

## Supporting information

for

# Synthesis of complex intermediates for the study of a dehydratase from borrelidin biosynthesis

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Cambridge CB2 1GA, United Kingdom

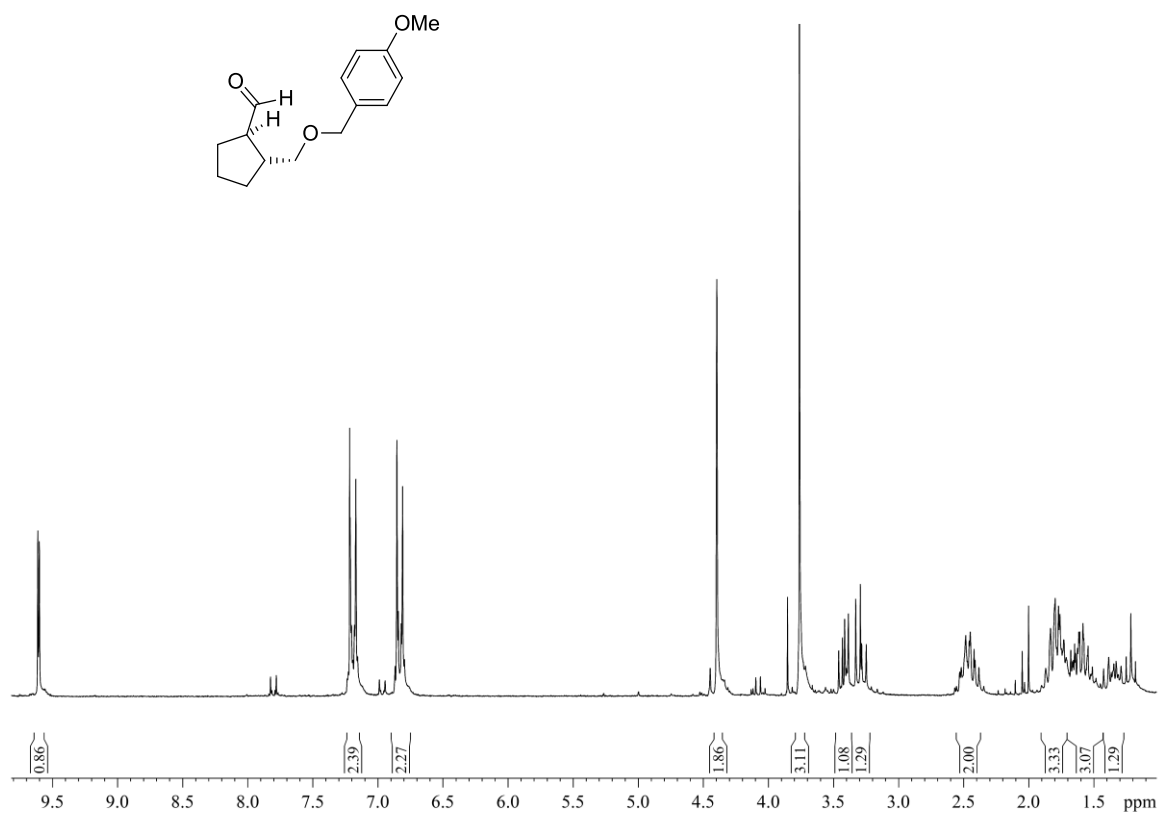
Email: Frank Hahn - frank.hahn@oci.uni-hannover.de

\*Corresponding author

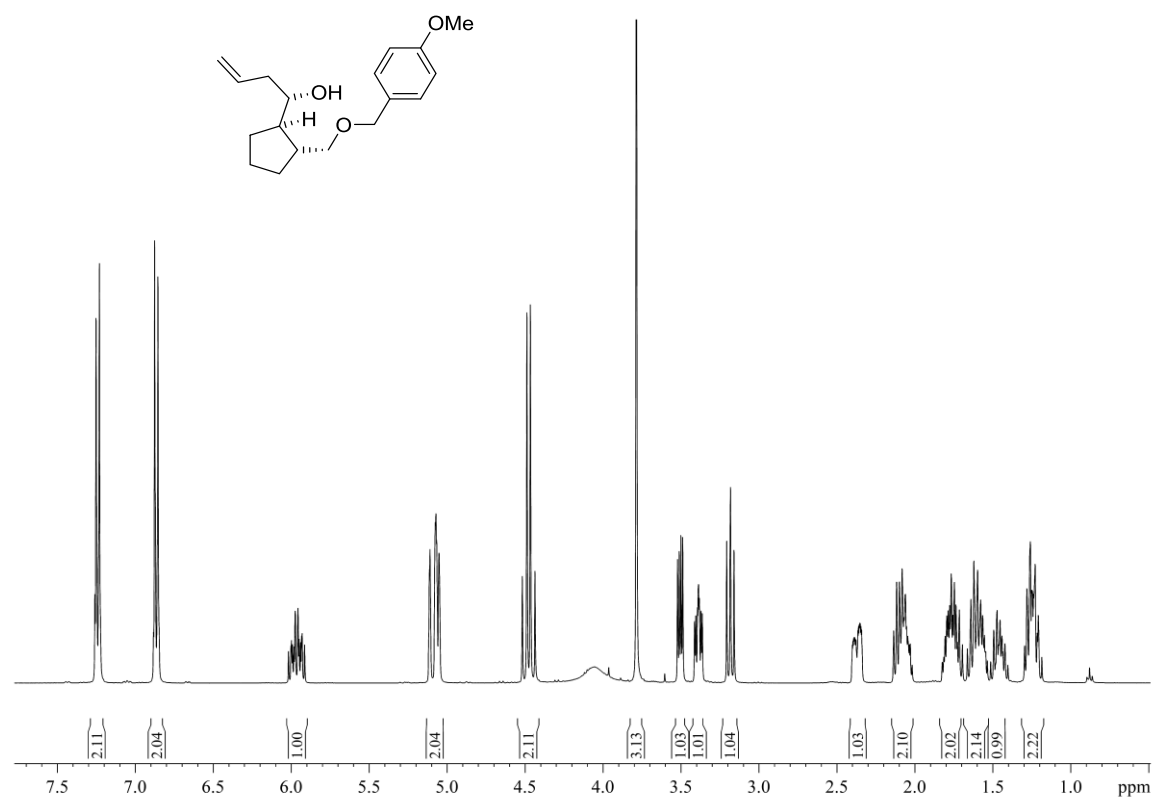
§These authors contributed equally

## NMR spectra

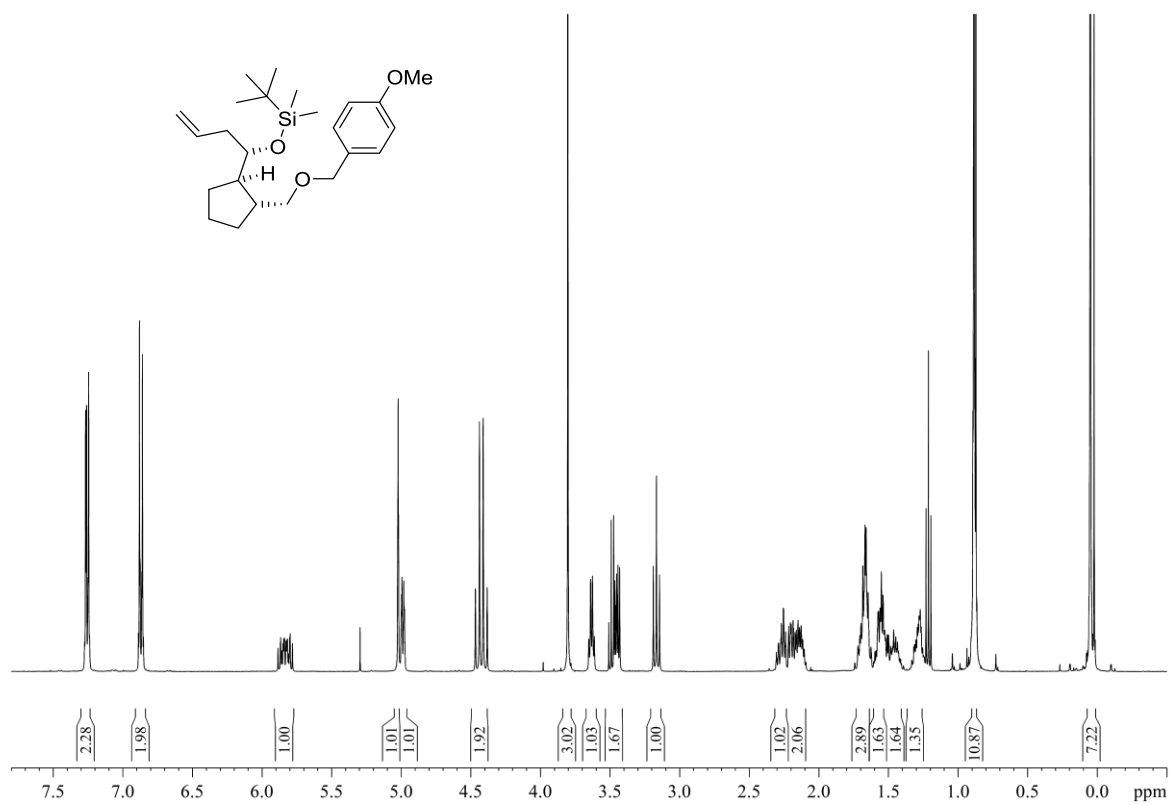
CDCl<sub>3</sub>, 200 MHz



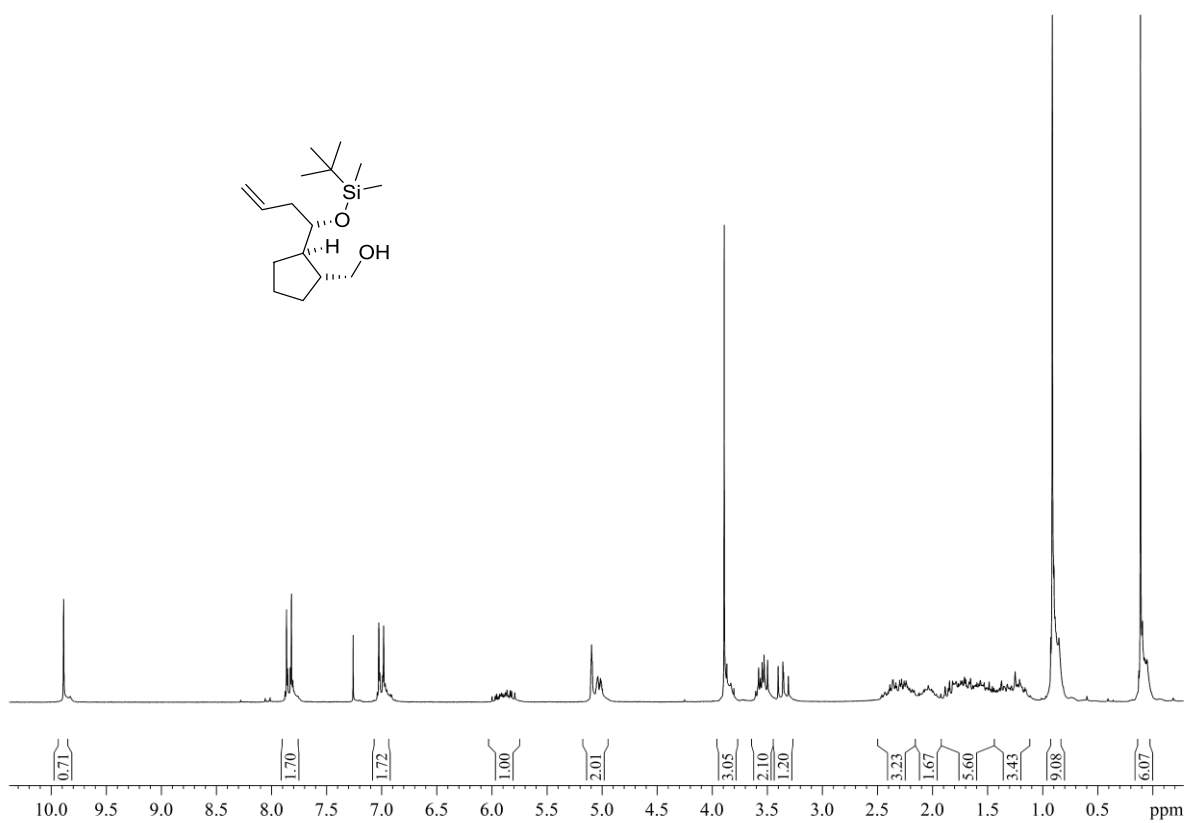
CDCl<sub>3</sub>, 200 MHz



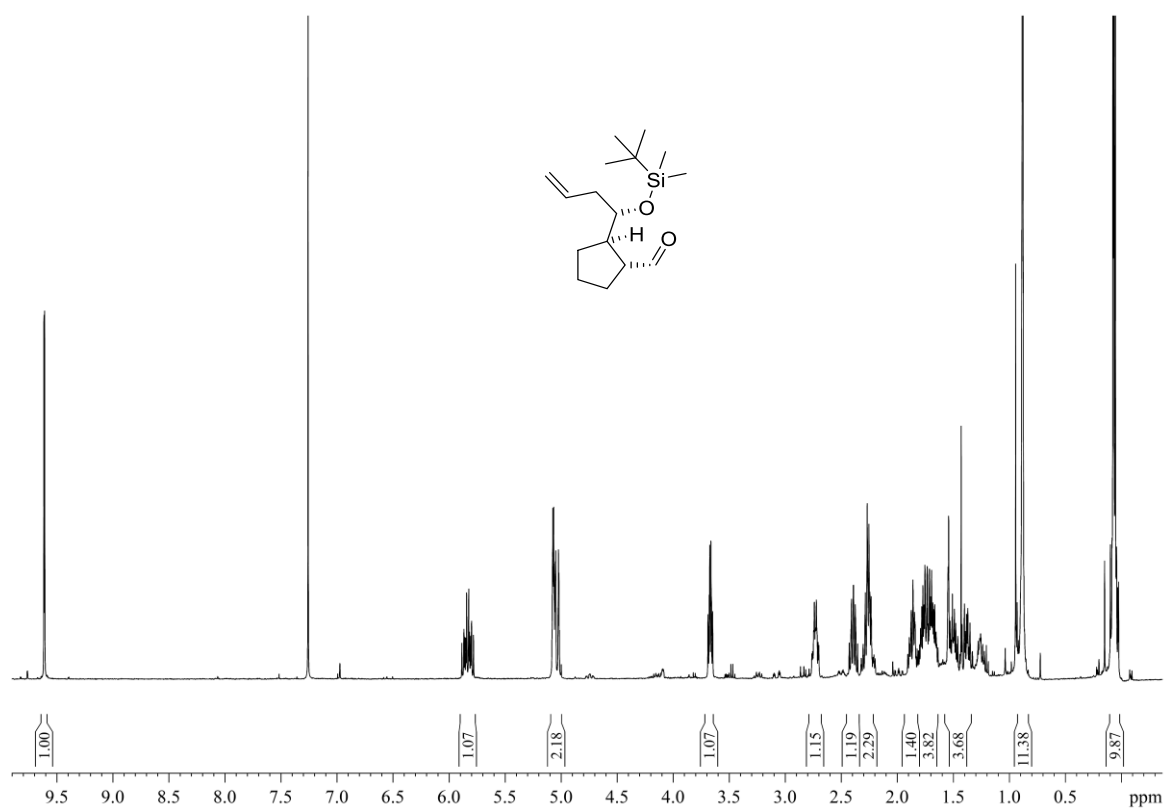
CDCl<sub>3</sub>, 400 MHz



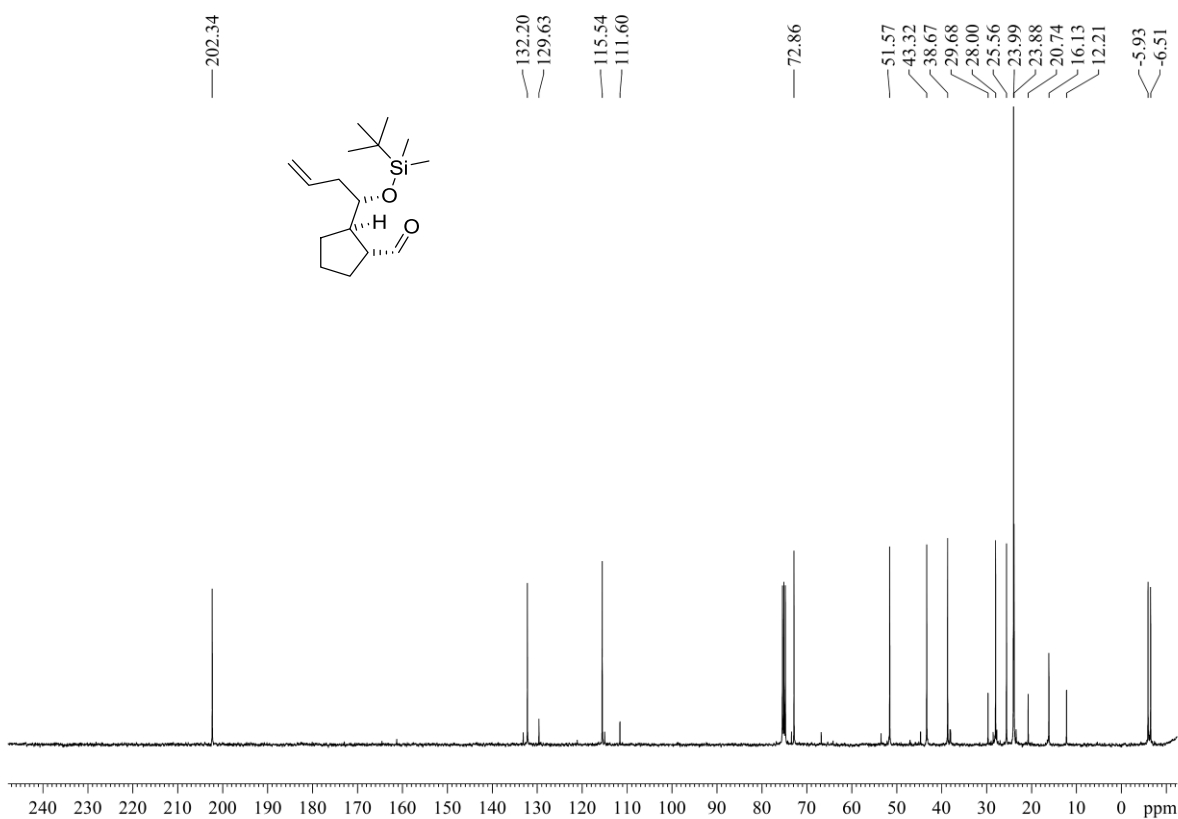
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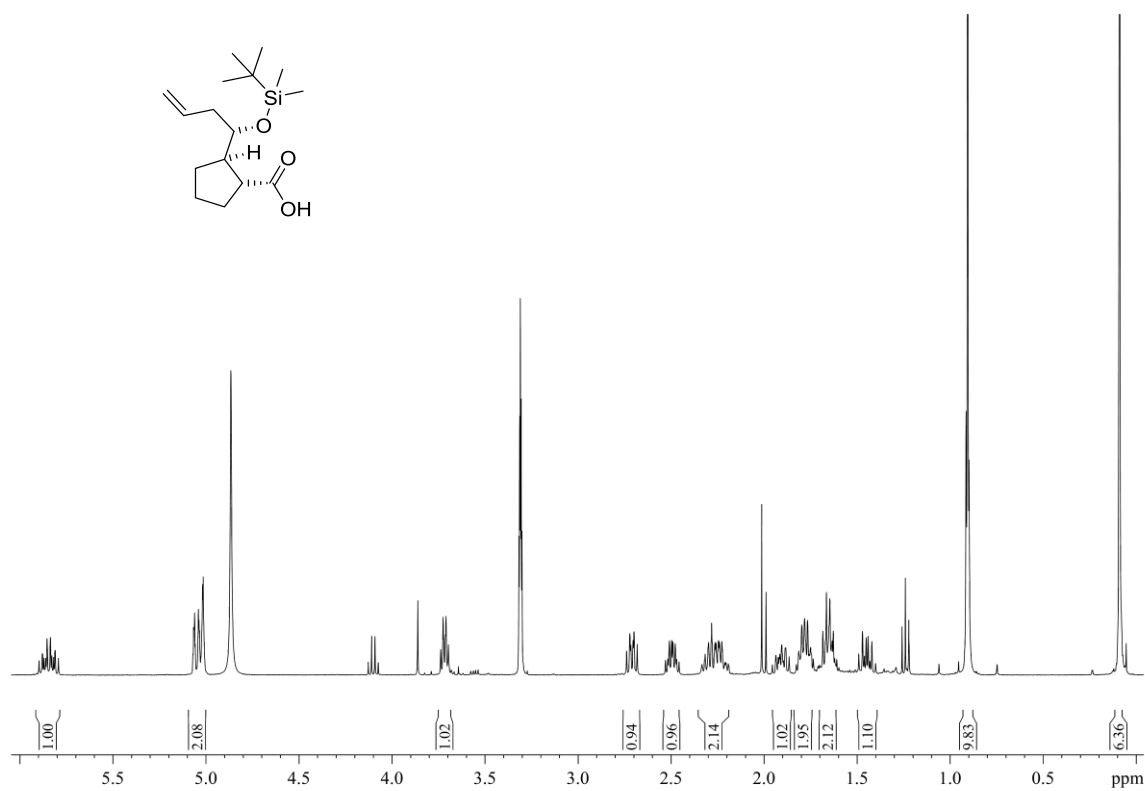
CDCl<sub>3</sub>, 200 MHz



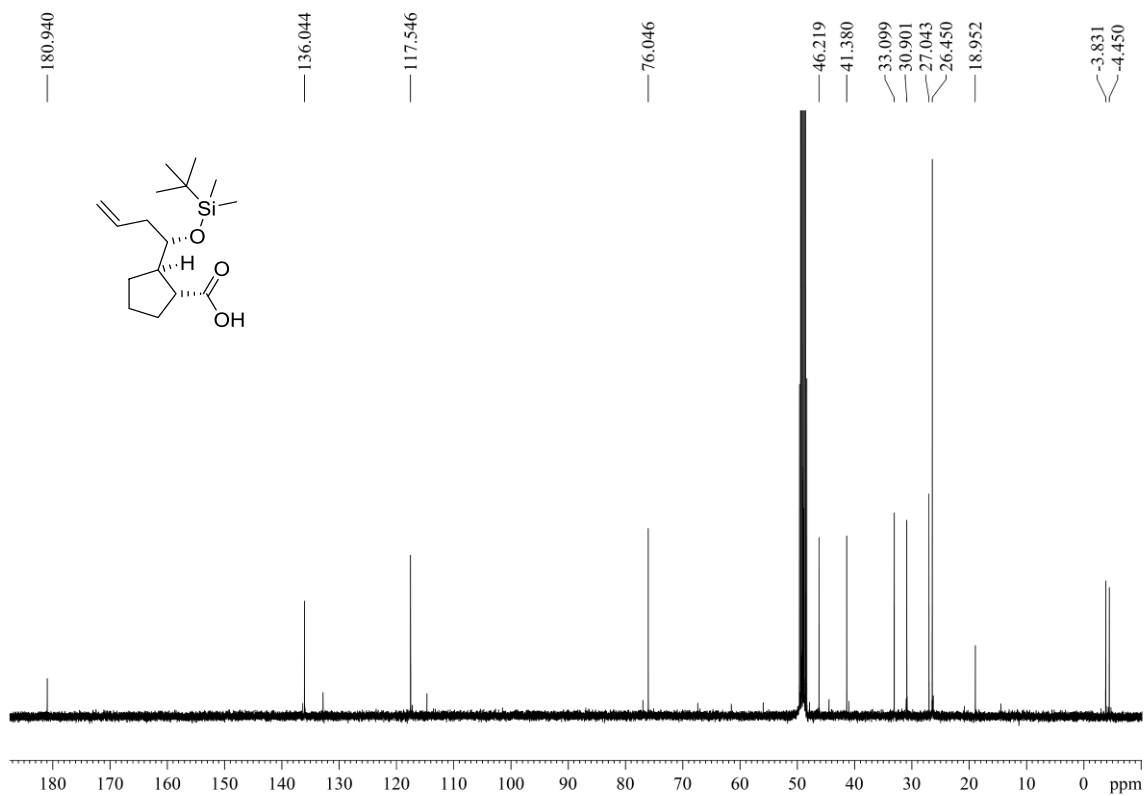
CDCl<sub>3</sub>, 100 MHz



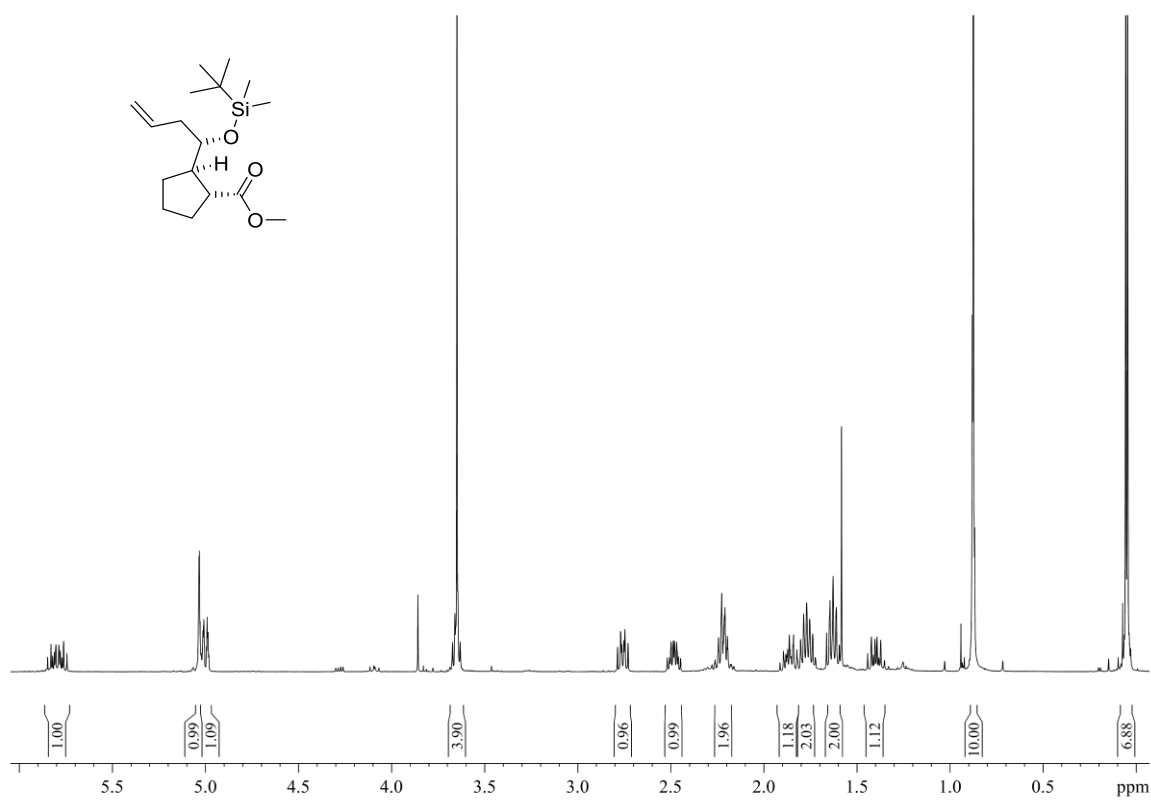
MeOD, 400 MHz



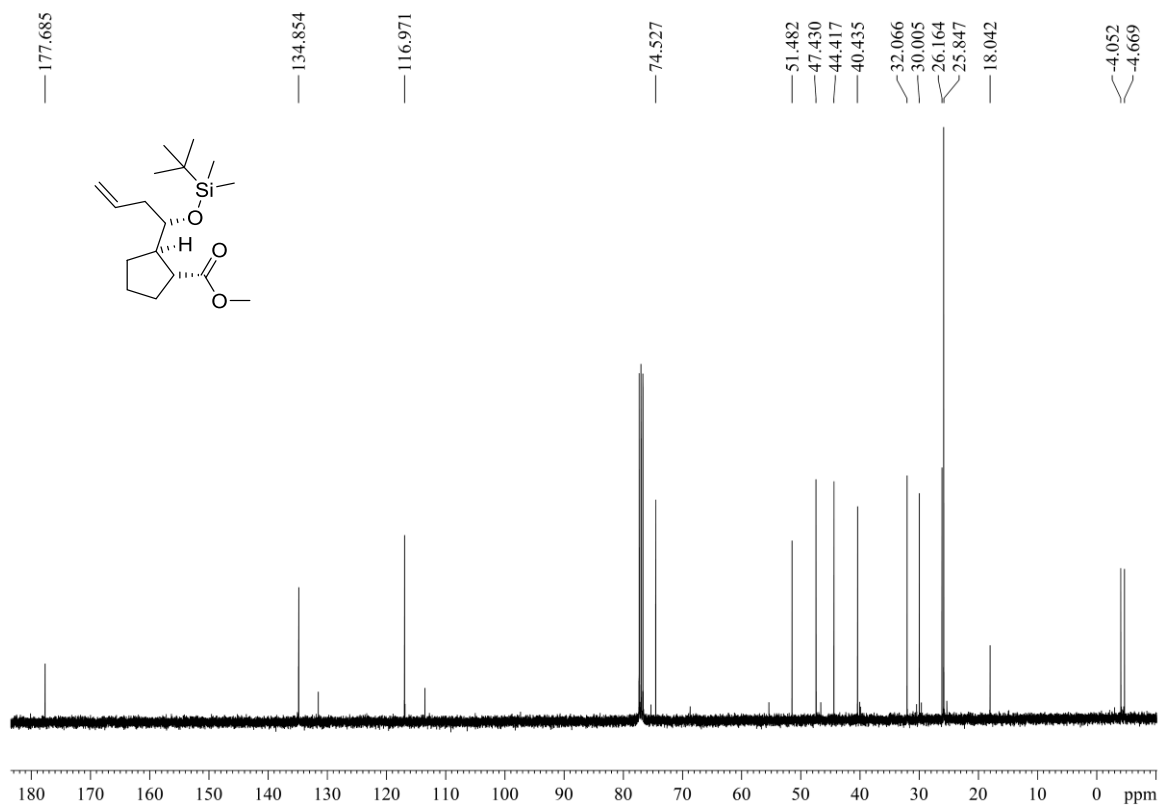
MeOD, 100 MHz



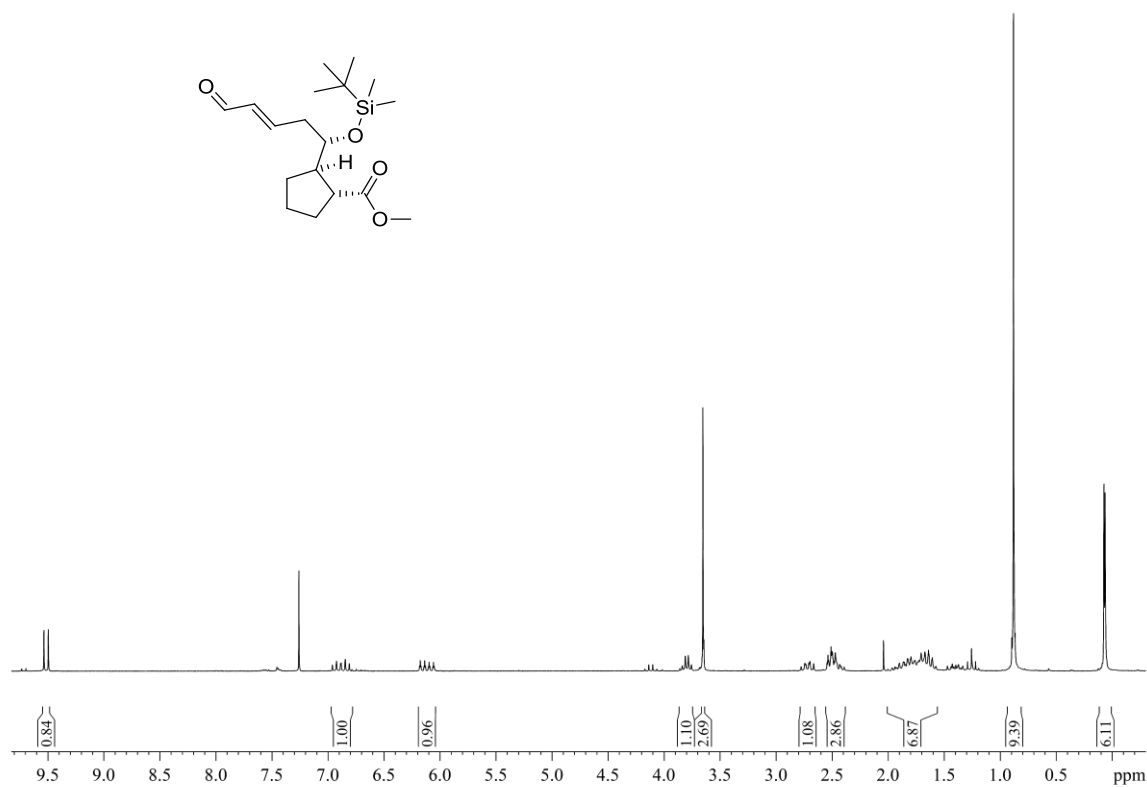
CDCl<sub>3</sub>, 400 MHz



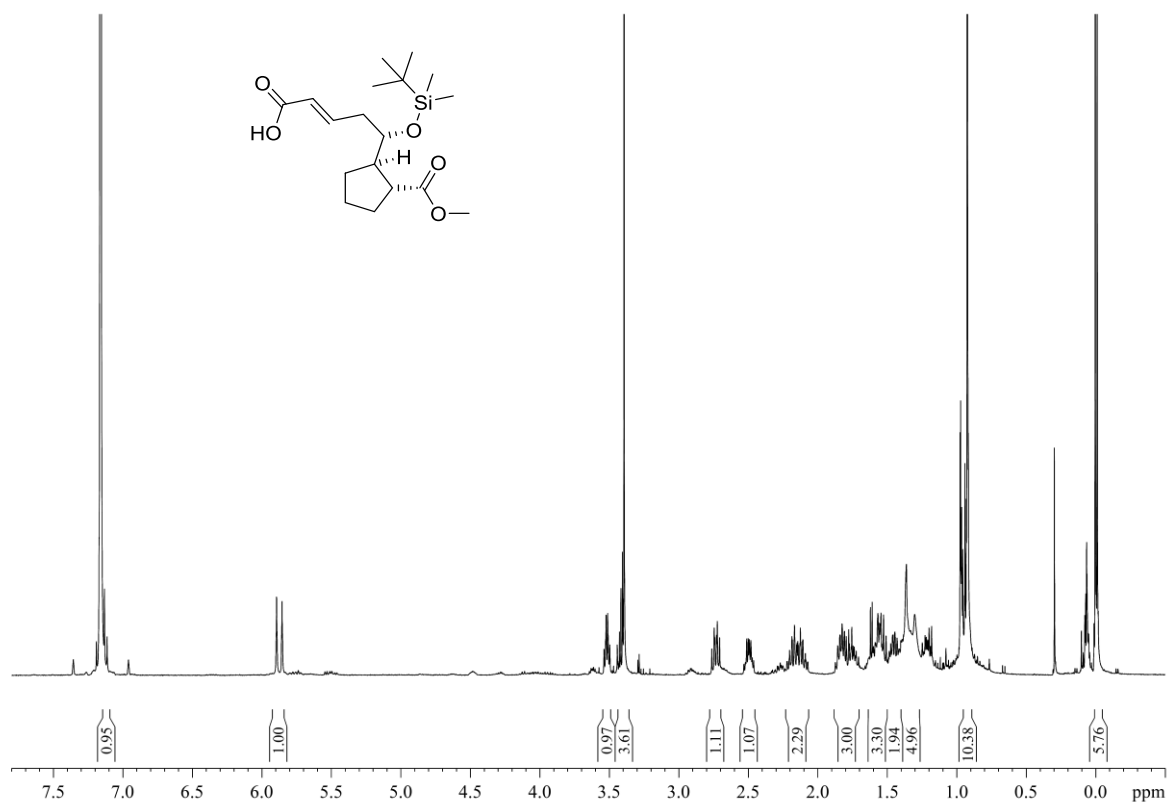
CDCl<sub>3</sub>, 100 MHz



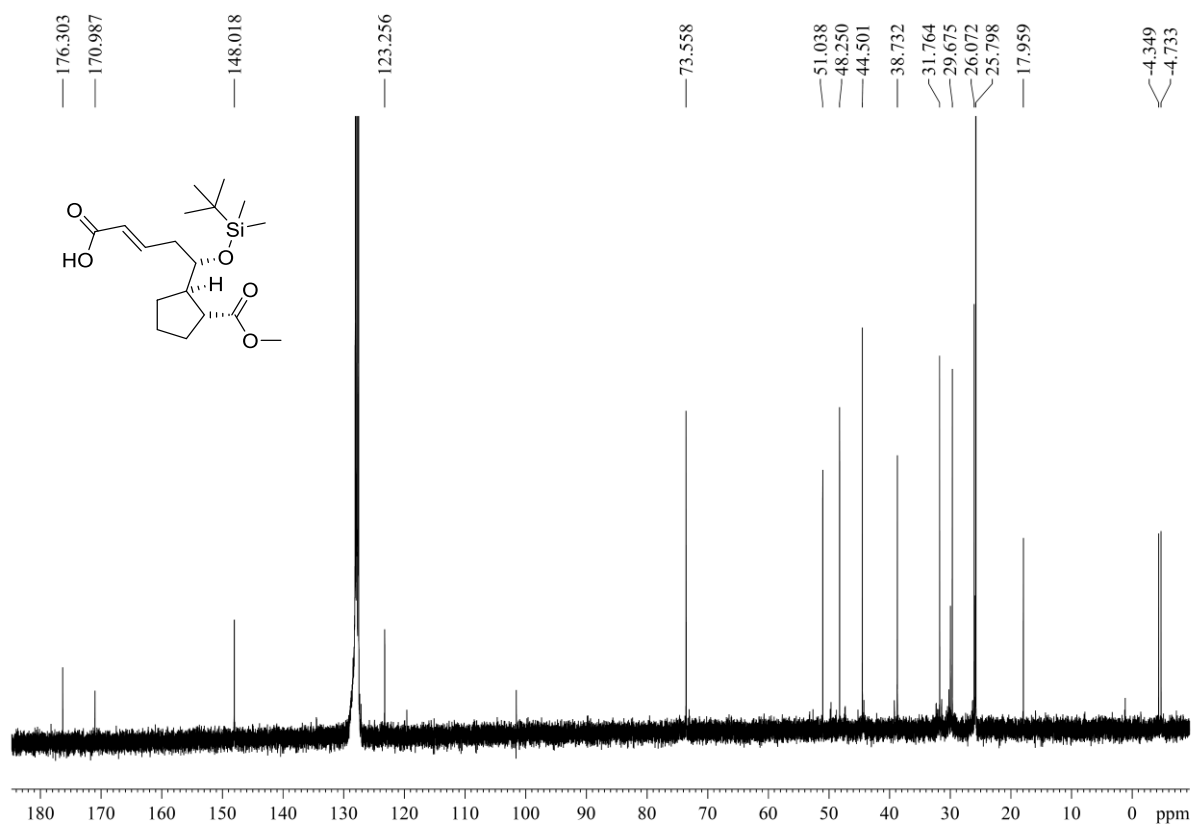
CDCl<sub>3</sub>, 200 MHz



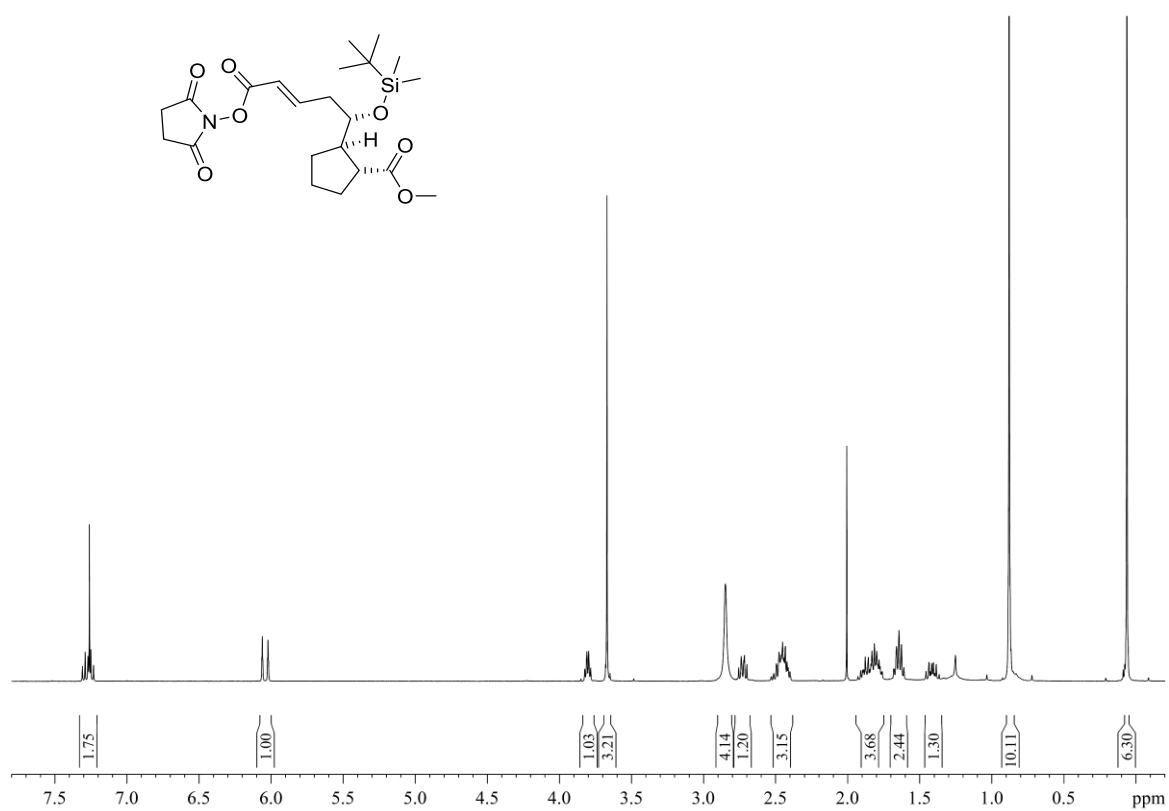
d<sub>6</sub>-benzene, 400 MHz



d<sub>6</sub>-benzene, 100 MHz

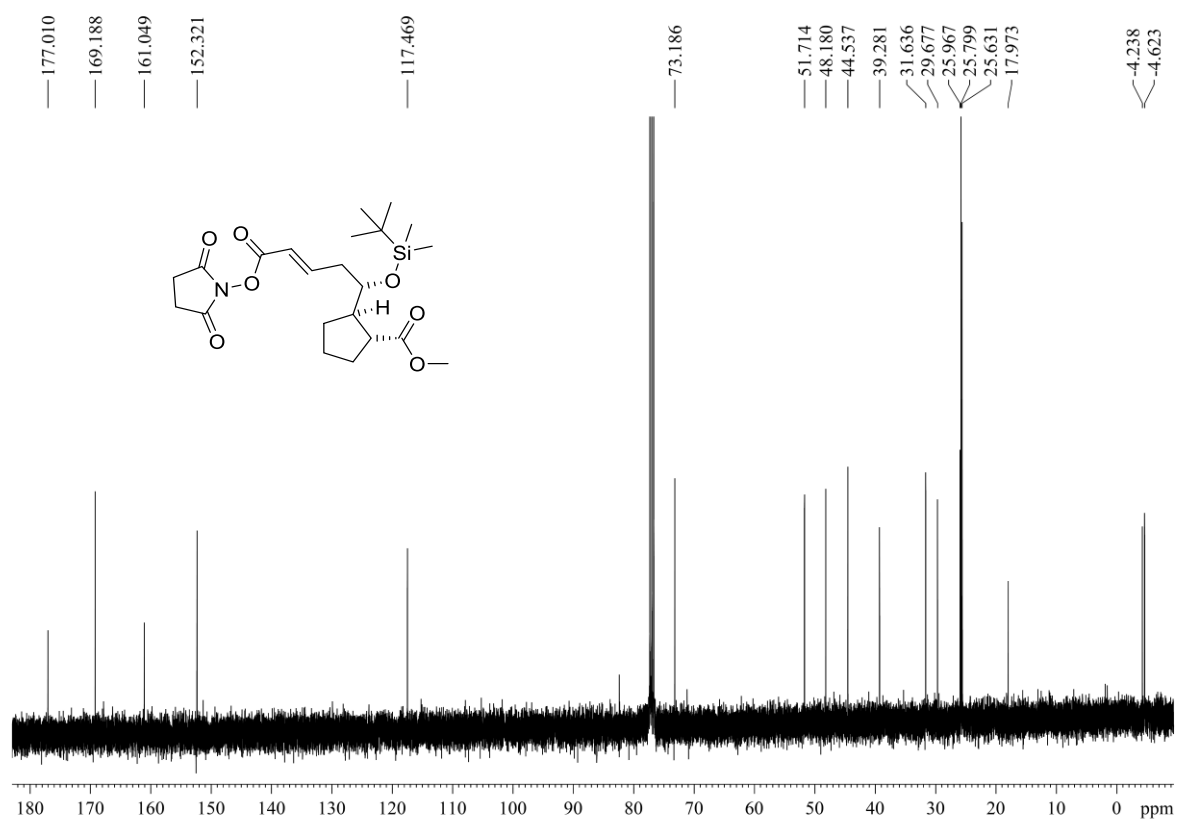


CDCl<sub>3</sub>, 400 MHz

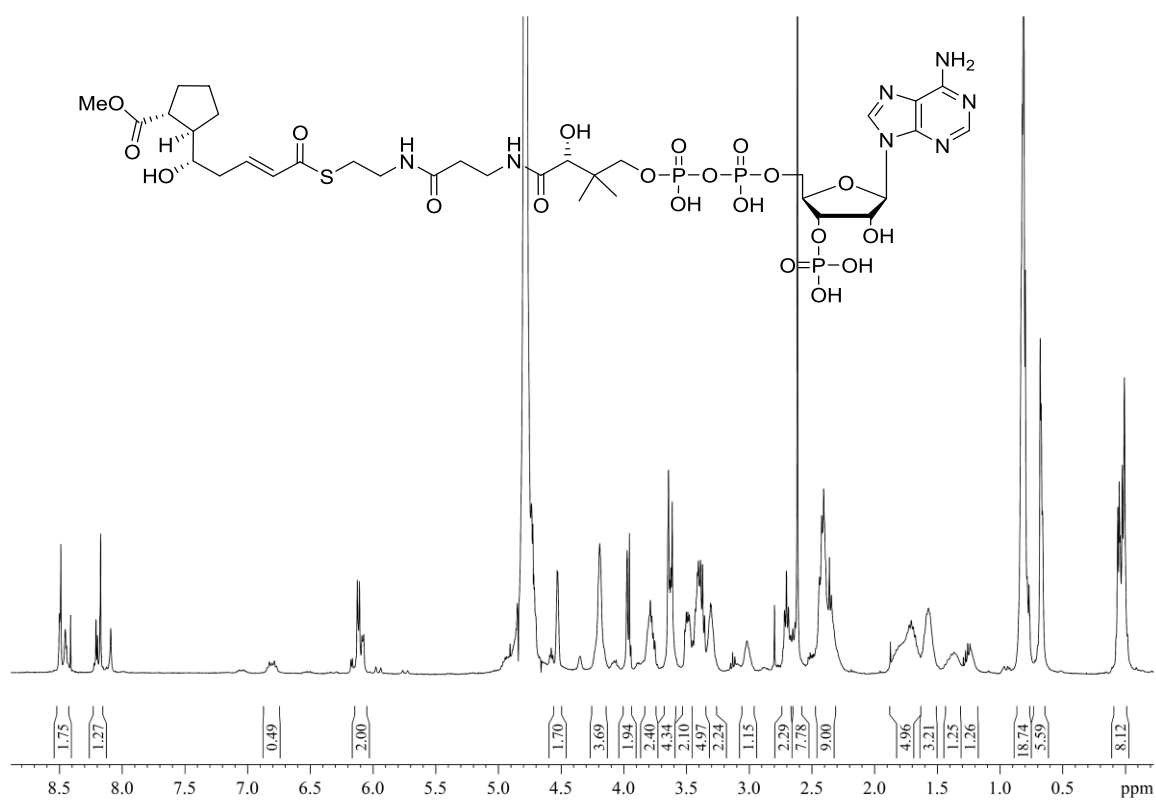




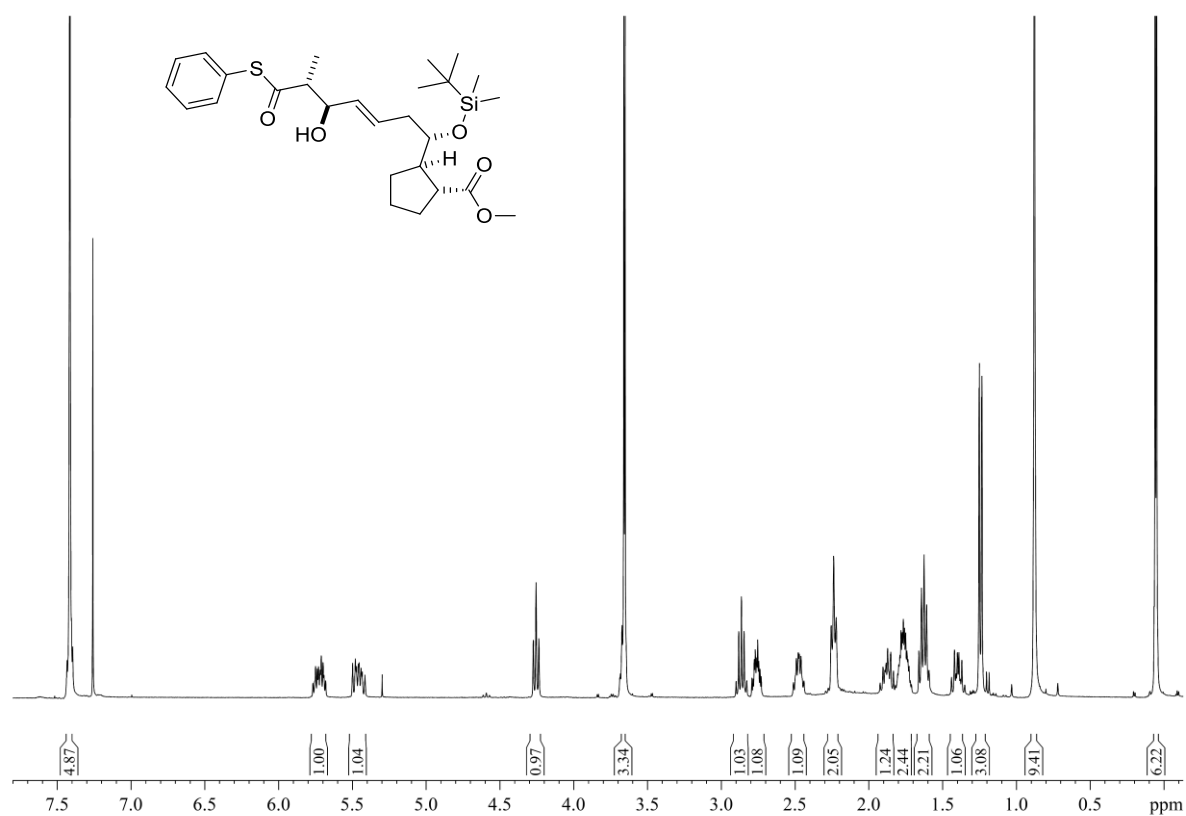
CDCl<sub>3</sub>, 100 MHz



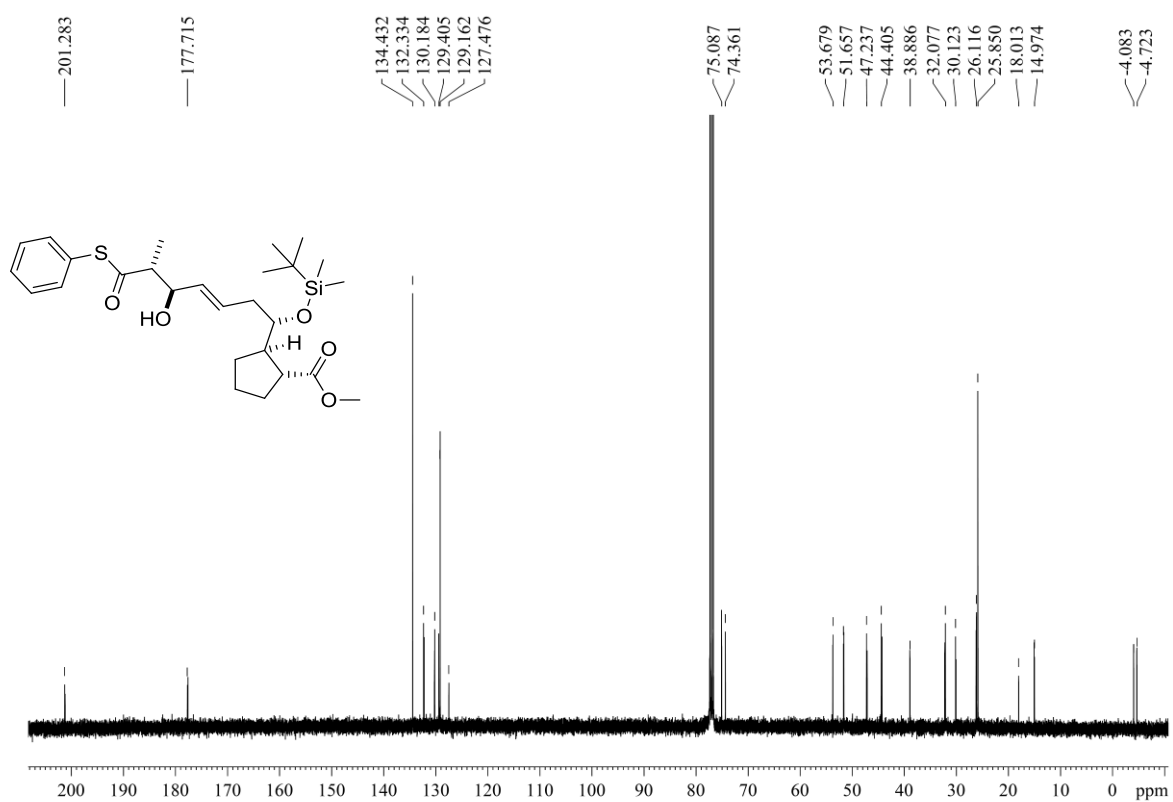
D<sub>2</sub>O, 400 MHz



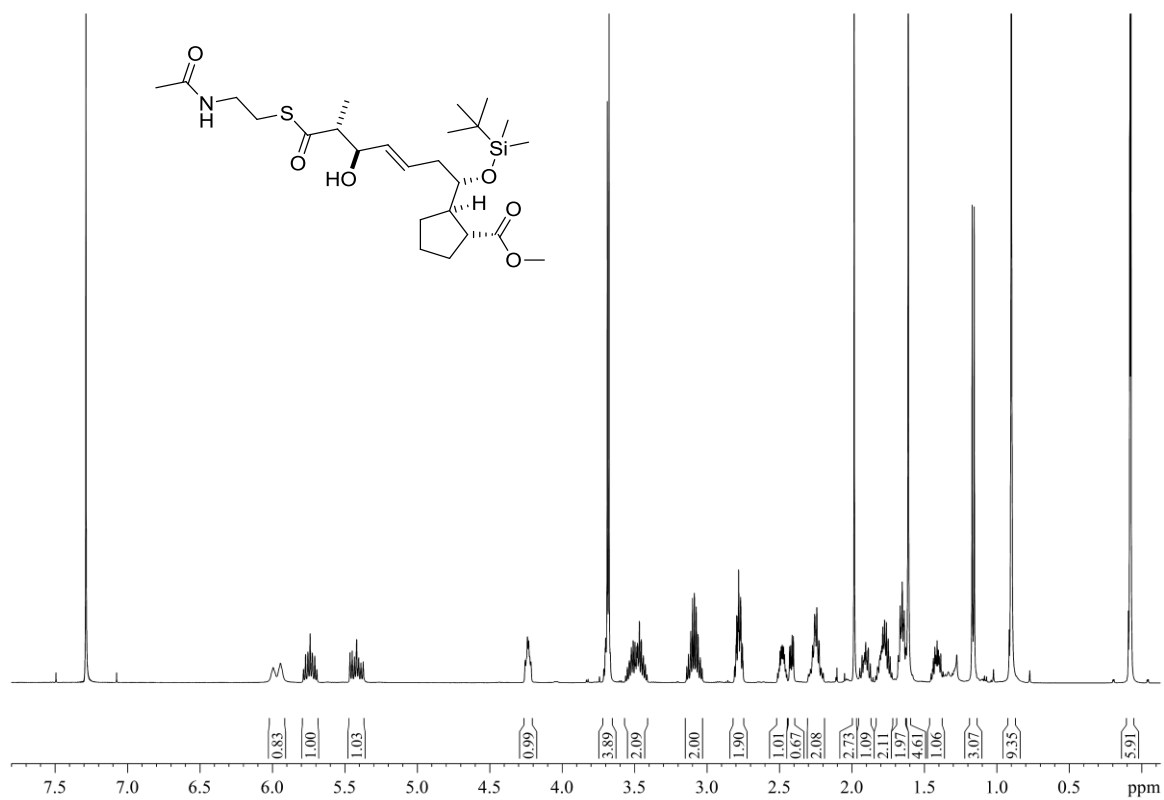
CDCl<sub>3</sub>, 400 MHz



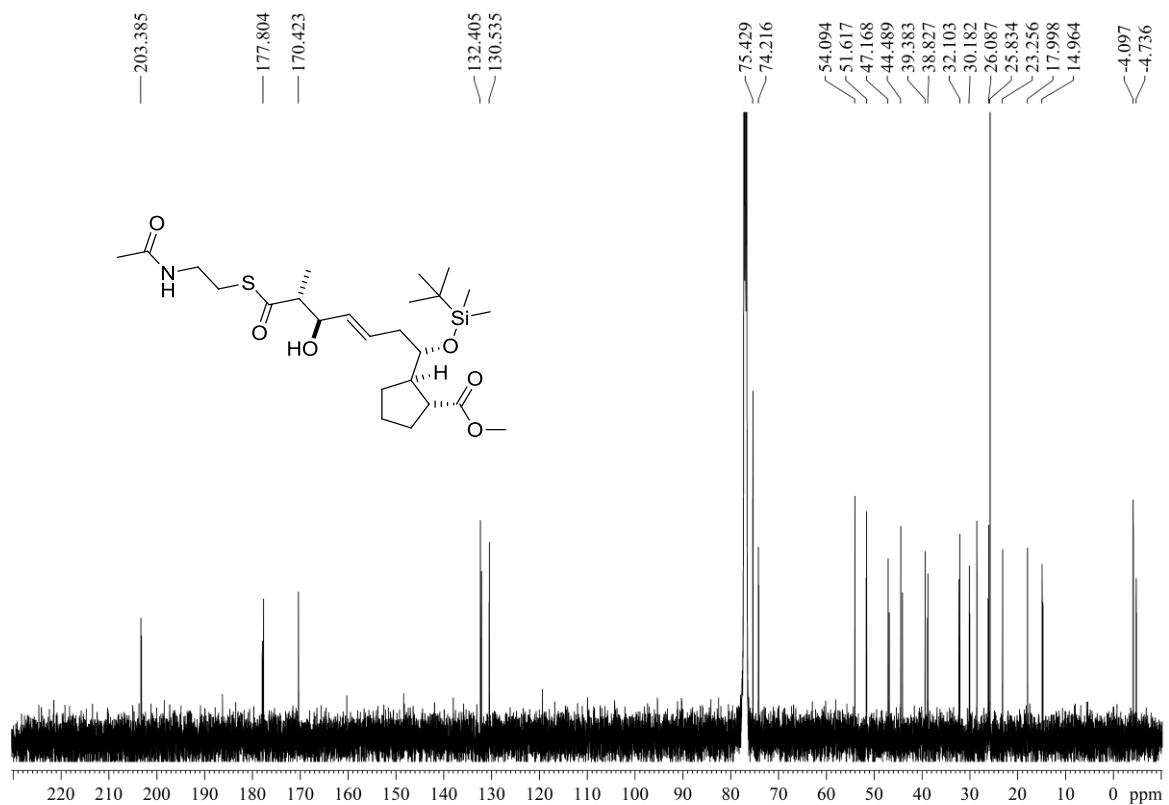
CDCl<sub>3</sub>, 100 MHz



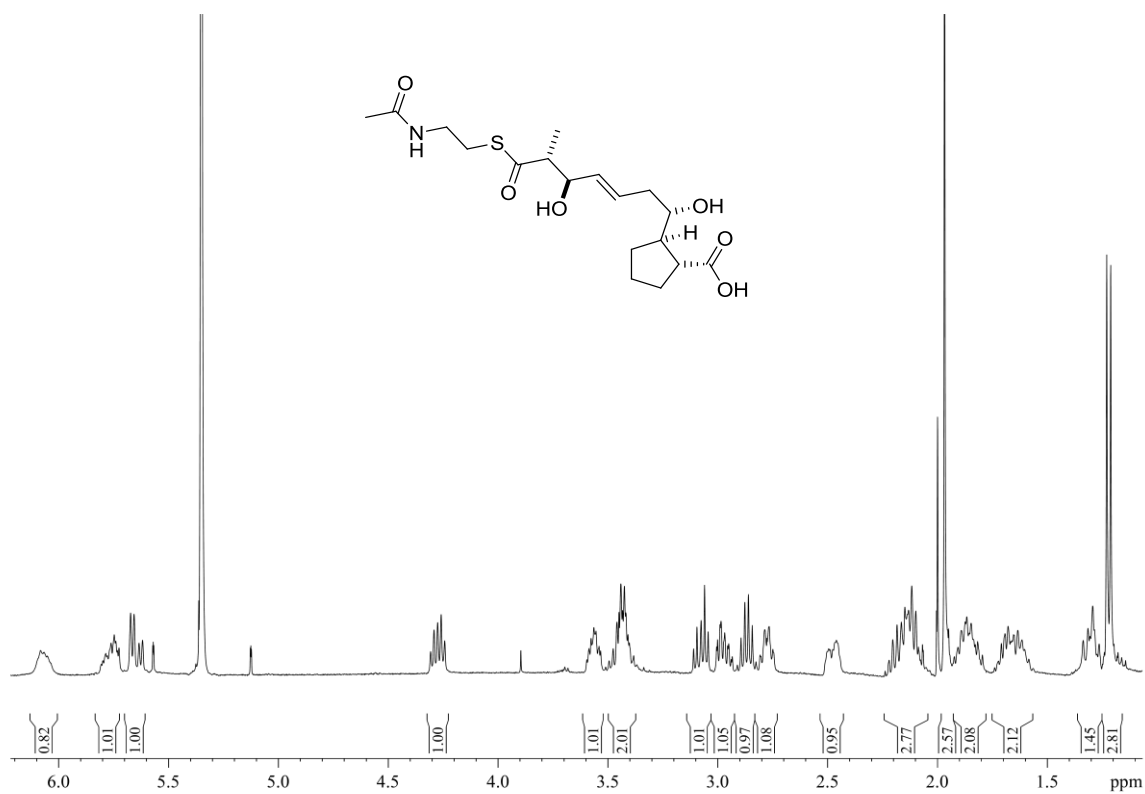
CDCl<sub>3</sub>, 500 MHz



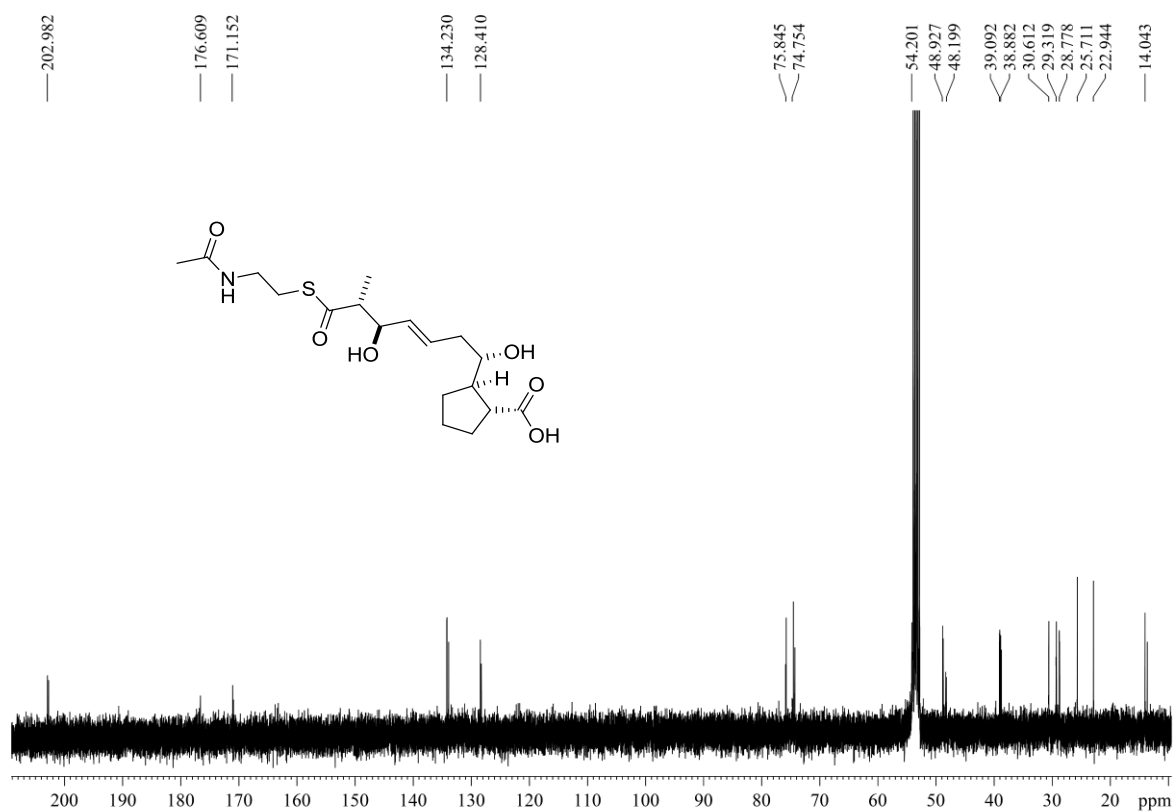
CDCl<sub>3</sub>, 125 MHz



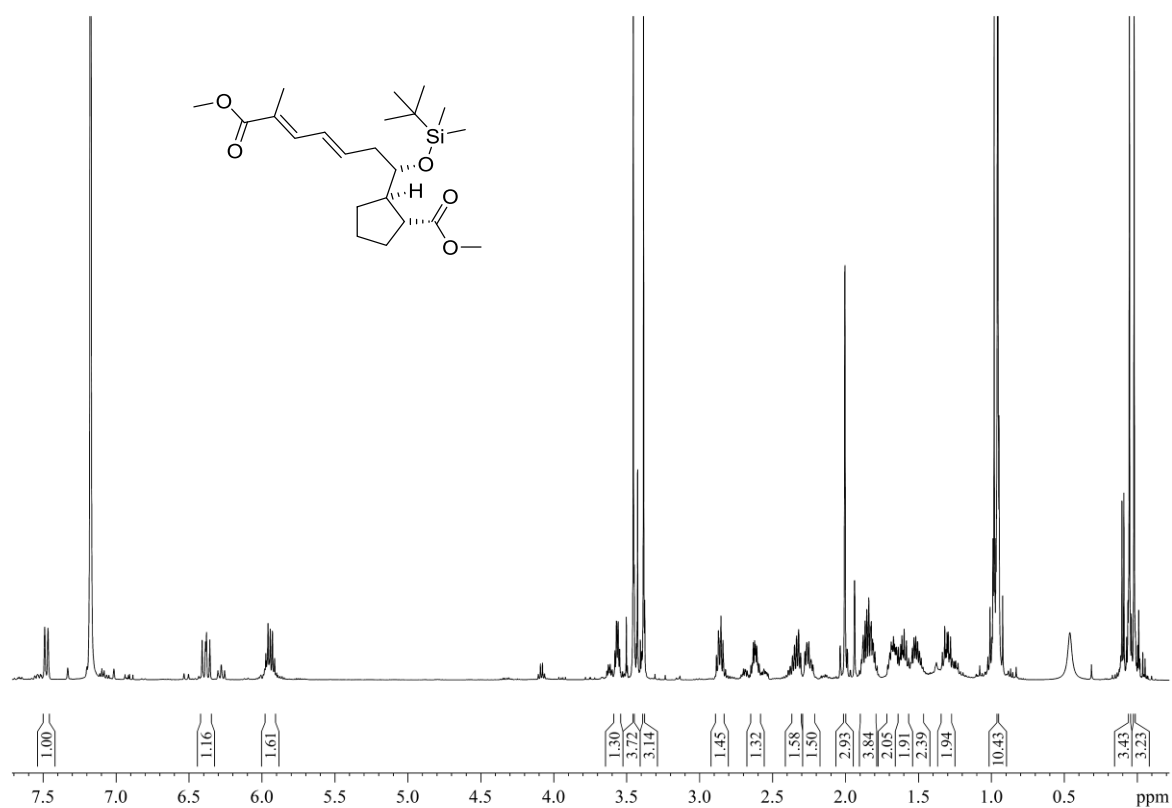
CD<sub>2</sub>Cl<sub>2</sub>, 400 MHz



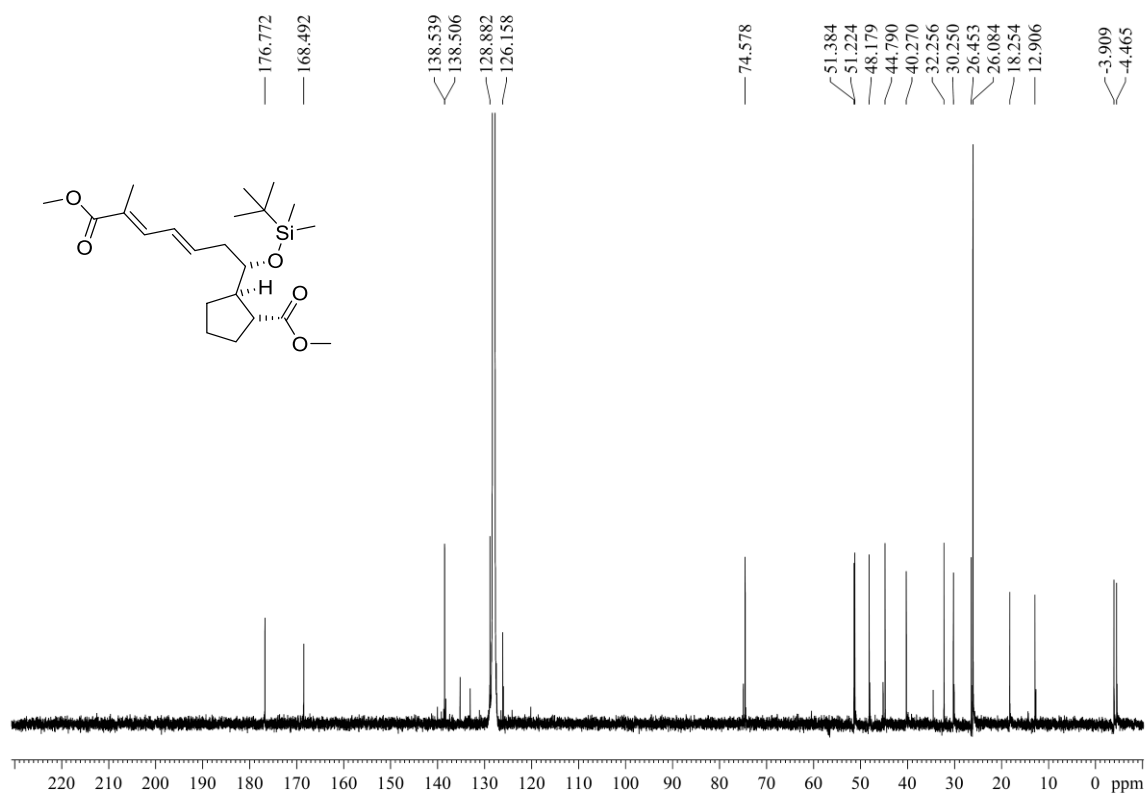
CD<sub>2</sub>Cl<sub>2</sub>, 100 MHz



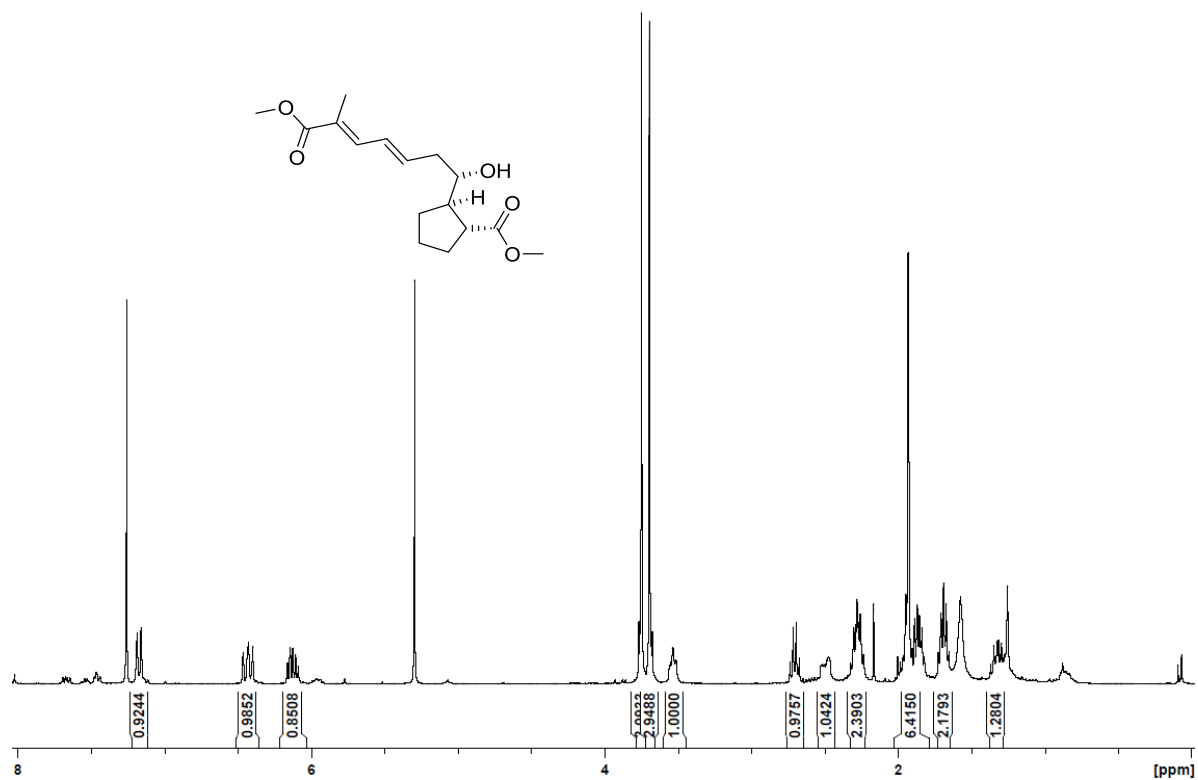
d<sub>6</sub>-benzene, 500 MHz



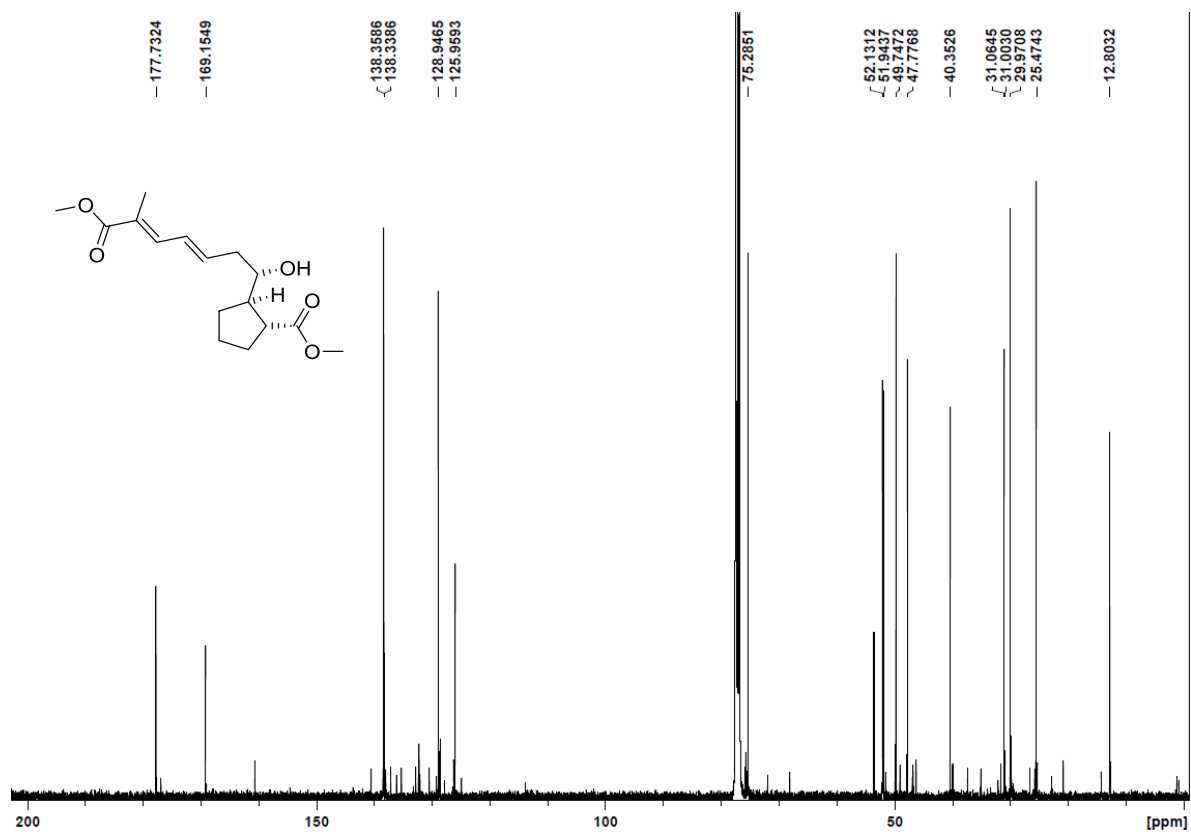
d<sub>6</sub>-benzene, 125 MHz



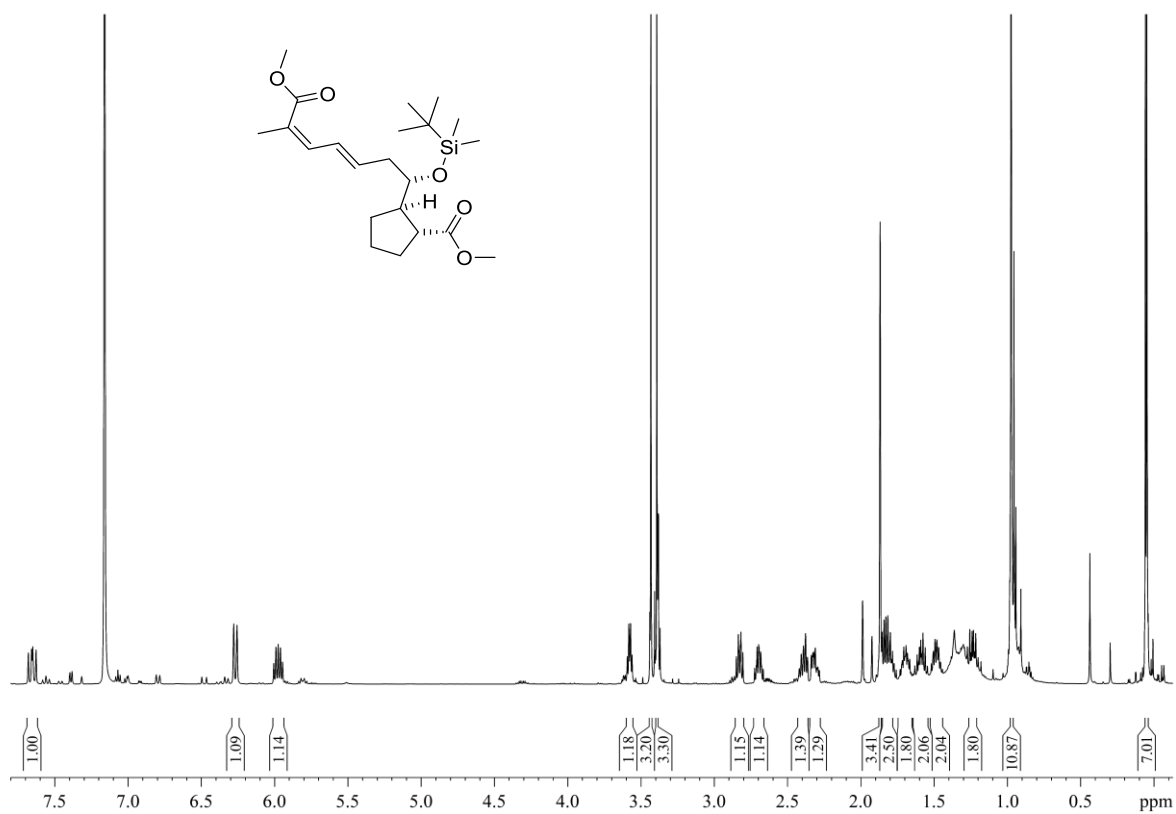
CDCl<sub>3</sub>, 400 MHz



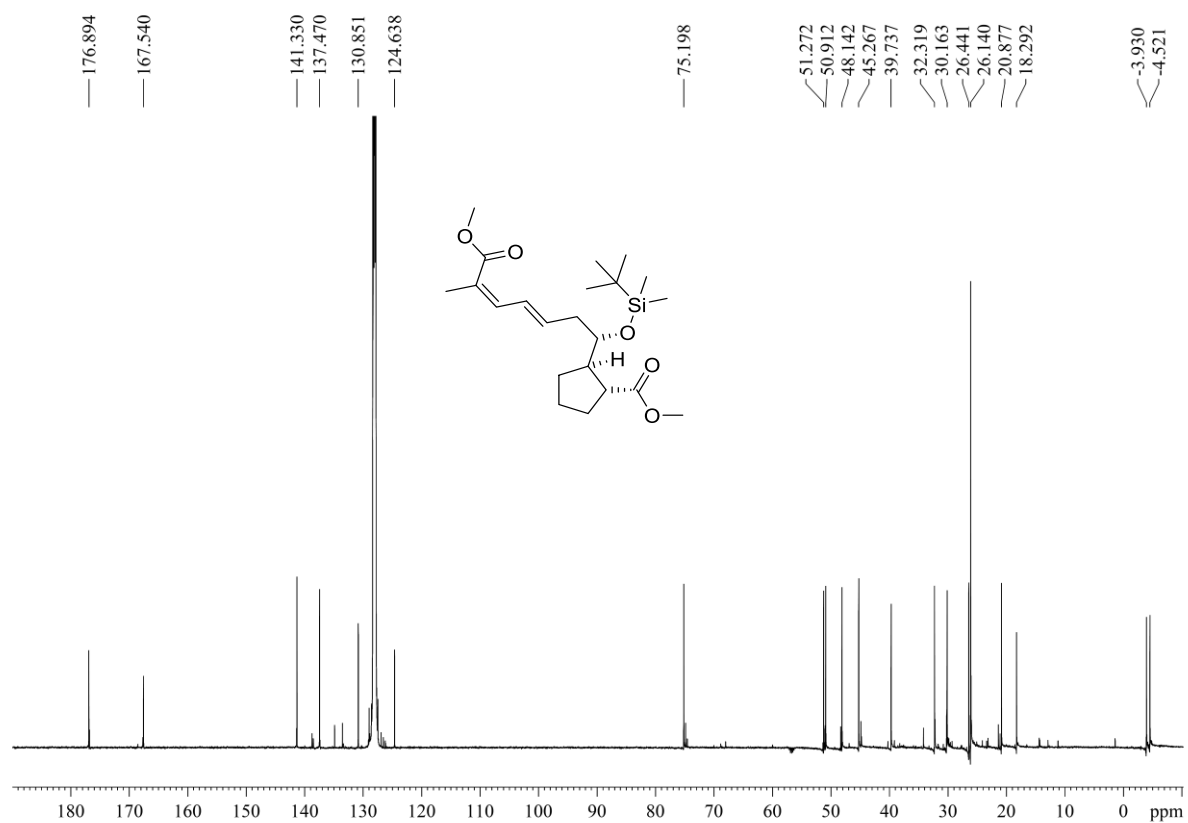
CDCl<sub>3</sub>, 100 MHz



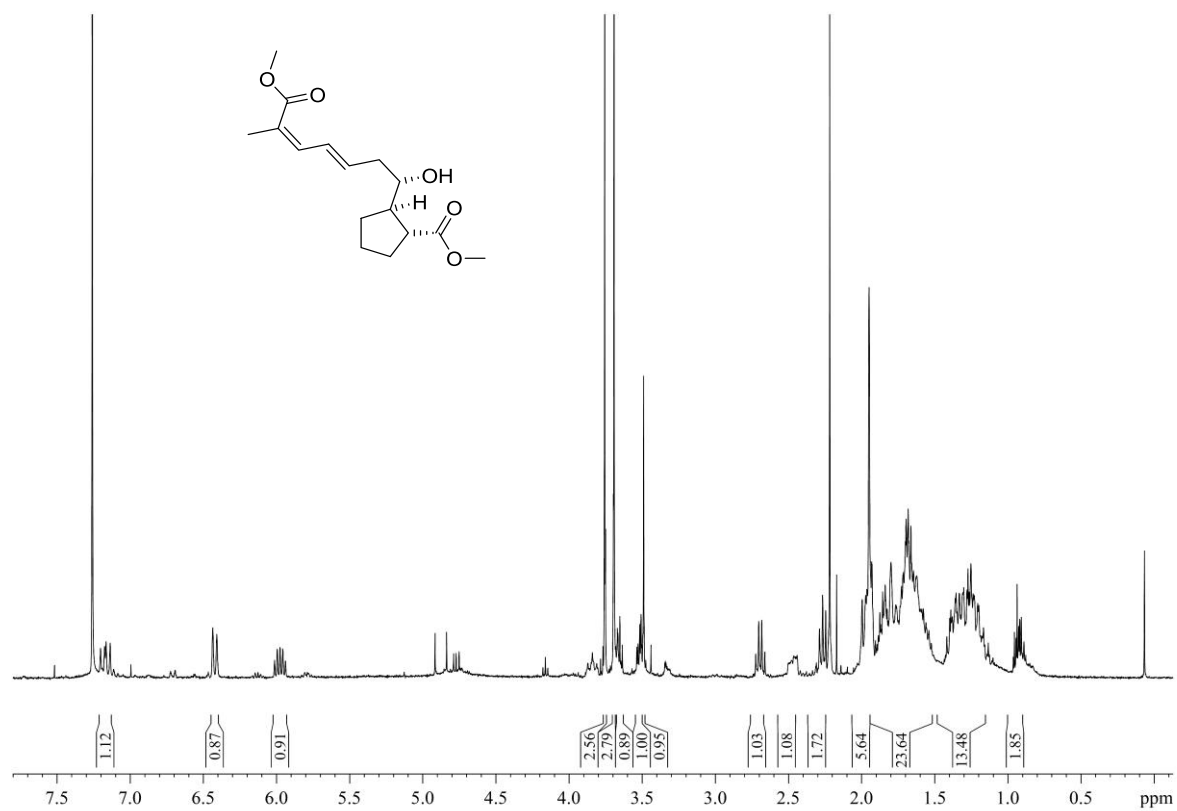
d<sub>6</sub>-benzene, 500 MHz



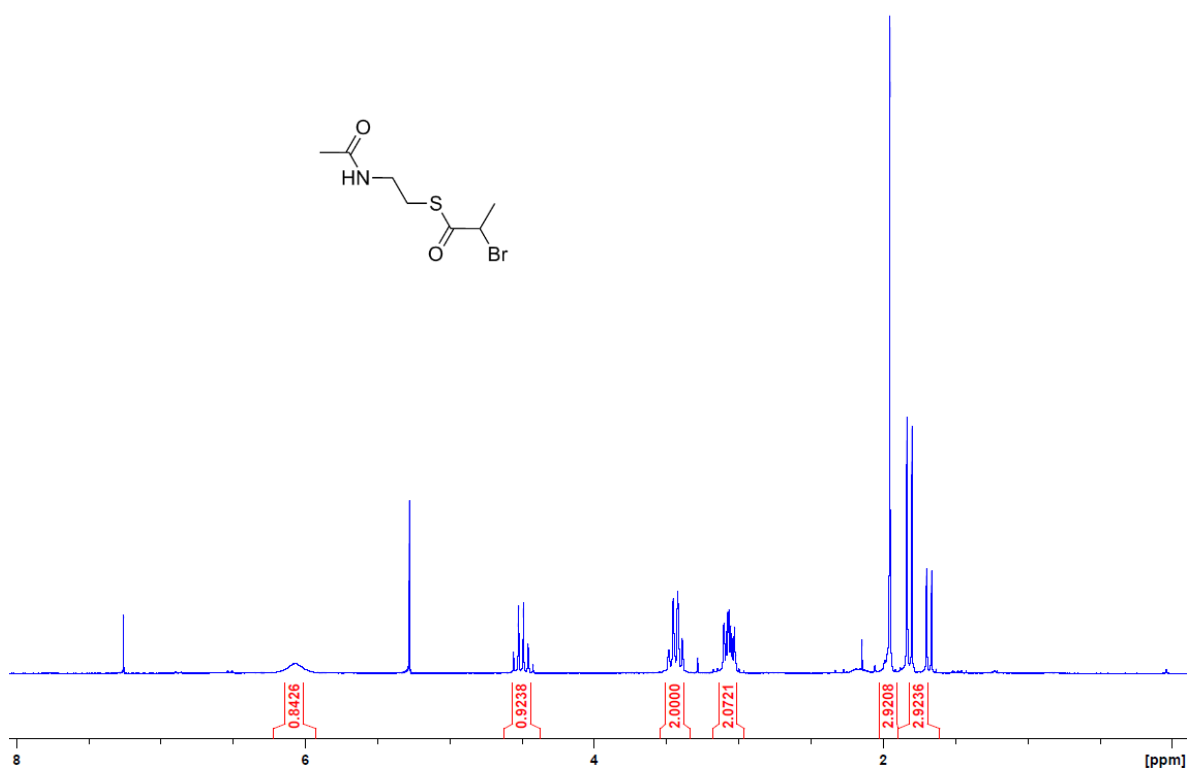
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d<sub>6</sub>-benzene, 500 MHz

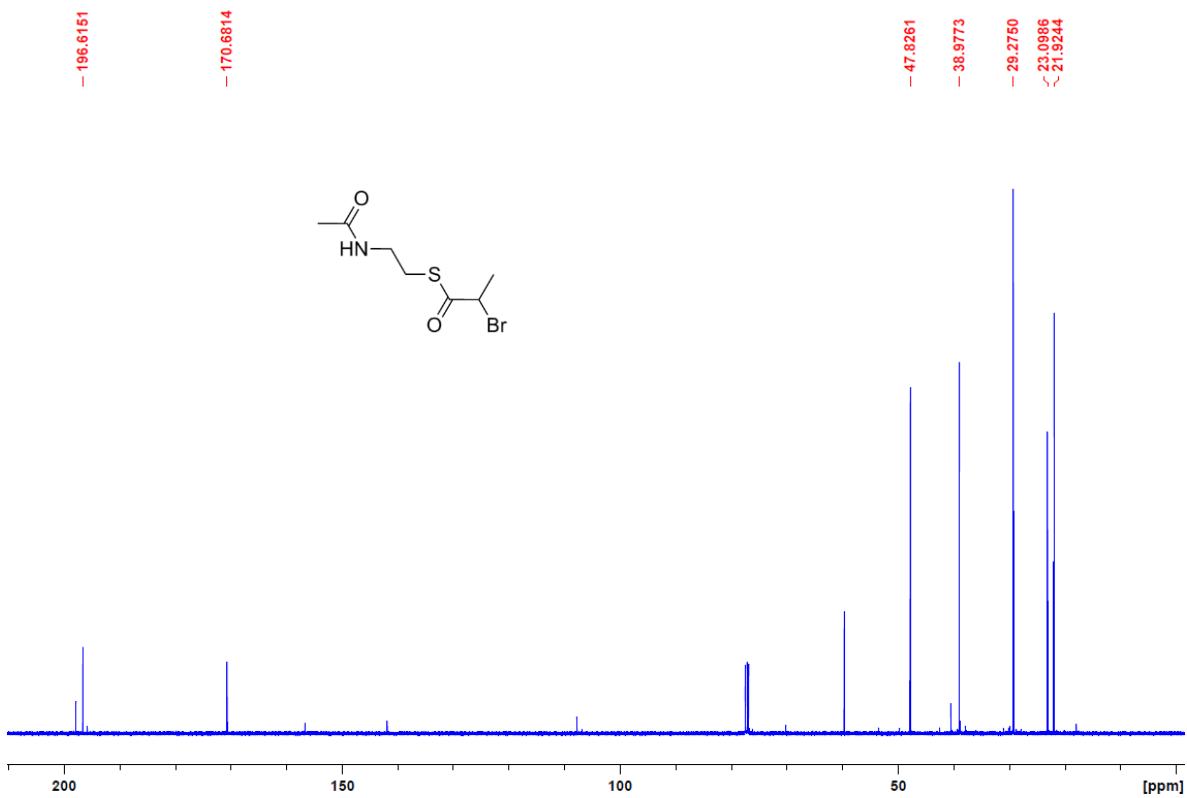


CDCl<sub>3</sub>, 400 MHz

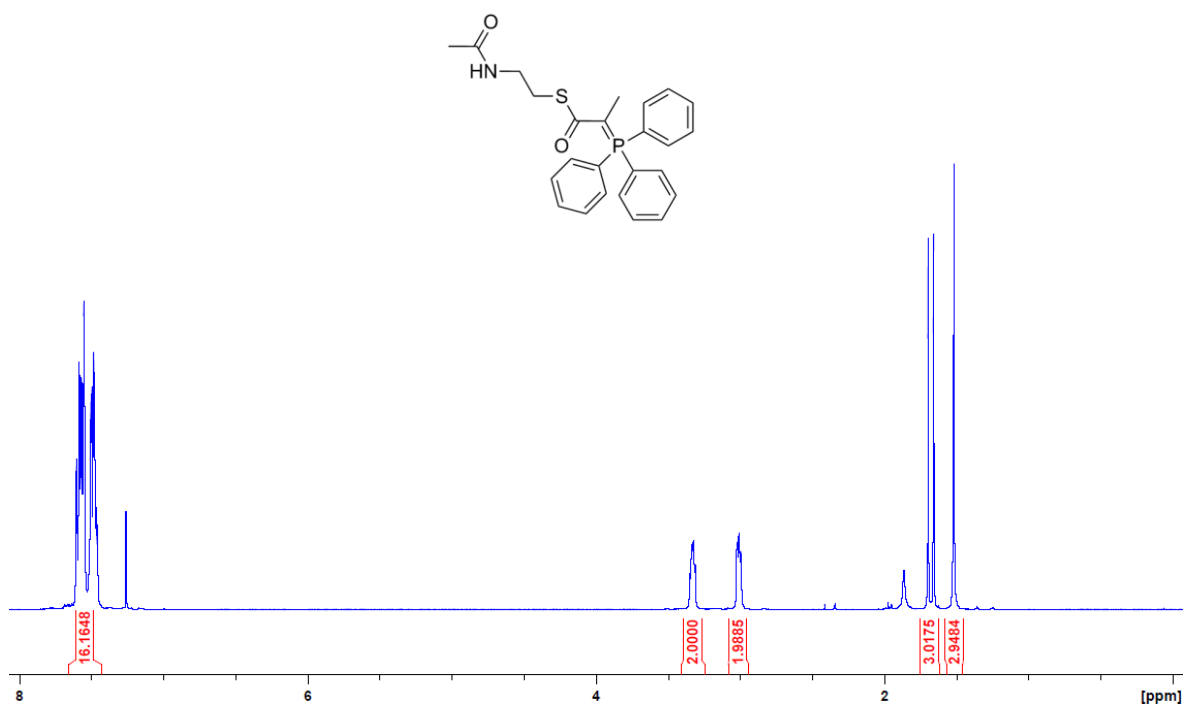




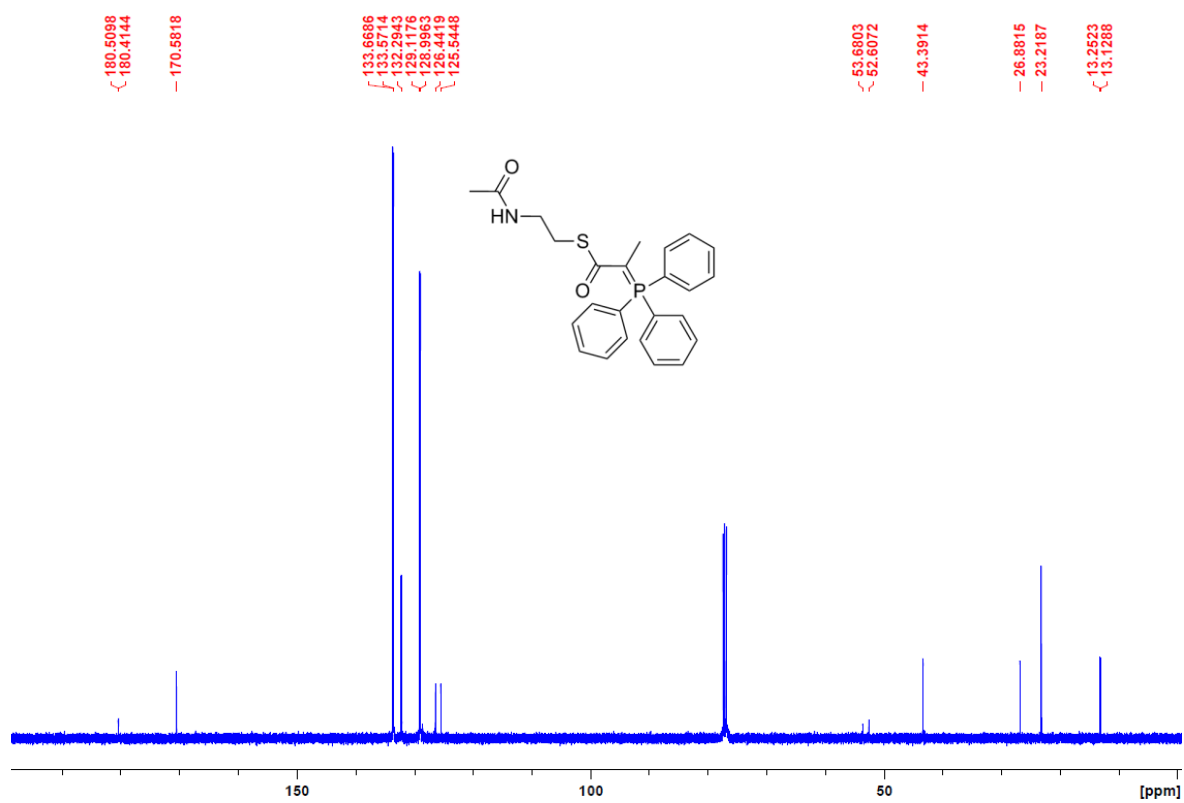
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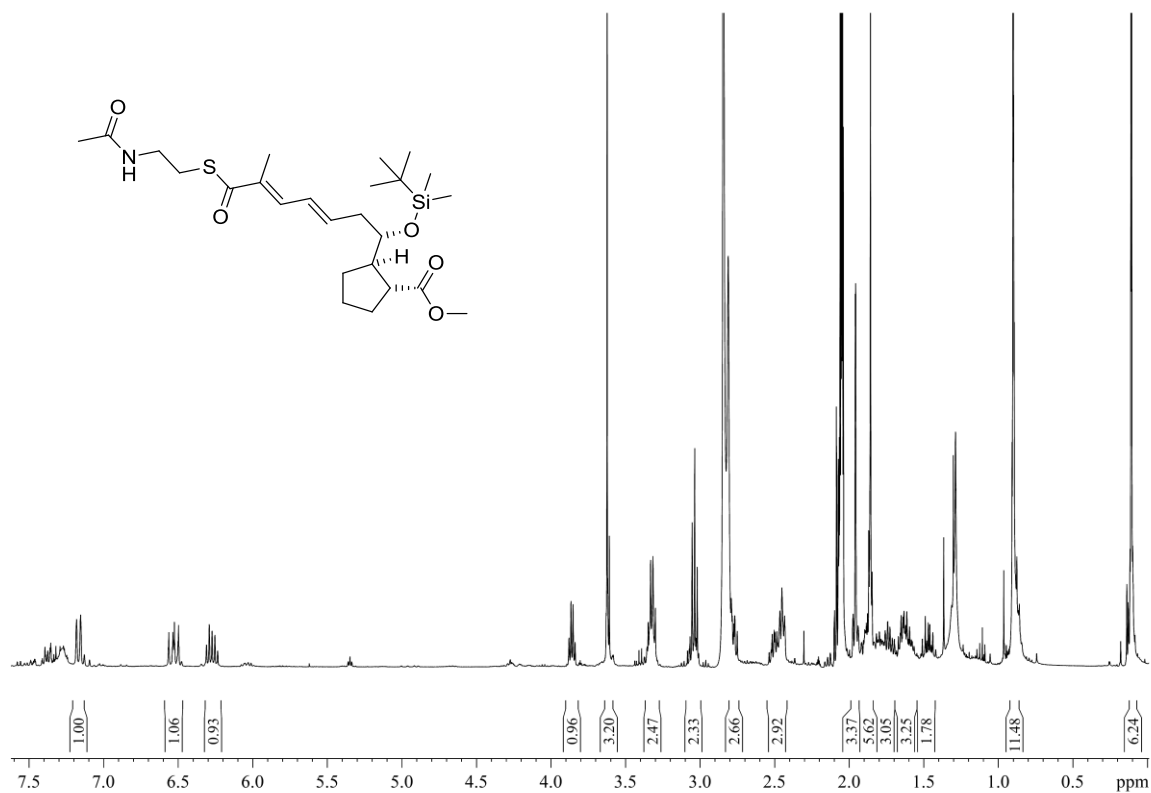
CDCl<sub>3</sub>, 400 MHz



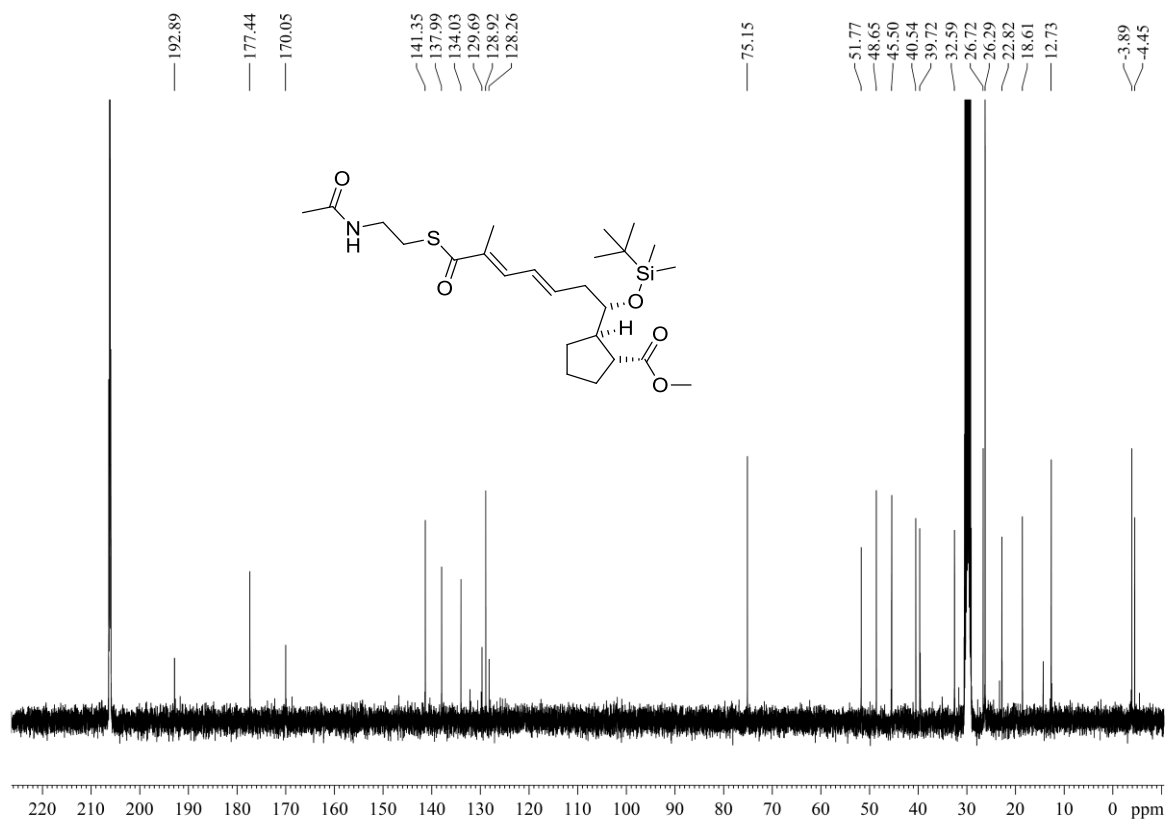
CDCl<sub>3</sub>, 100 MHz



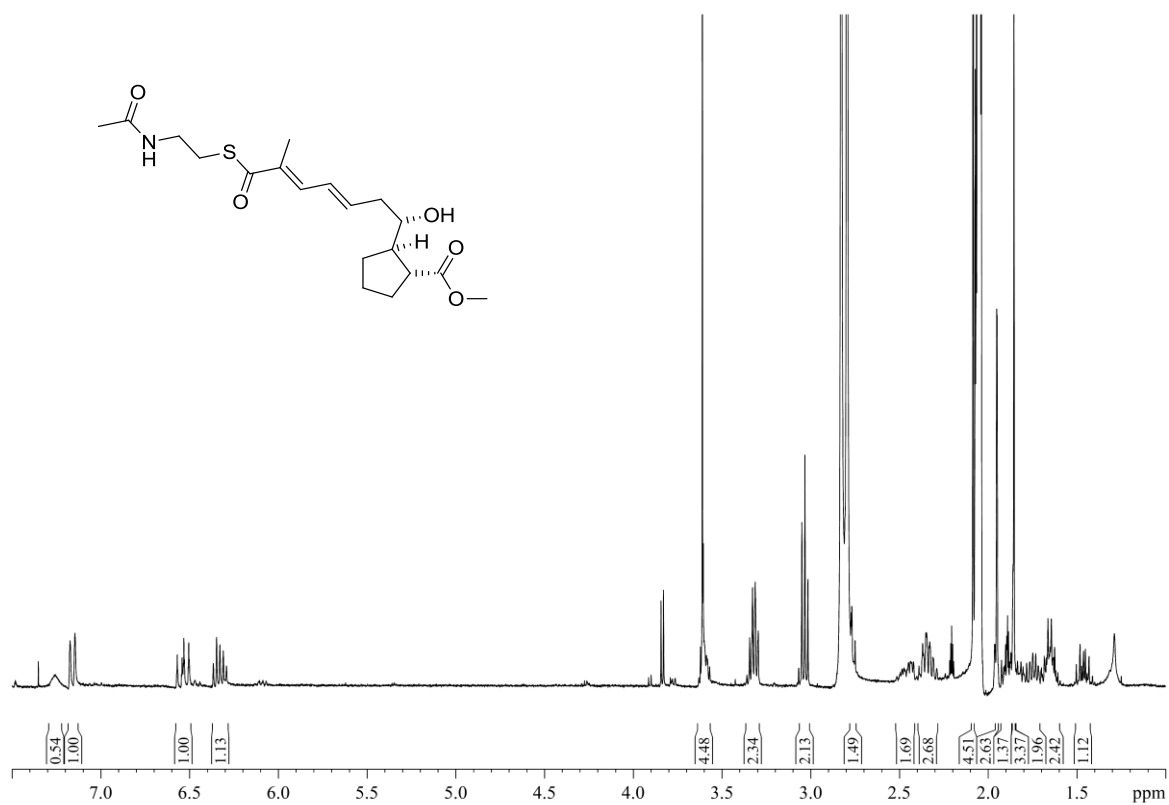
d<sub>6</sub>-acetone, 500 MHz



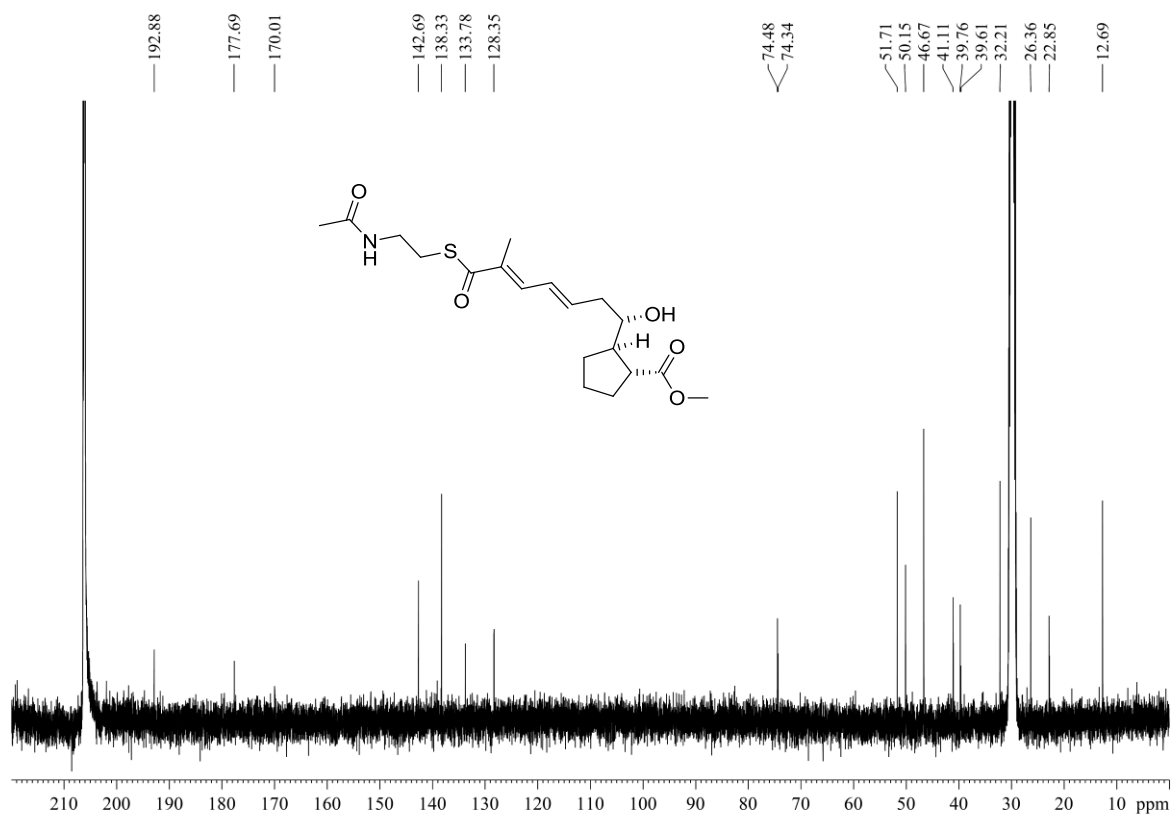
d<sub>6</sub>-acetone, 125 MHz



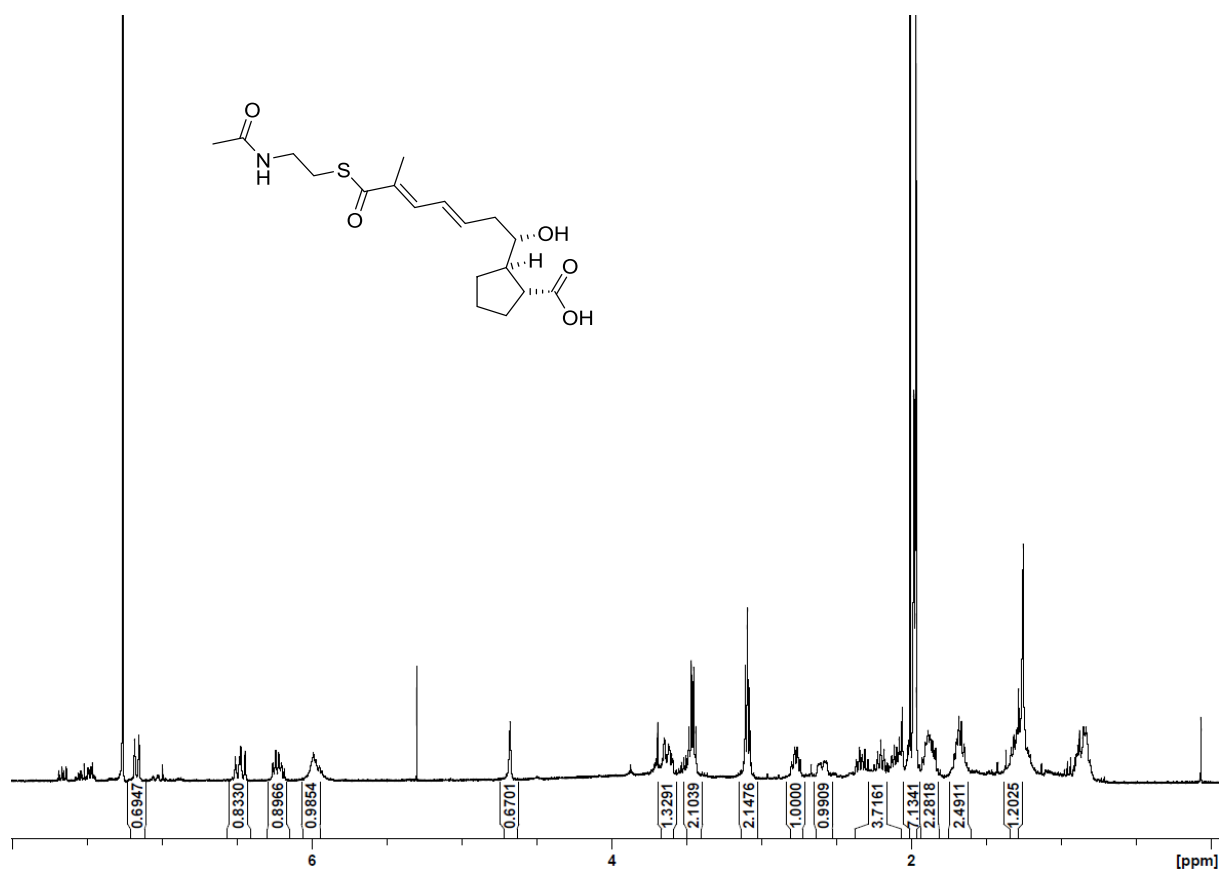
d<sub>6</sub>-acetone, 500 MHz



d<sub>6</sub>-acetone, 125 MHz



CDCl<sub>3</sub>, 400 MHz



CDCl<sub>3</sub>, 100 MHz

