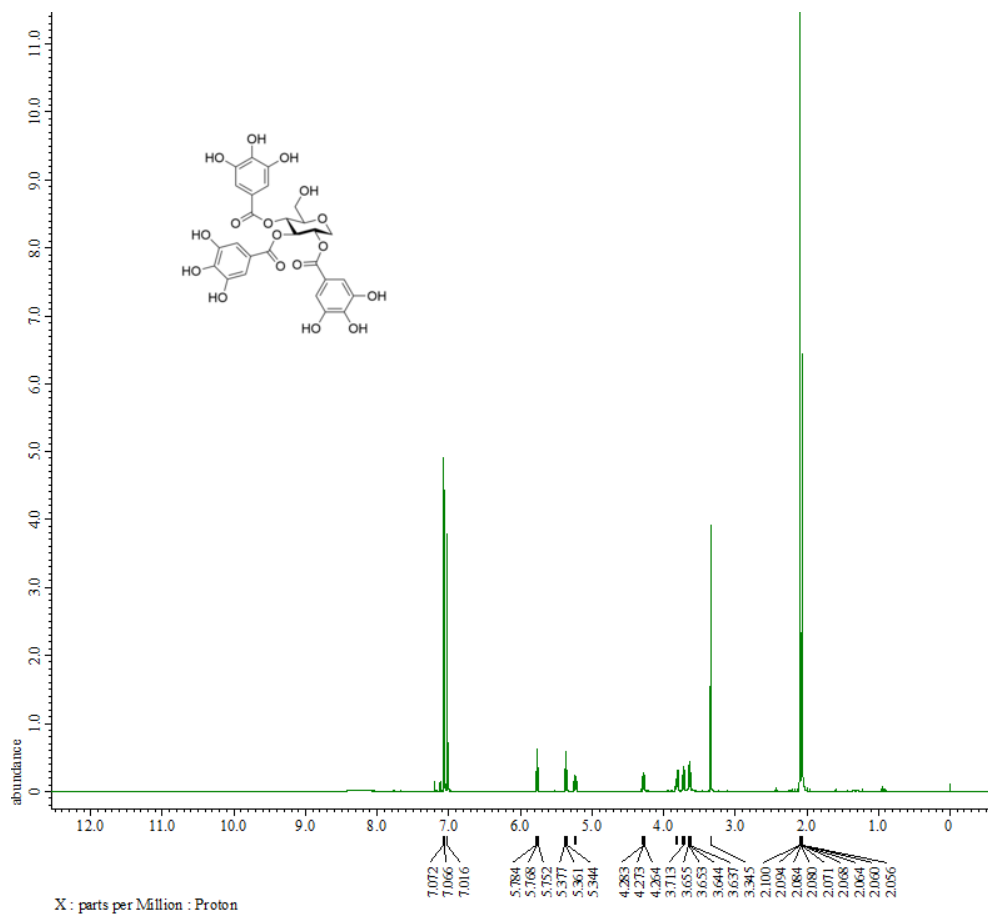
¹H NMR of compound 40 in Acetone-d₆



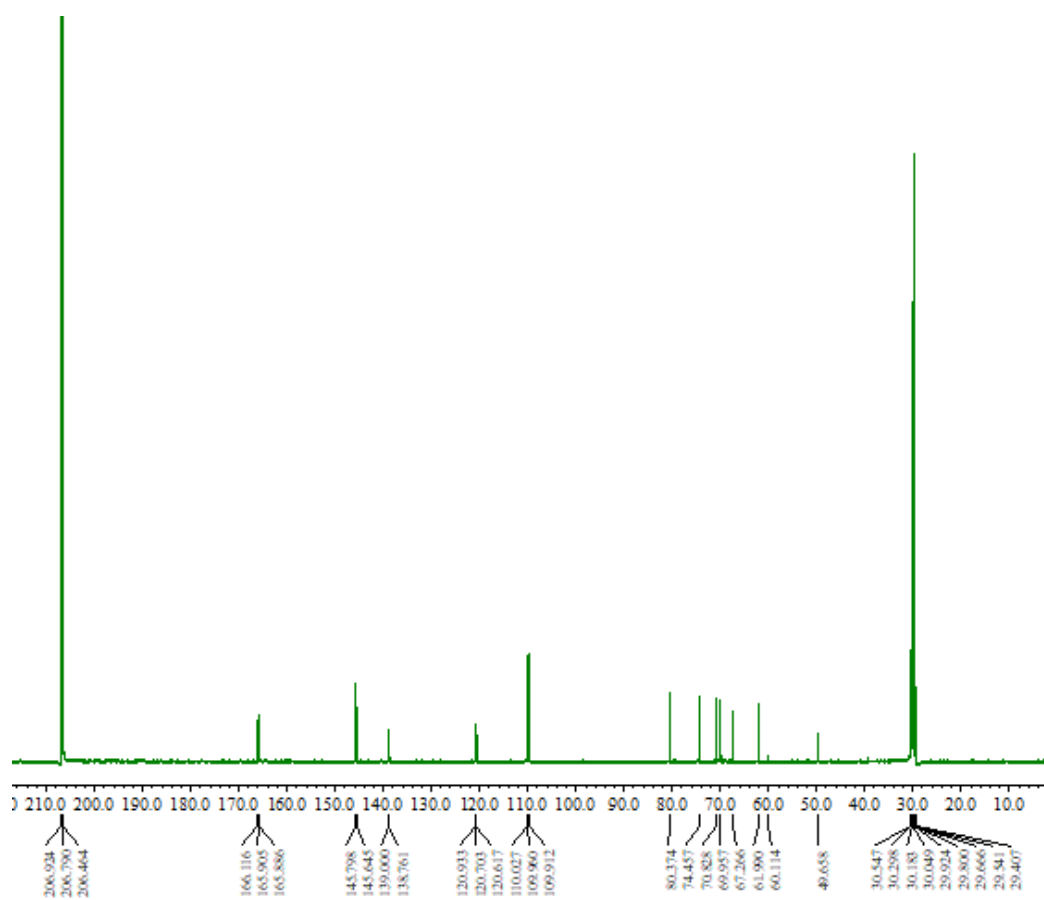
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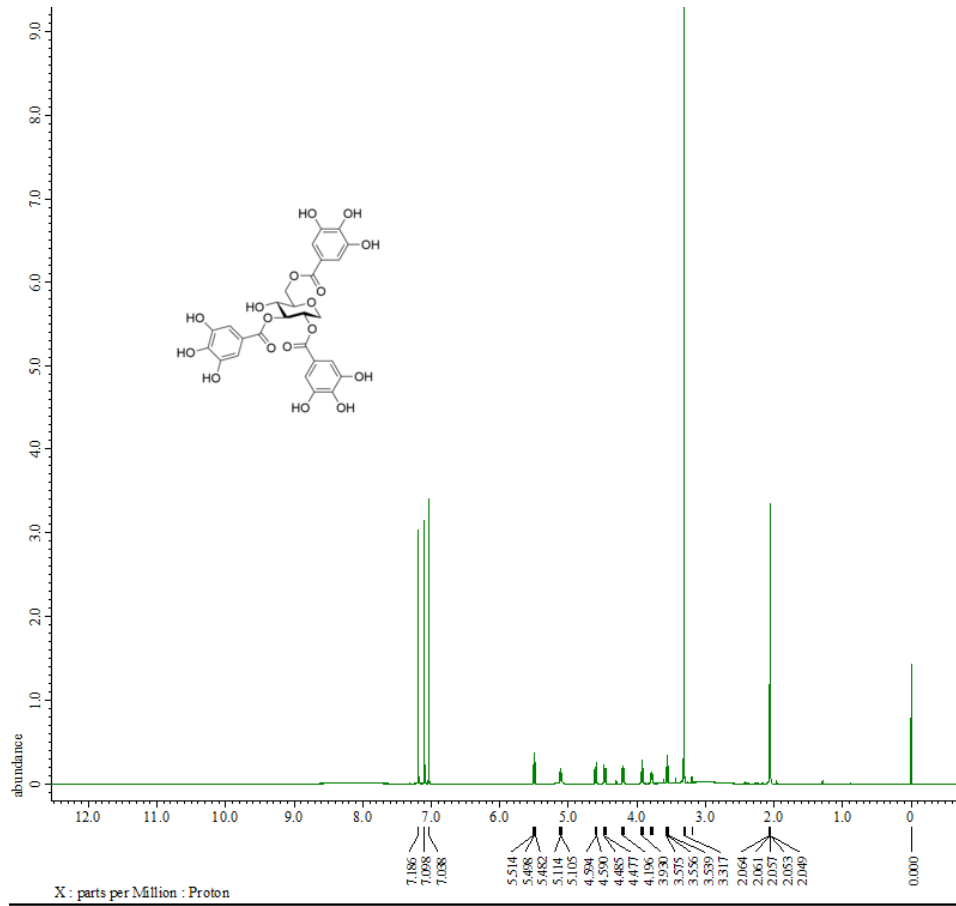
¹H NMR of compound 41 in Acetone-d₆



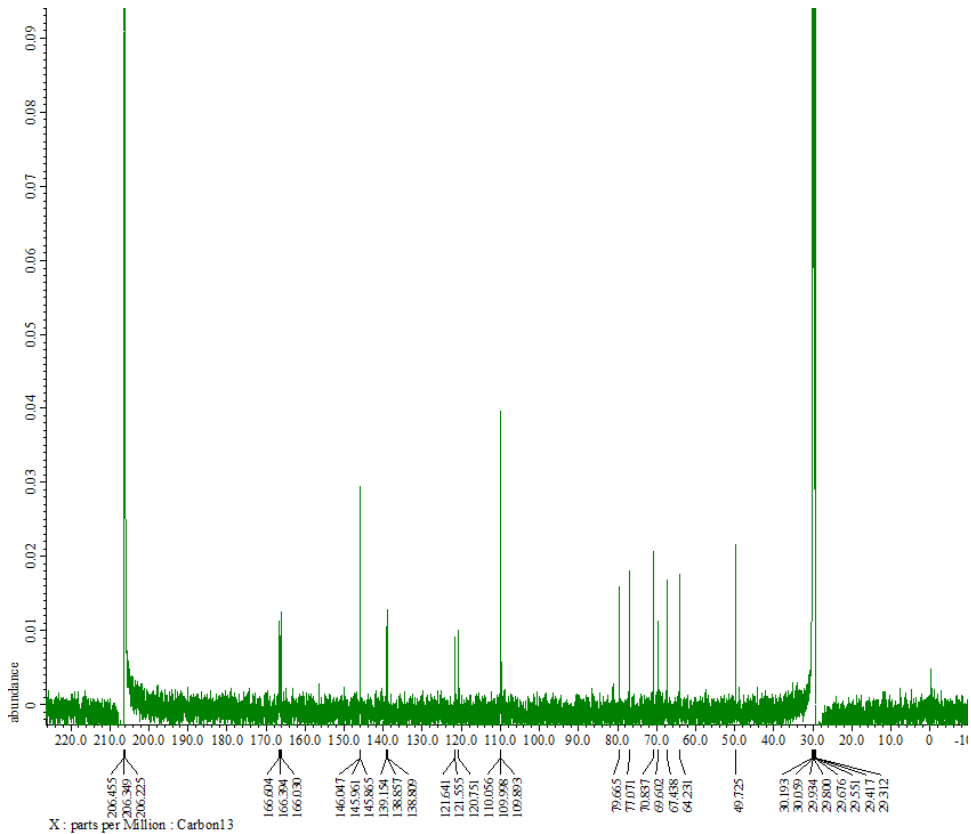
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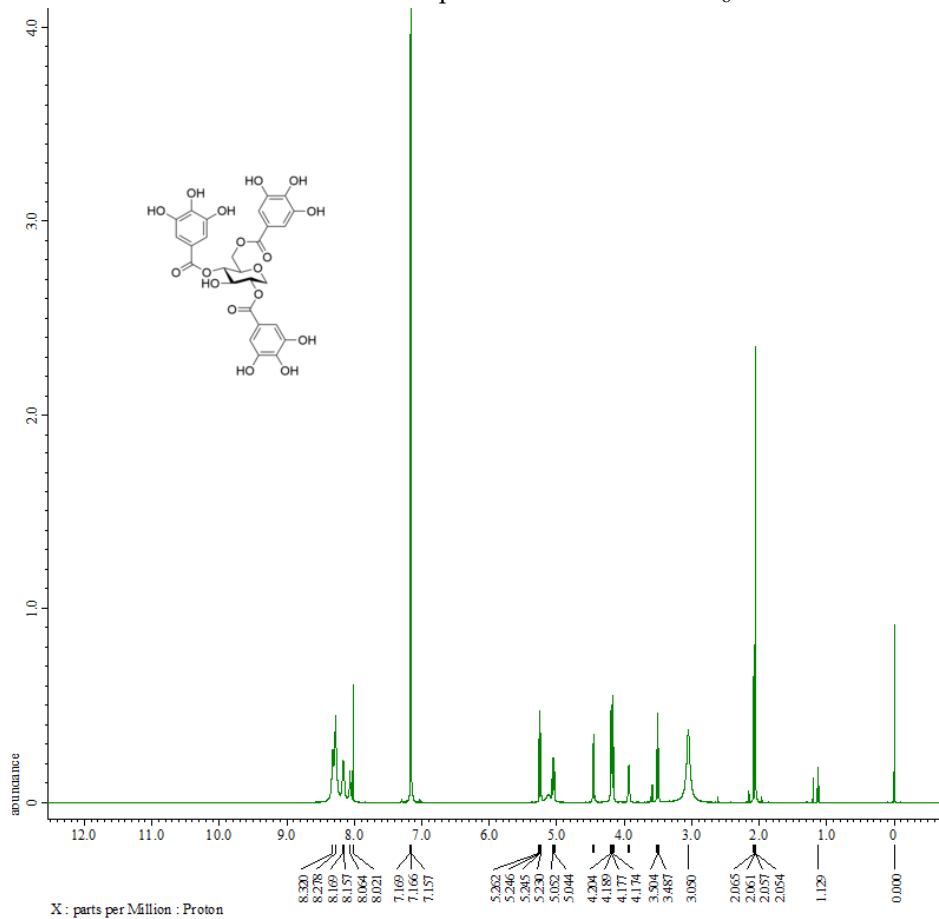
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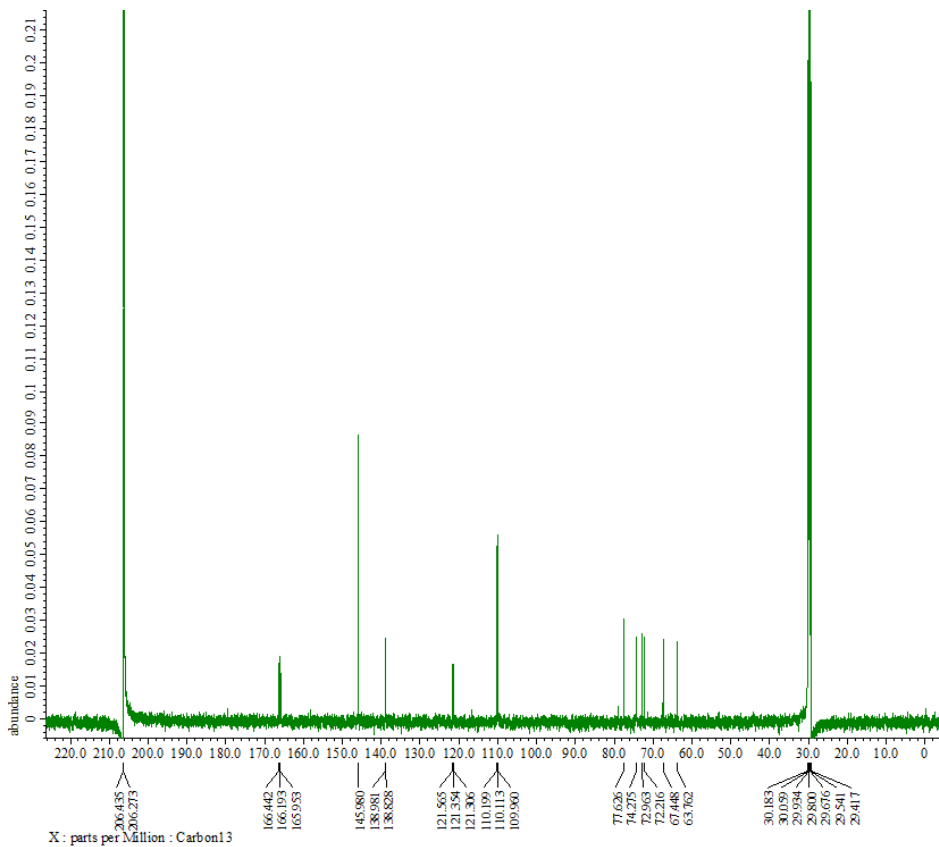
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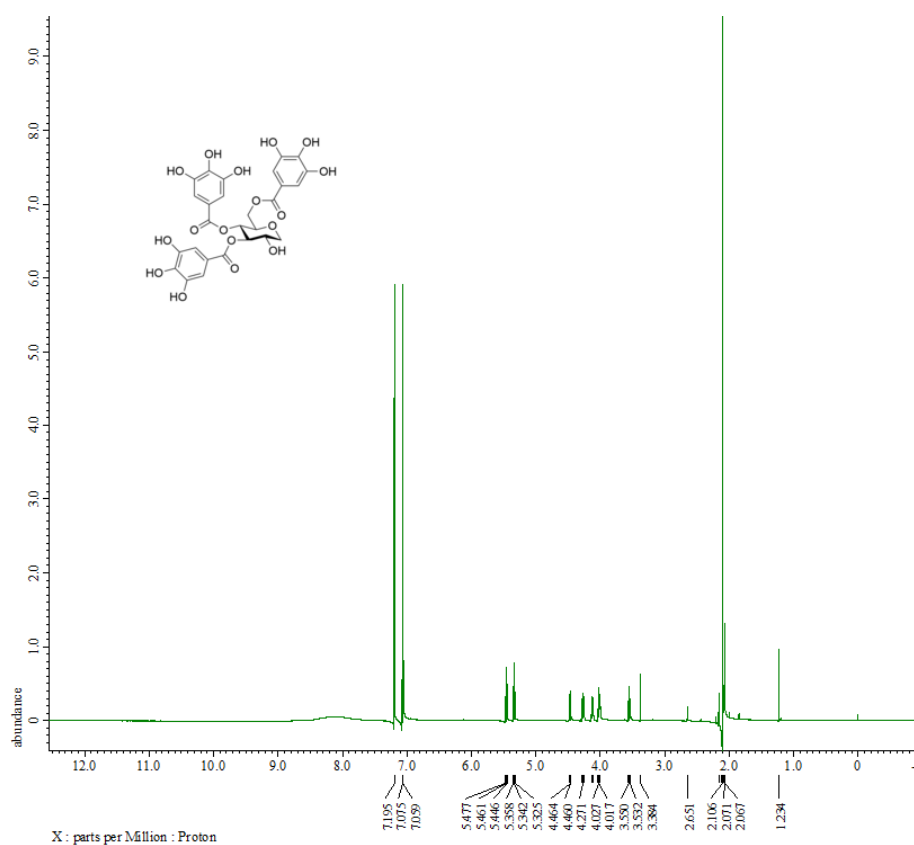
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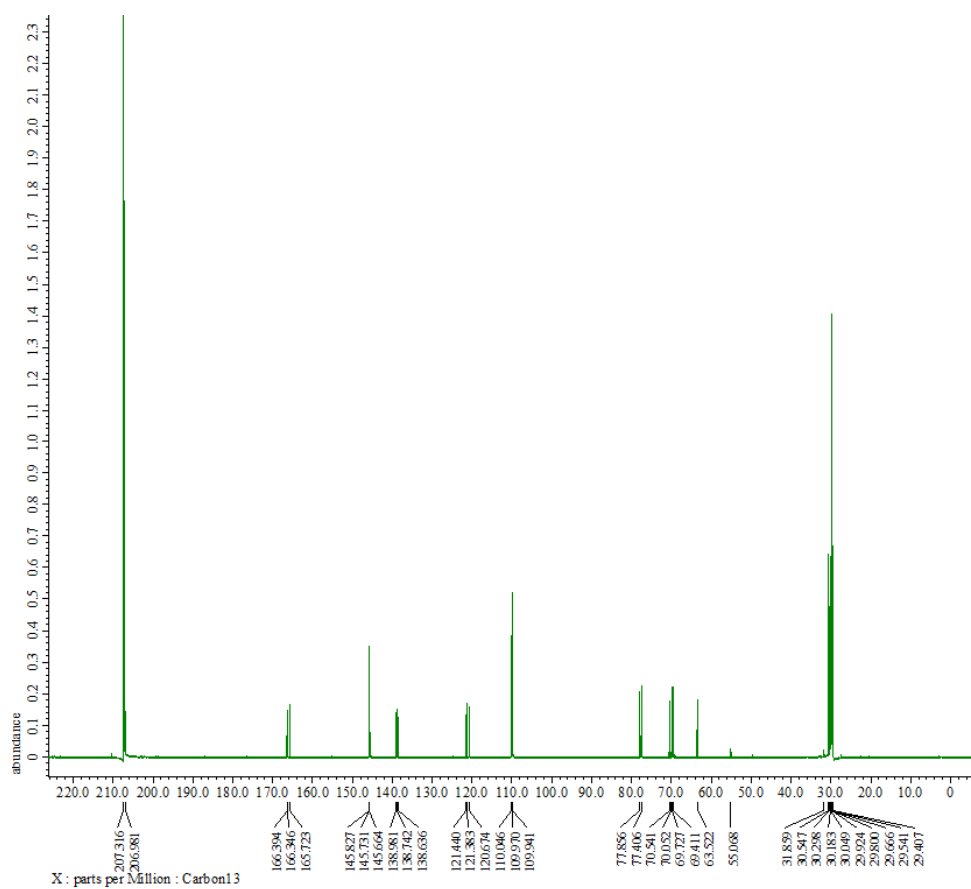
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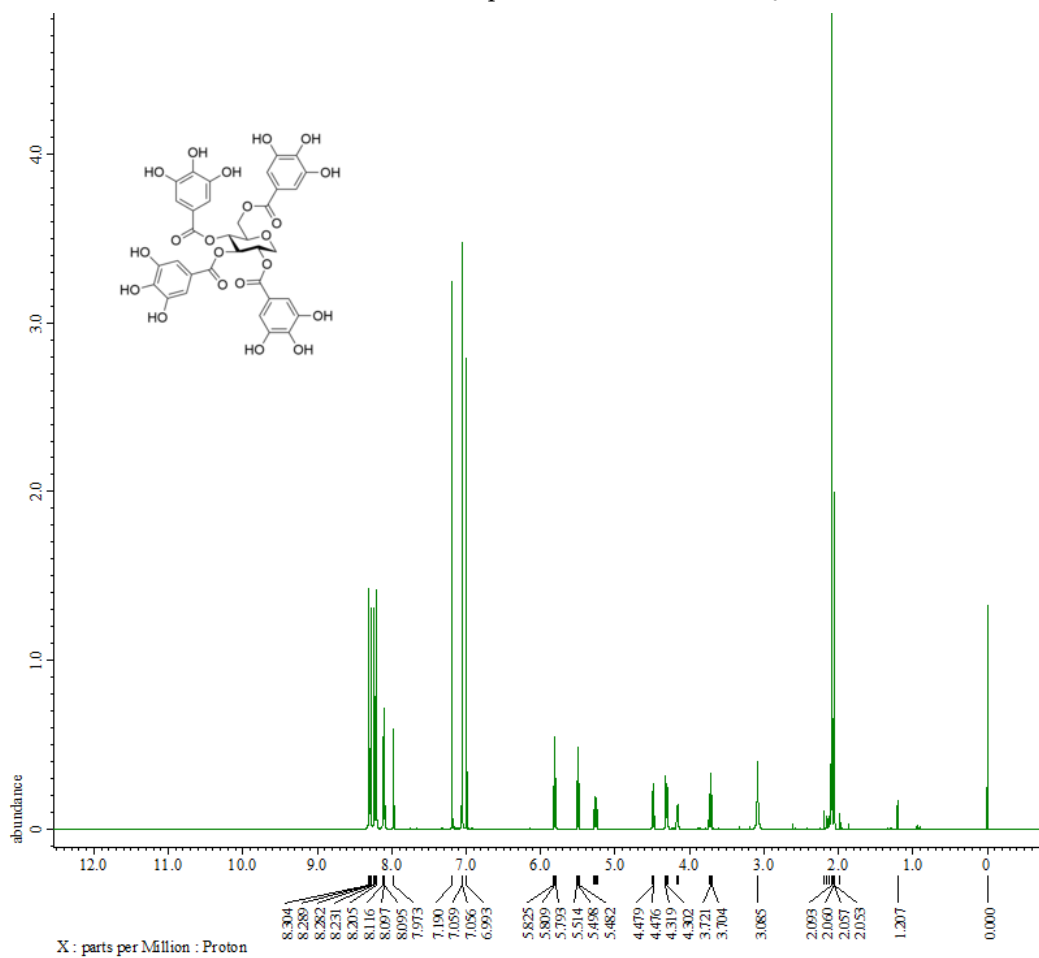
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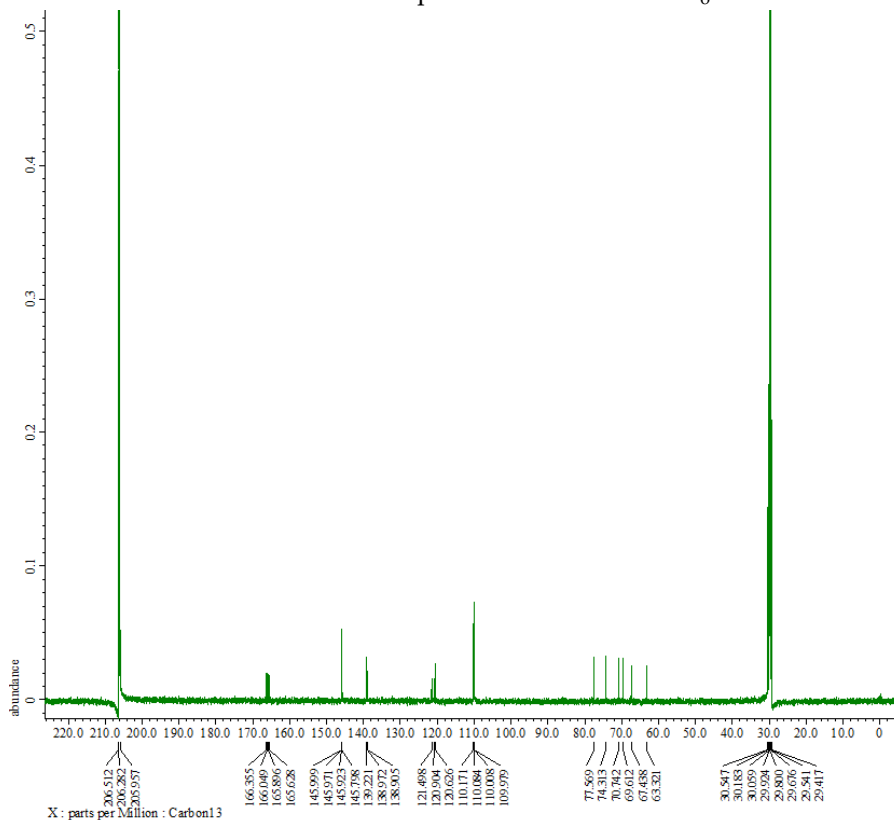
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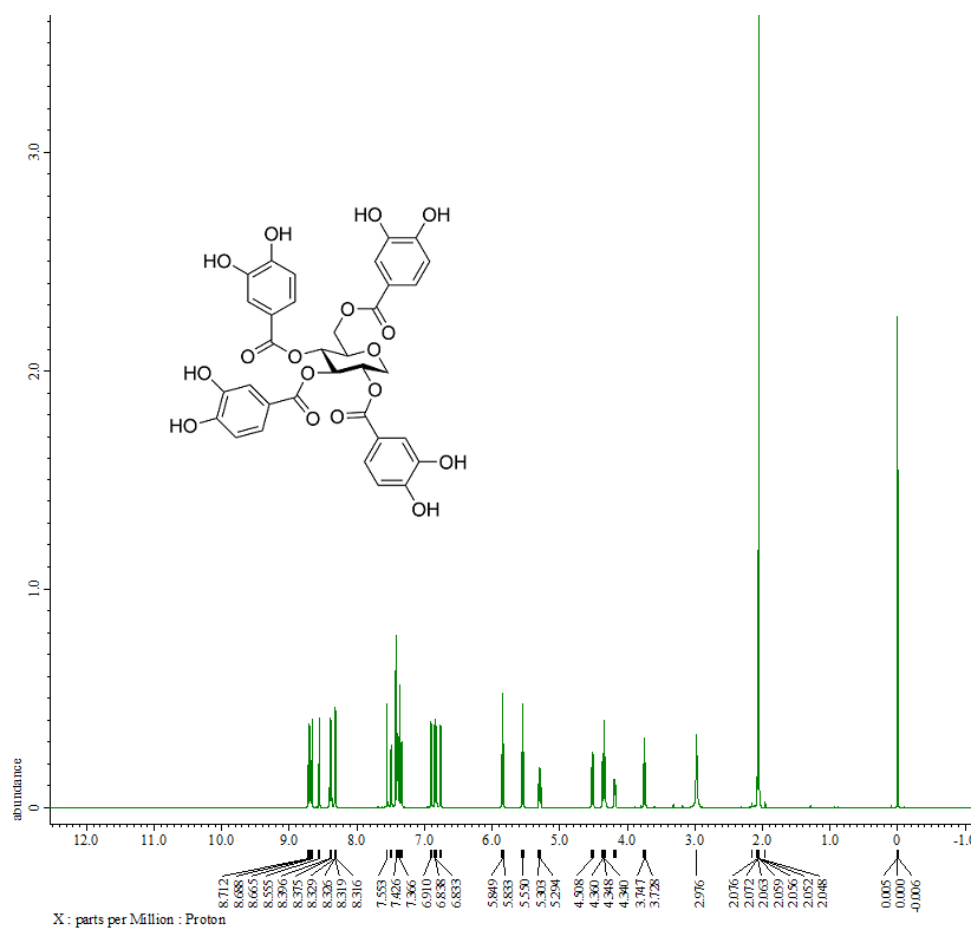
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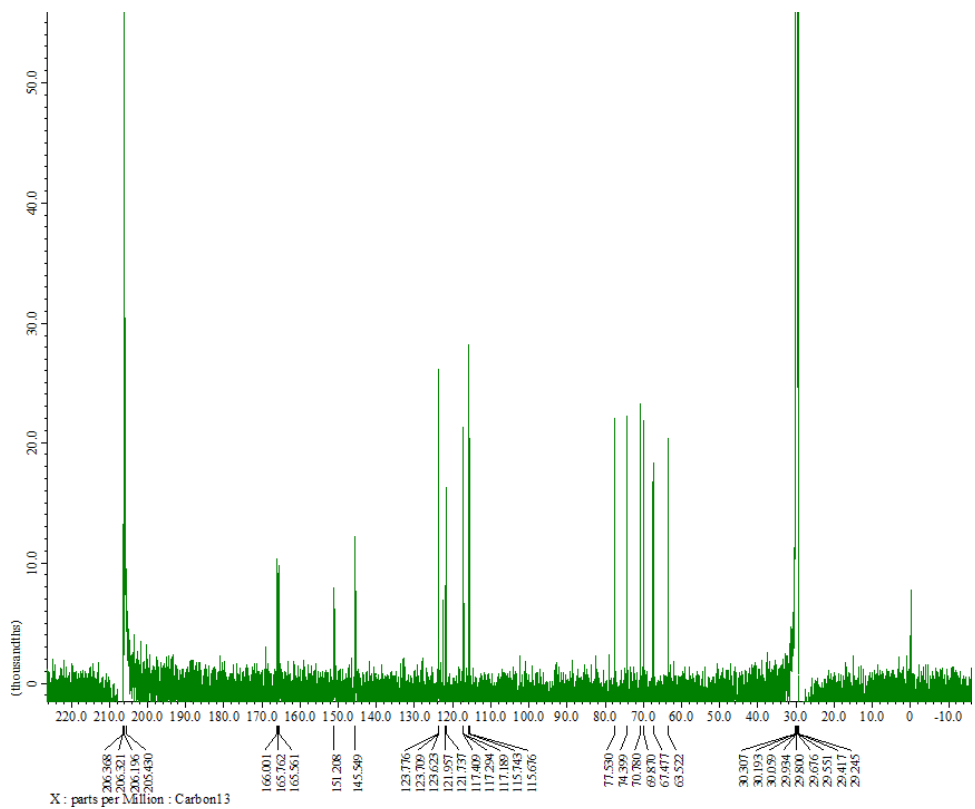
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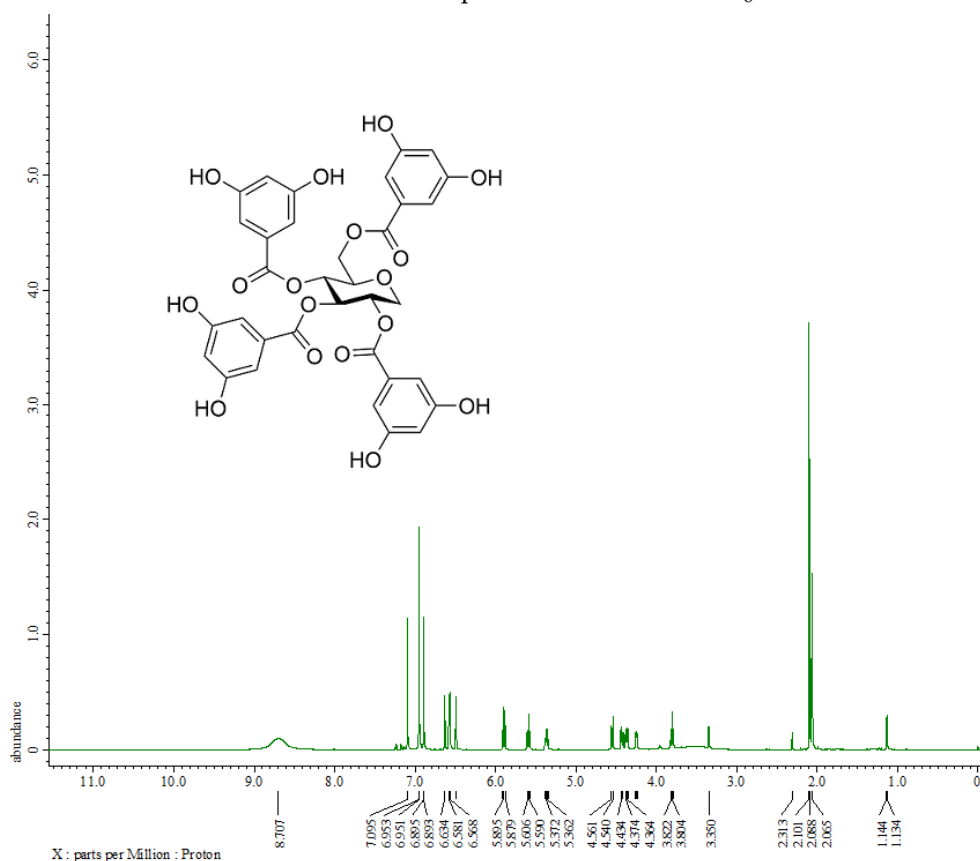
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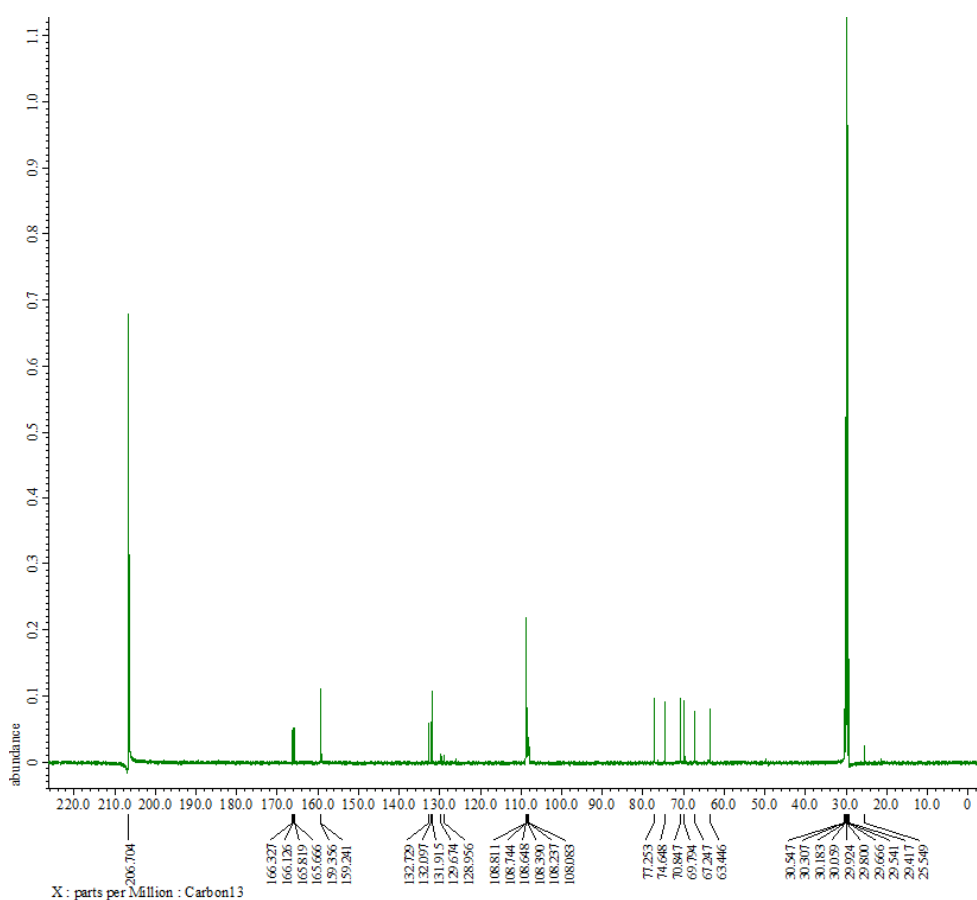
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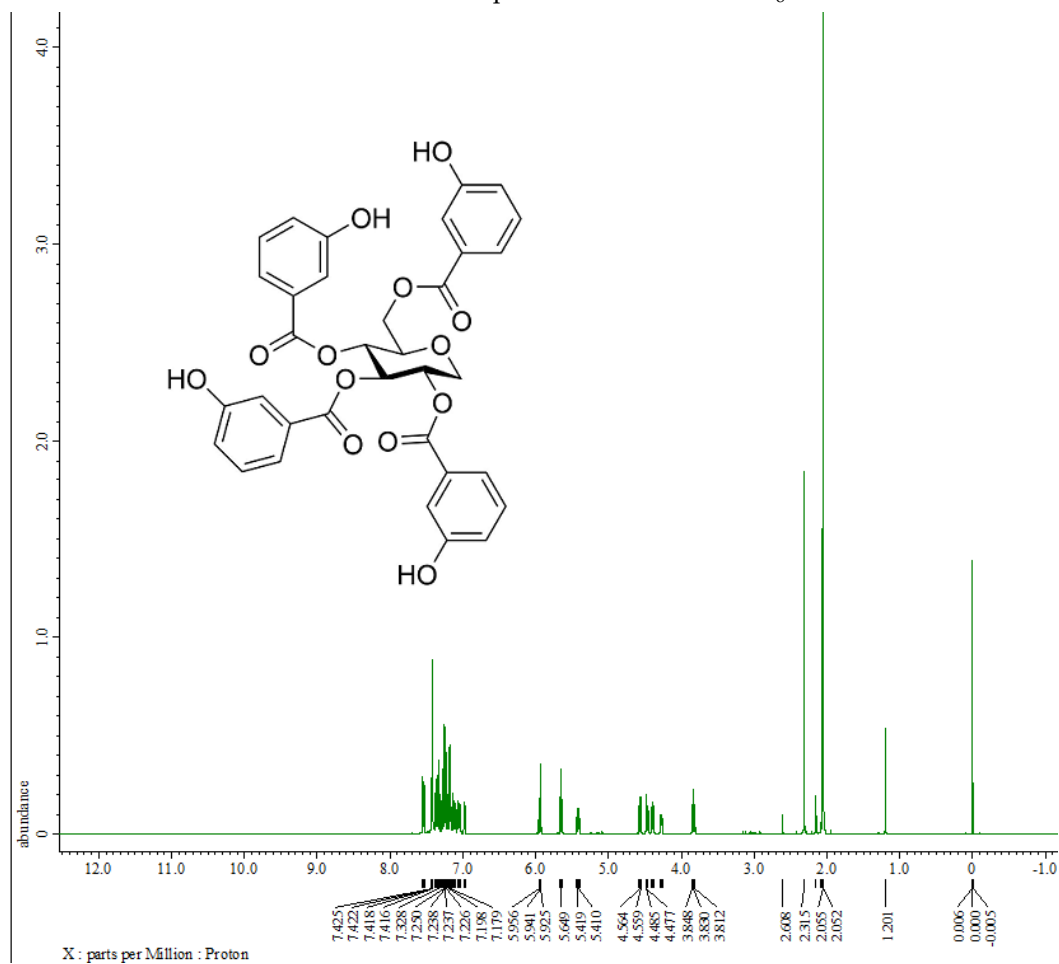
^1H NMR of compound **56** in Acetone- d_6



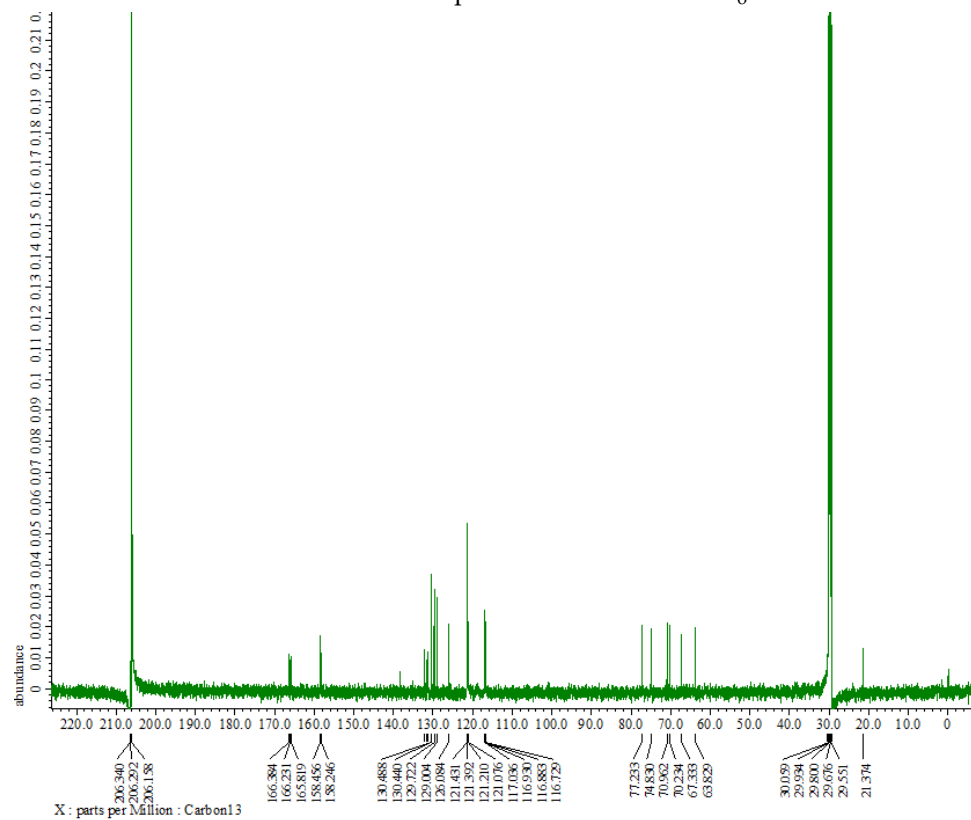
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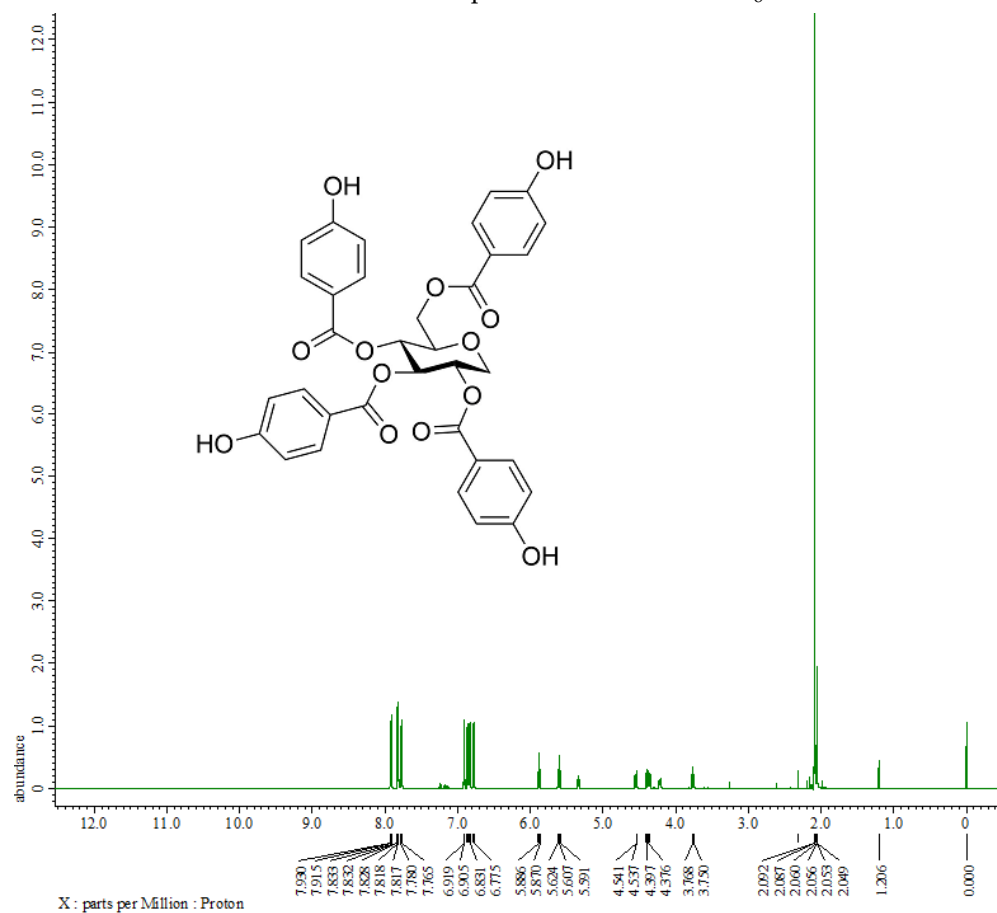
¹H NMR of compound 57 in Acetone-d₆



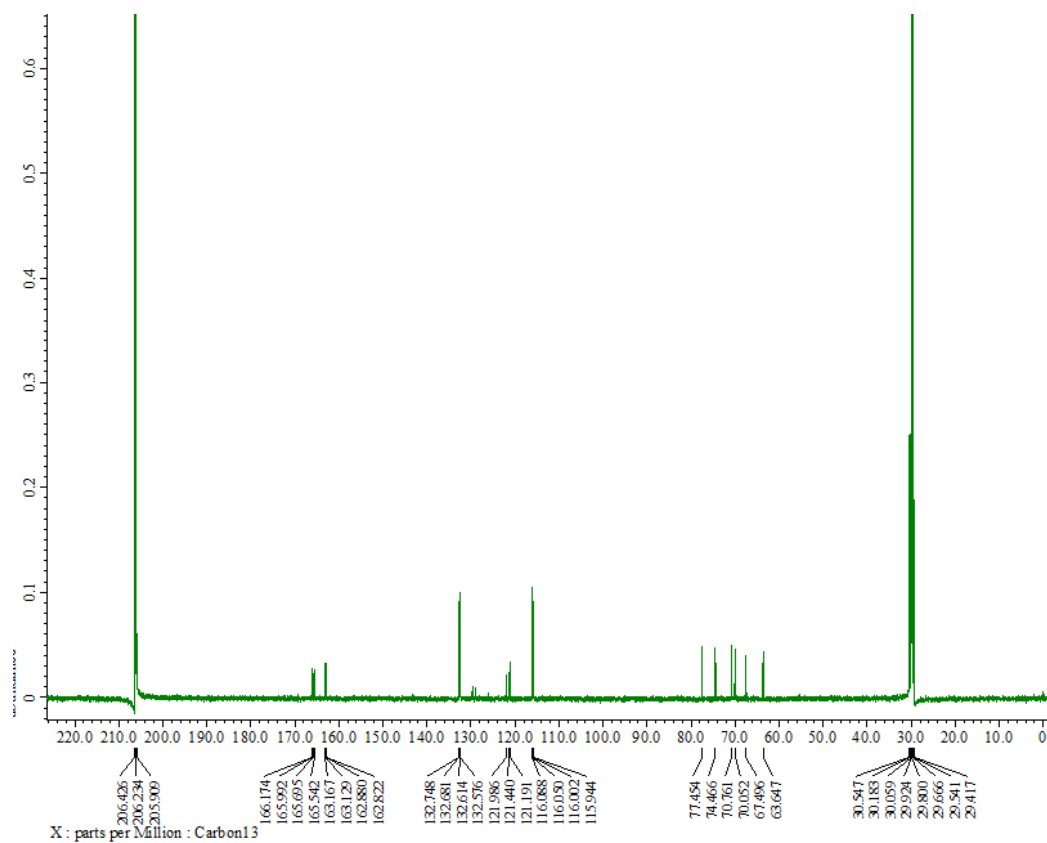
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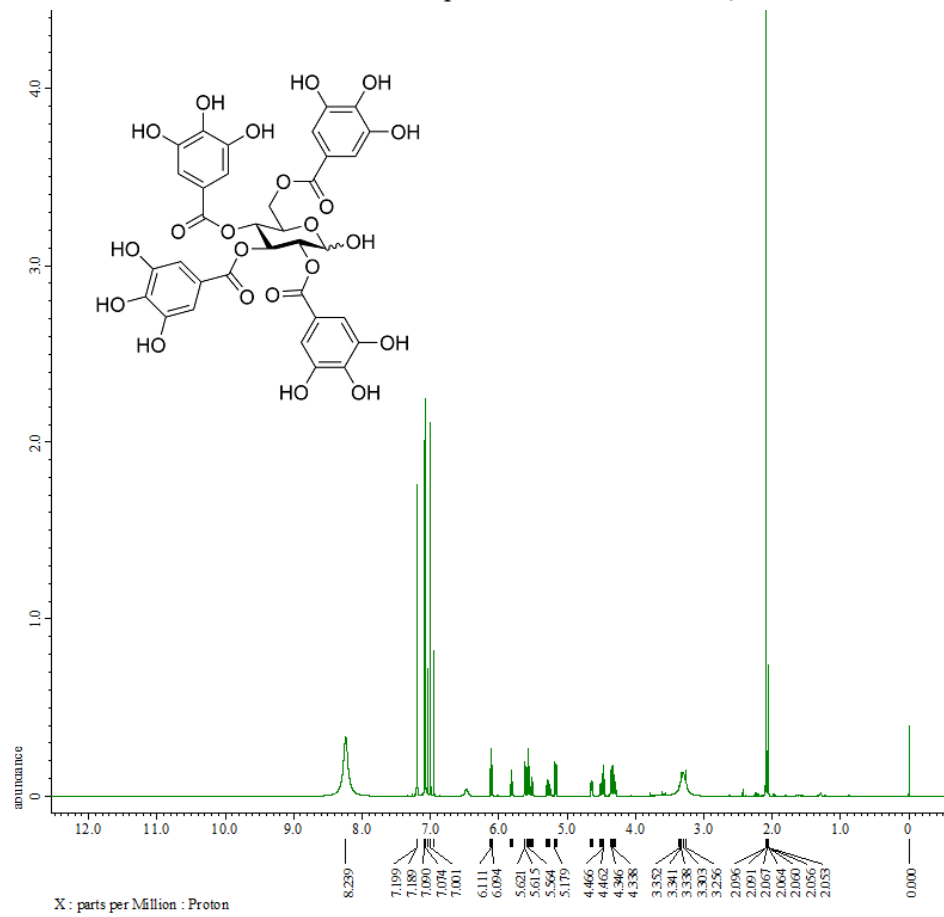
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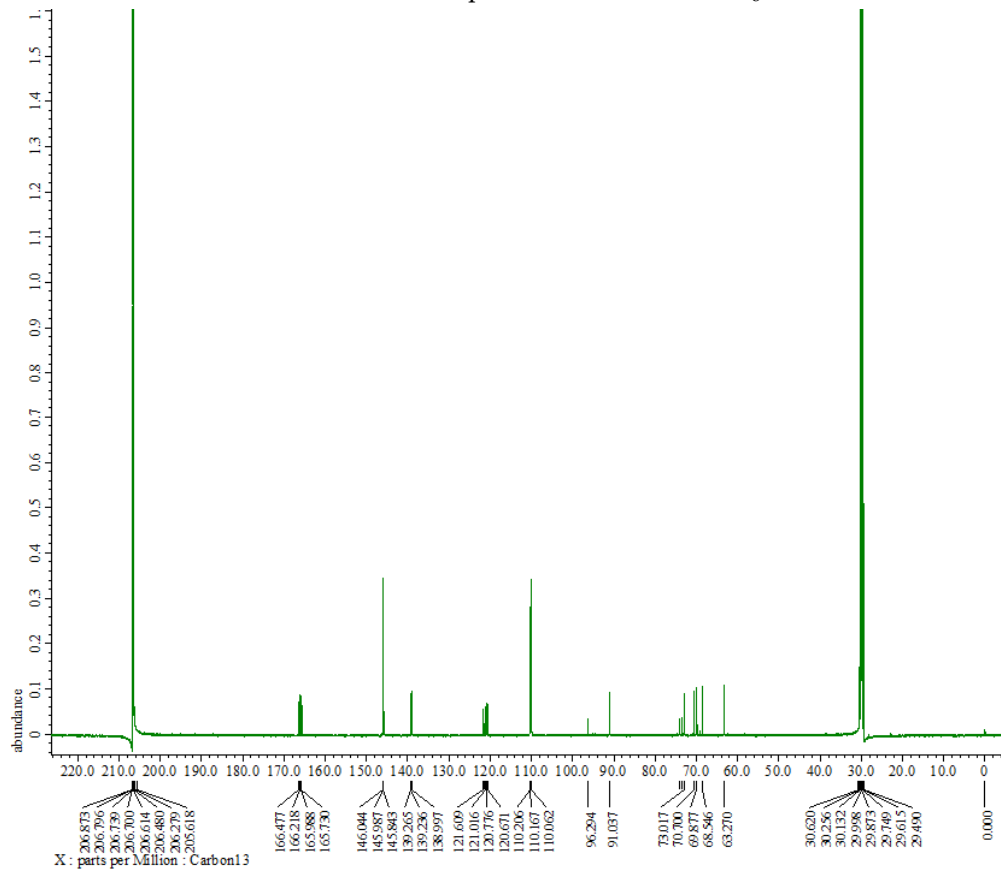
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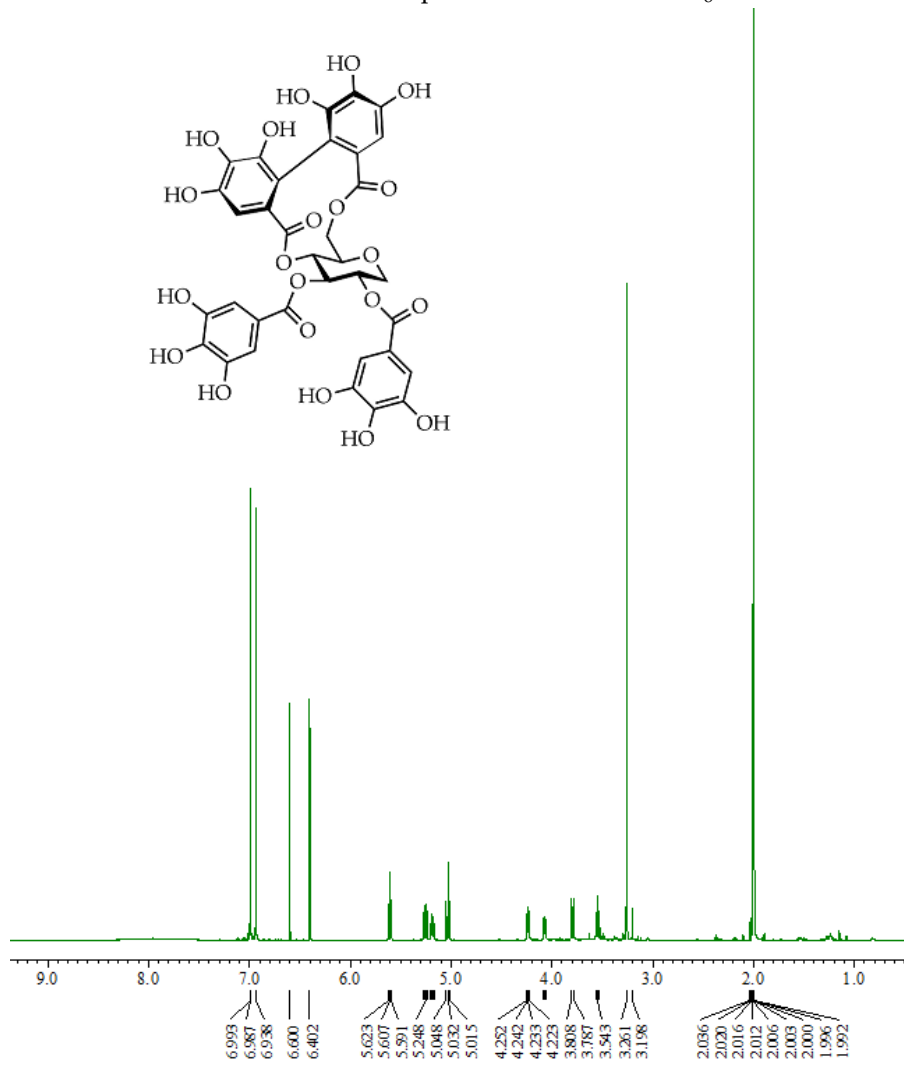
¹H NMR of compound **61** in Acetone-*d*₆



¹³C NMR of compound **61** in Acetone-*d*₆



^1H NMR of compound **67** in Acetone- d_6



^{13}C NMR of compound **67** in CD_3OD

