Supplementary Material

Synthesis of β-damascone from 2,6-dimethylcyclohexanone

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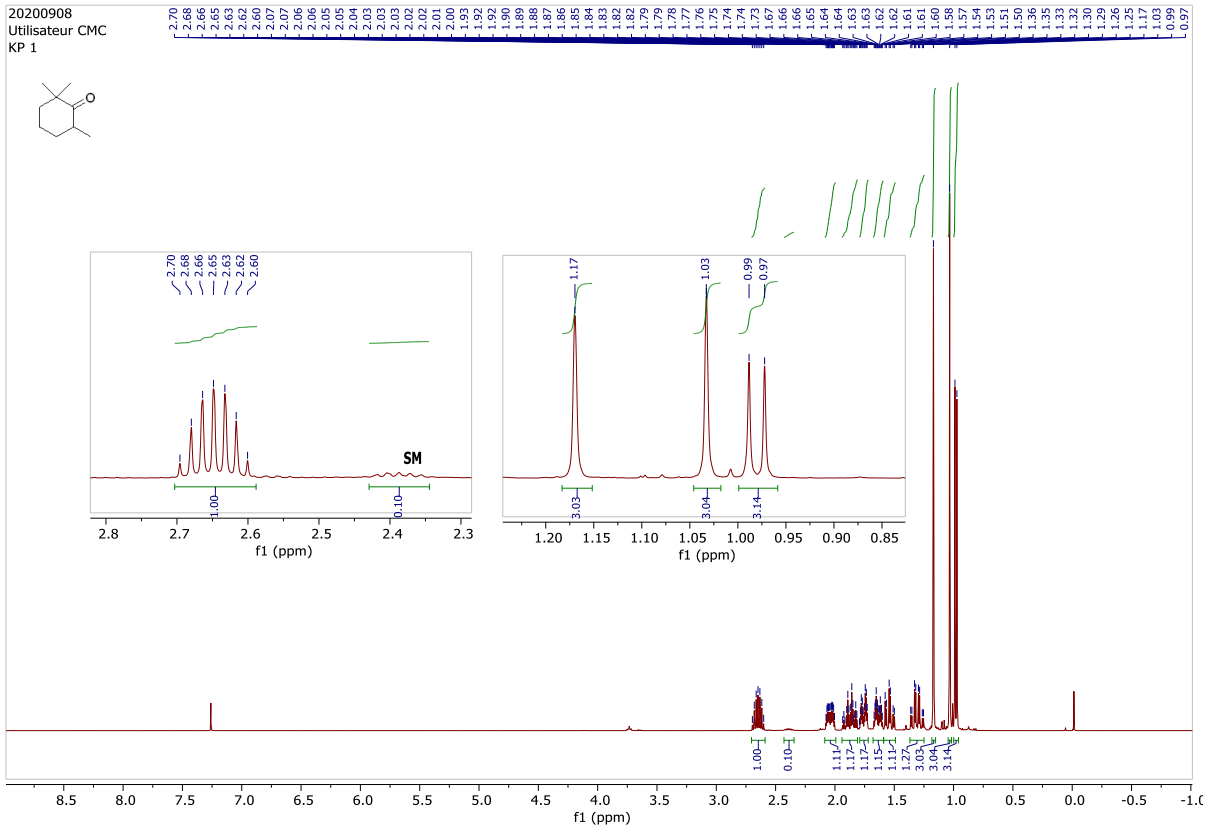
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[b]Comenius University in Bratislava, Faculty of Natural Sciences, Department of Organic Chemistry, Mlynská dolina, Ilkovičova 6, 842 15 Bratislava, Slovakia
[c]IFF Benicarló, Technical Department, Av. de Felipe Klein, 2, 12580 Benicarló, Castellón, Spain
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Table of Contents

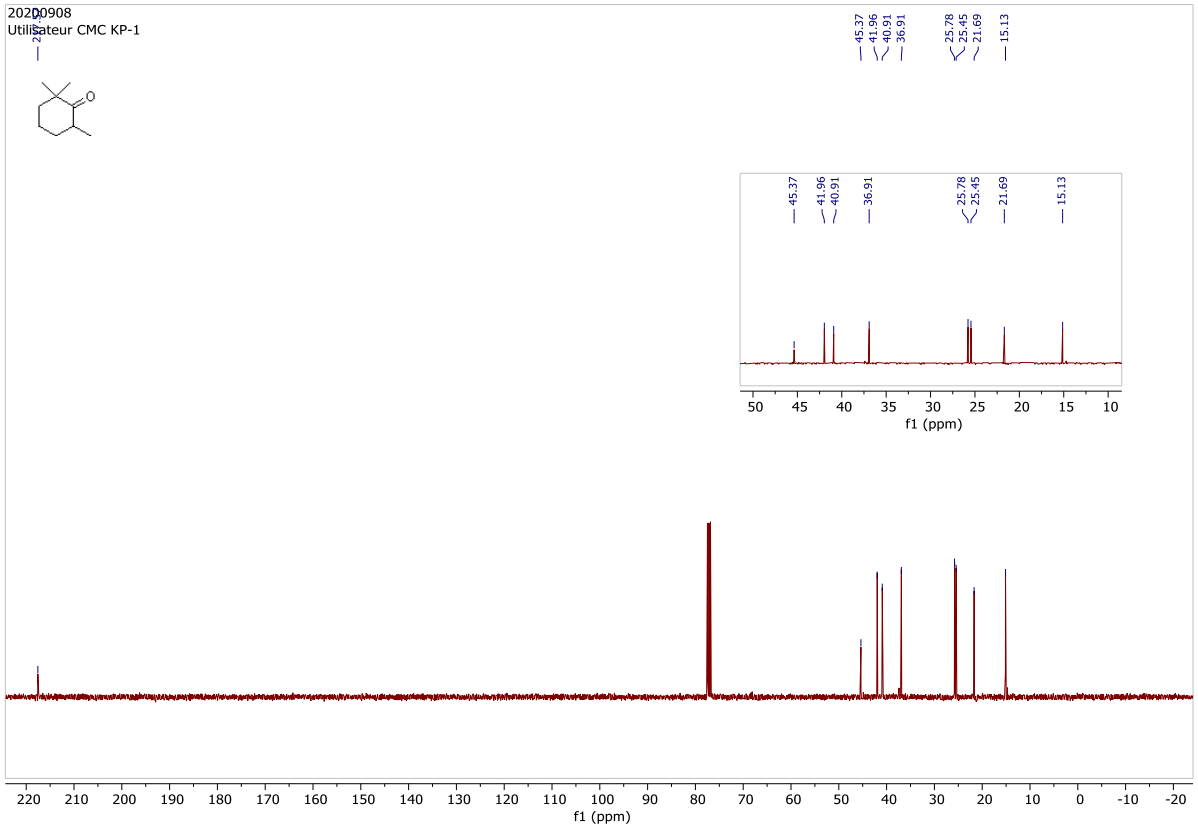
^{1}H and ^{13}C NMR spectra S2

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^{1}H and ^{13}C NMR spectra

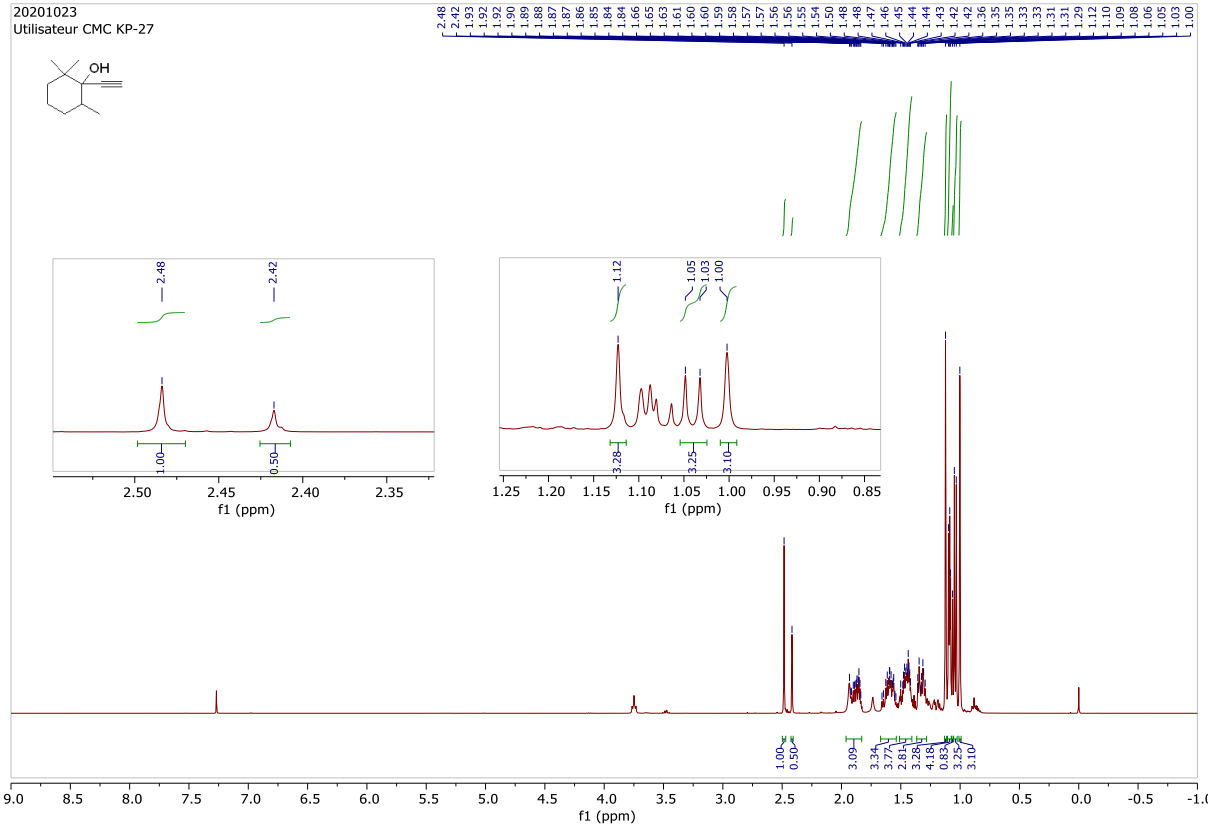


'^{1}H-NMR spectra of 2,2,6-Trimethylcyclohexan-1-one (**2**).

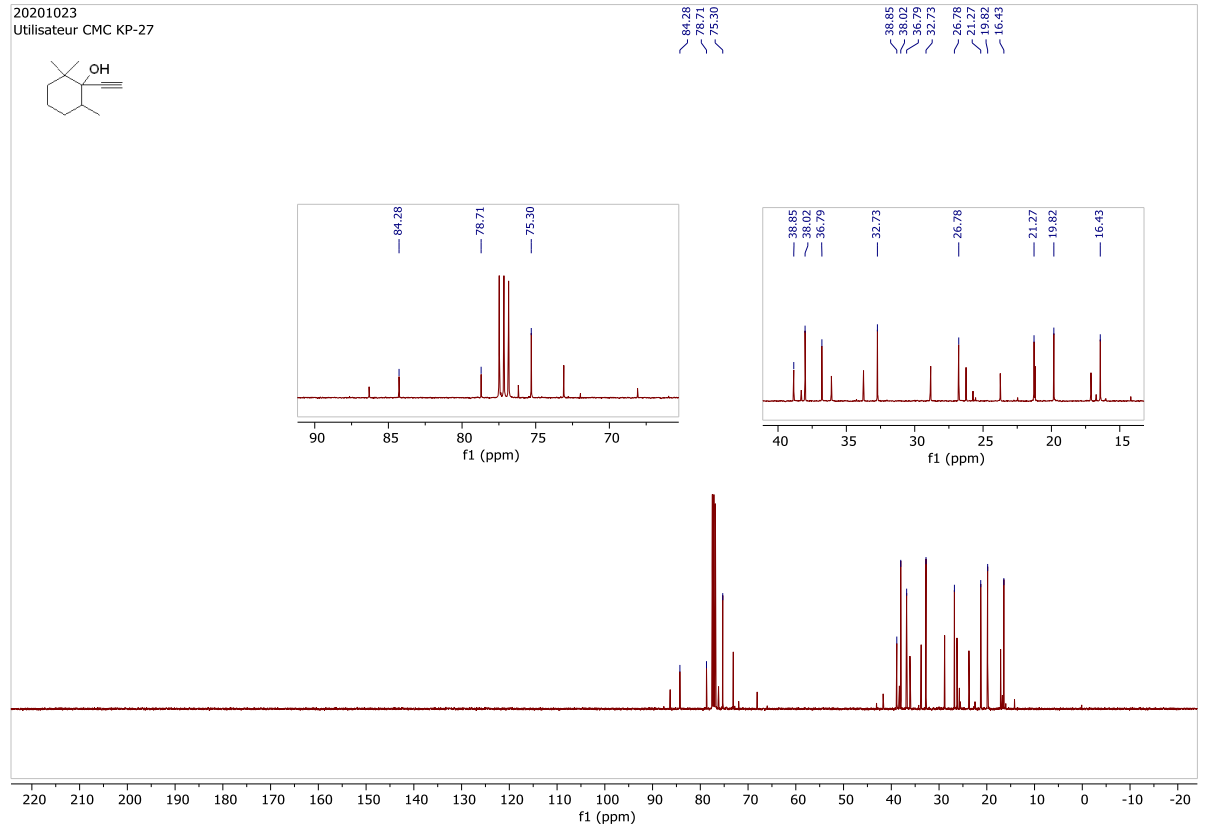


^{13}C-NMR spectra of 2,2,6-Trimethylcyclohexan-1-one (**2**).

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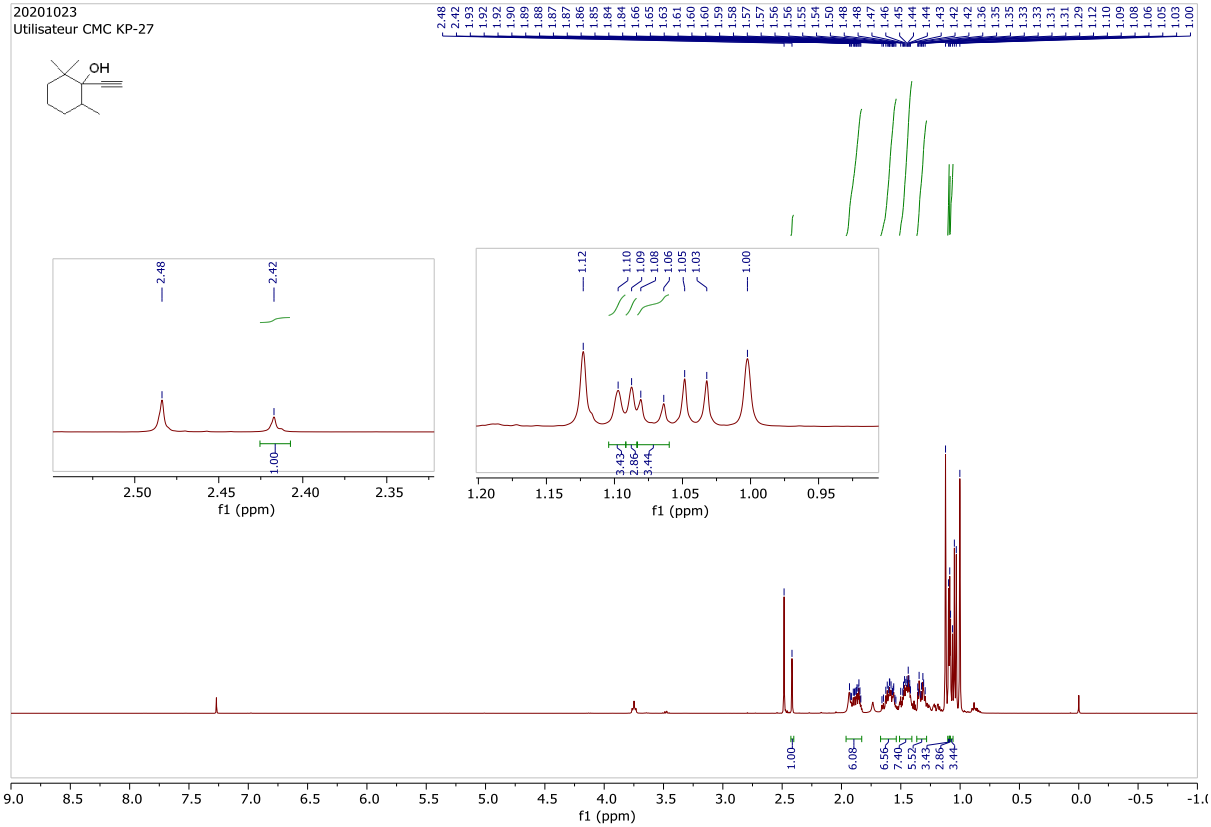


^{1}H-NMR spectra of 1-Ethynyl-2,2,6-trimethylcyclohexan-1-ol (**3**) – major diastereomer.

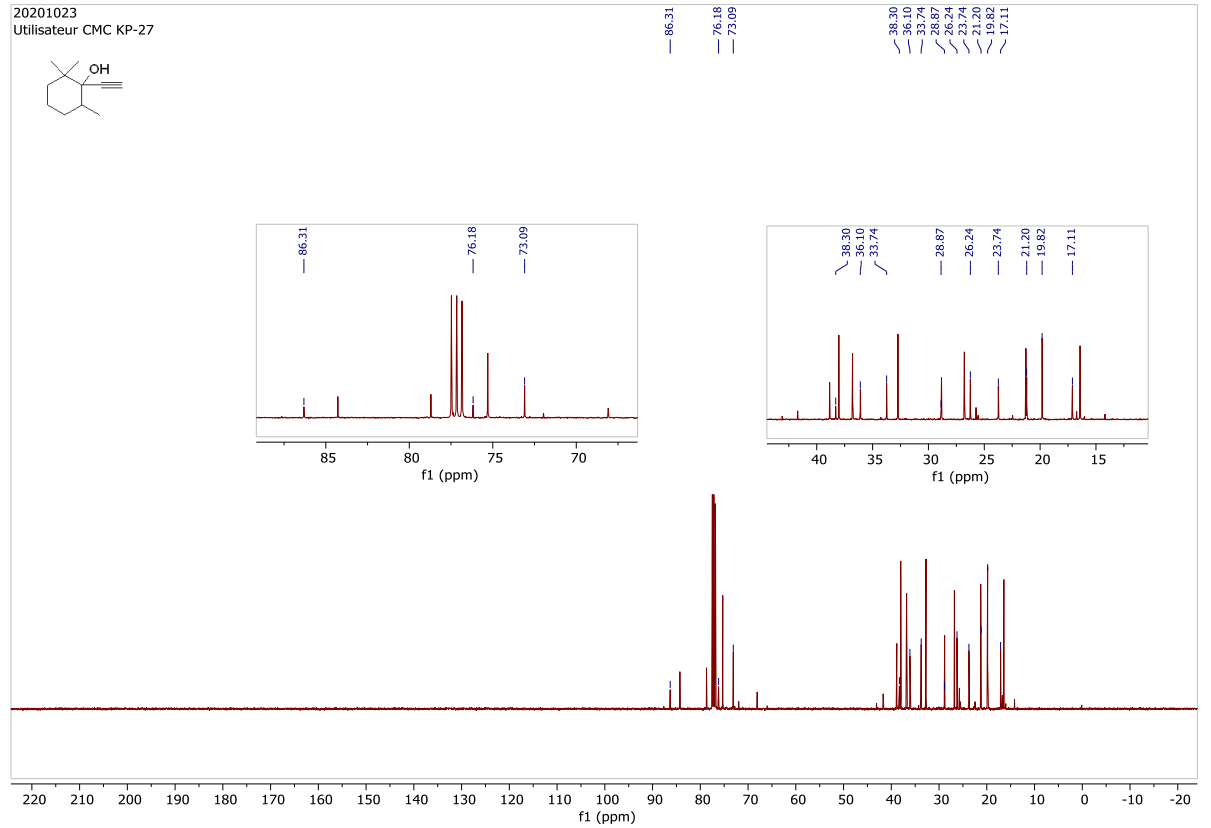


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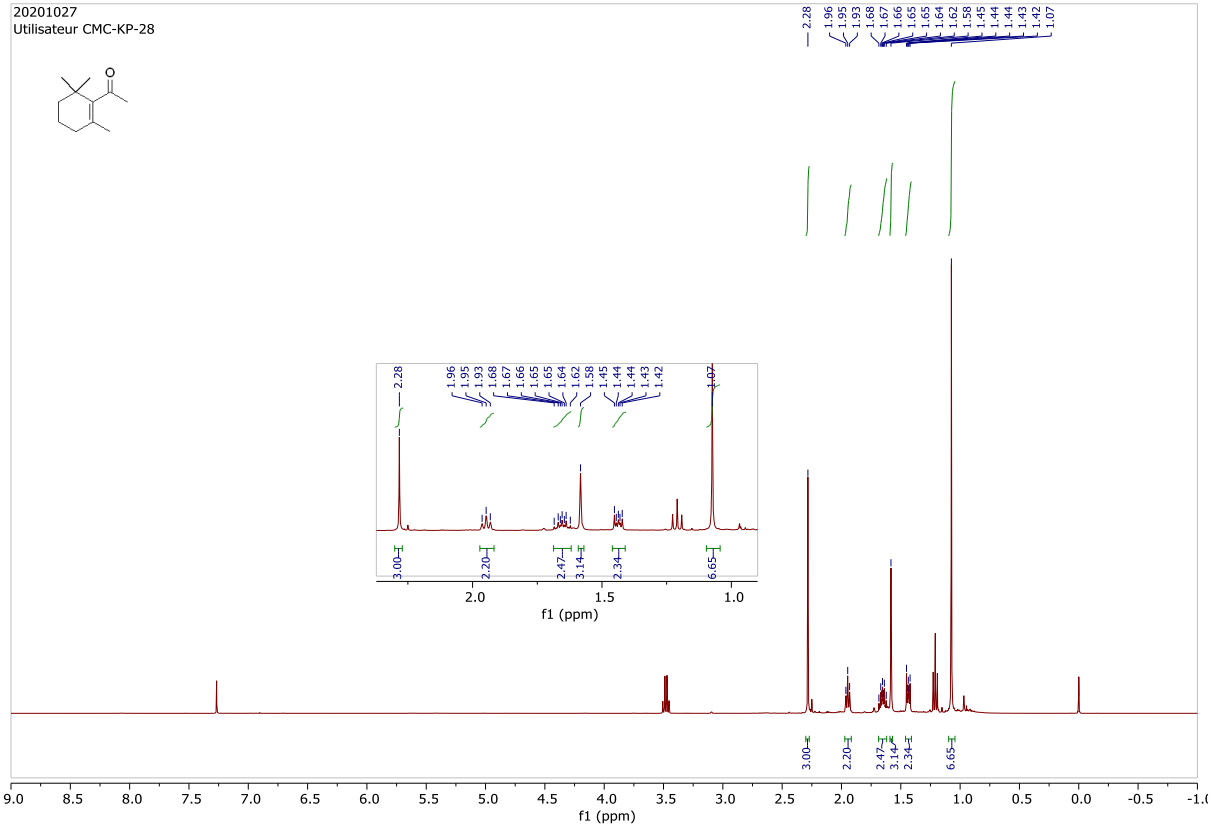


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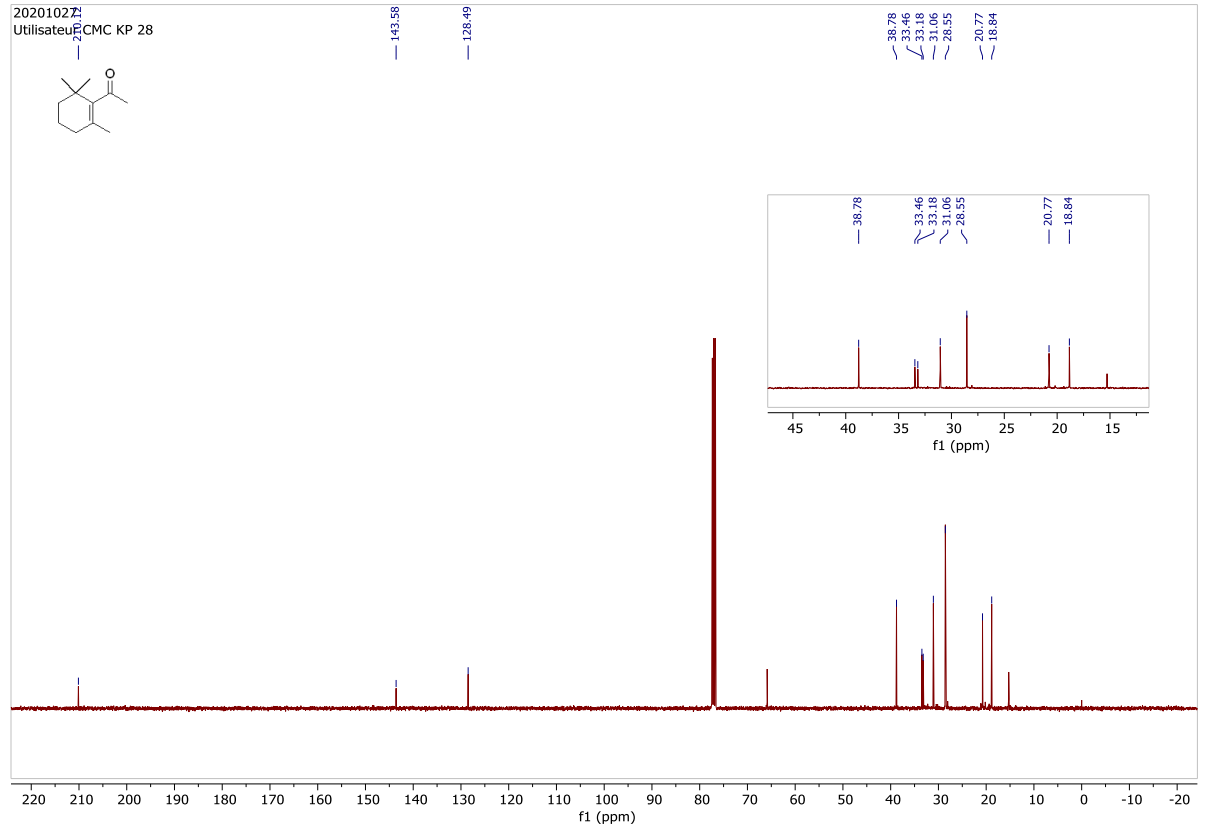


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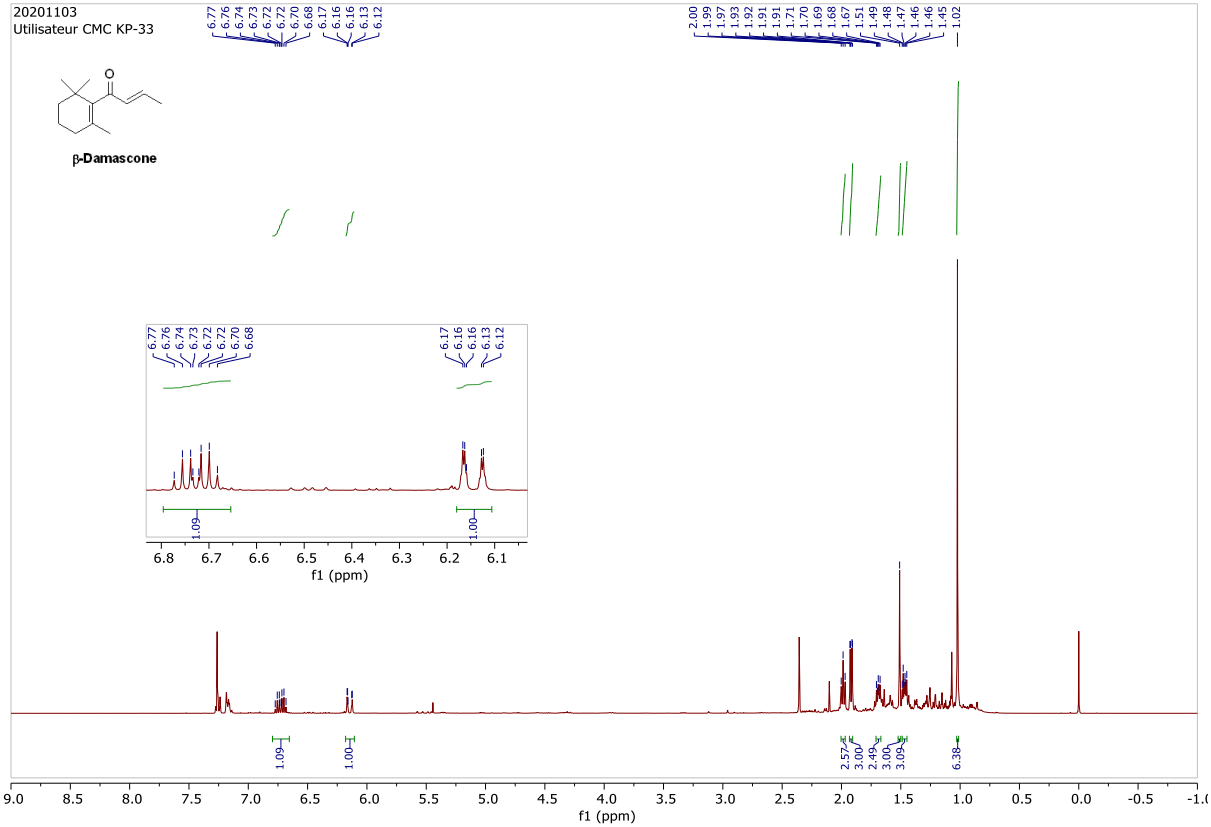


^{1}H-NMR spectra of 1-(2,2,6-Trimethylcyclohex-1-en-1-yl)ethan-1-one (**4**).

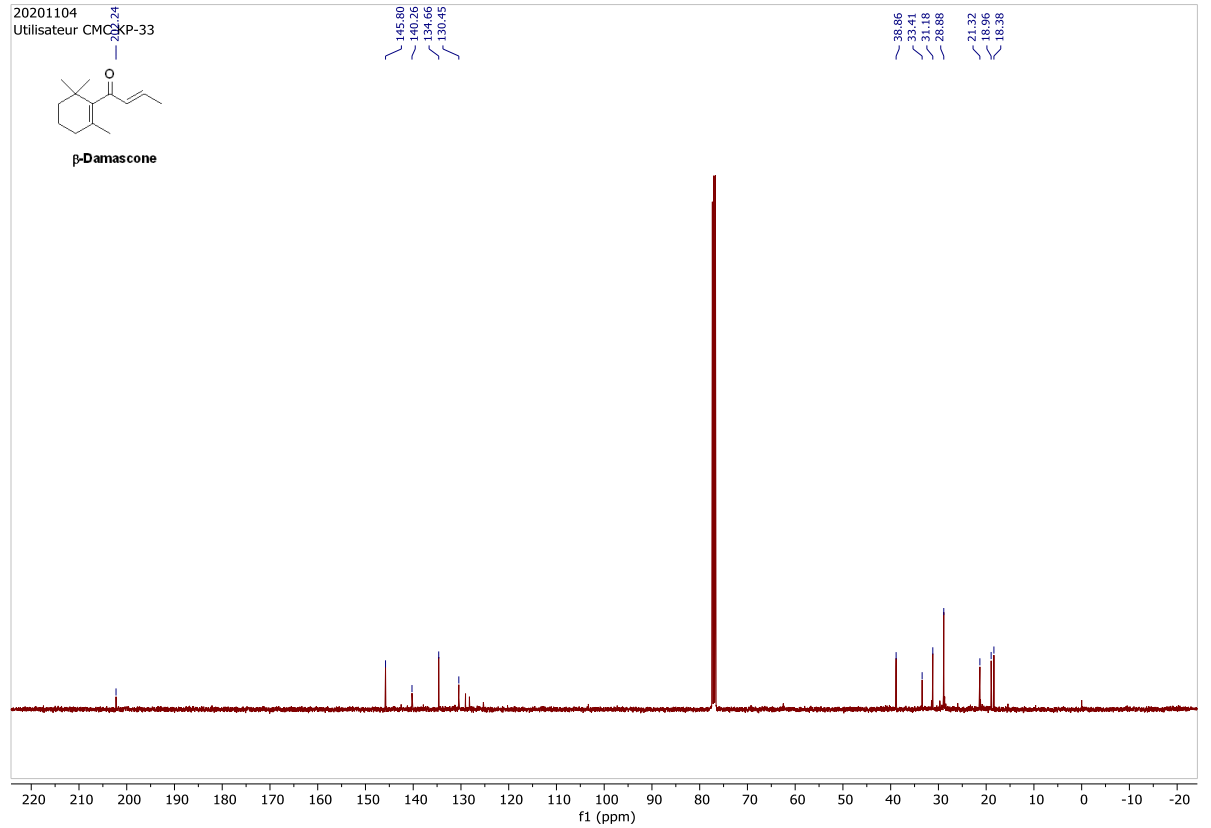


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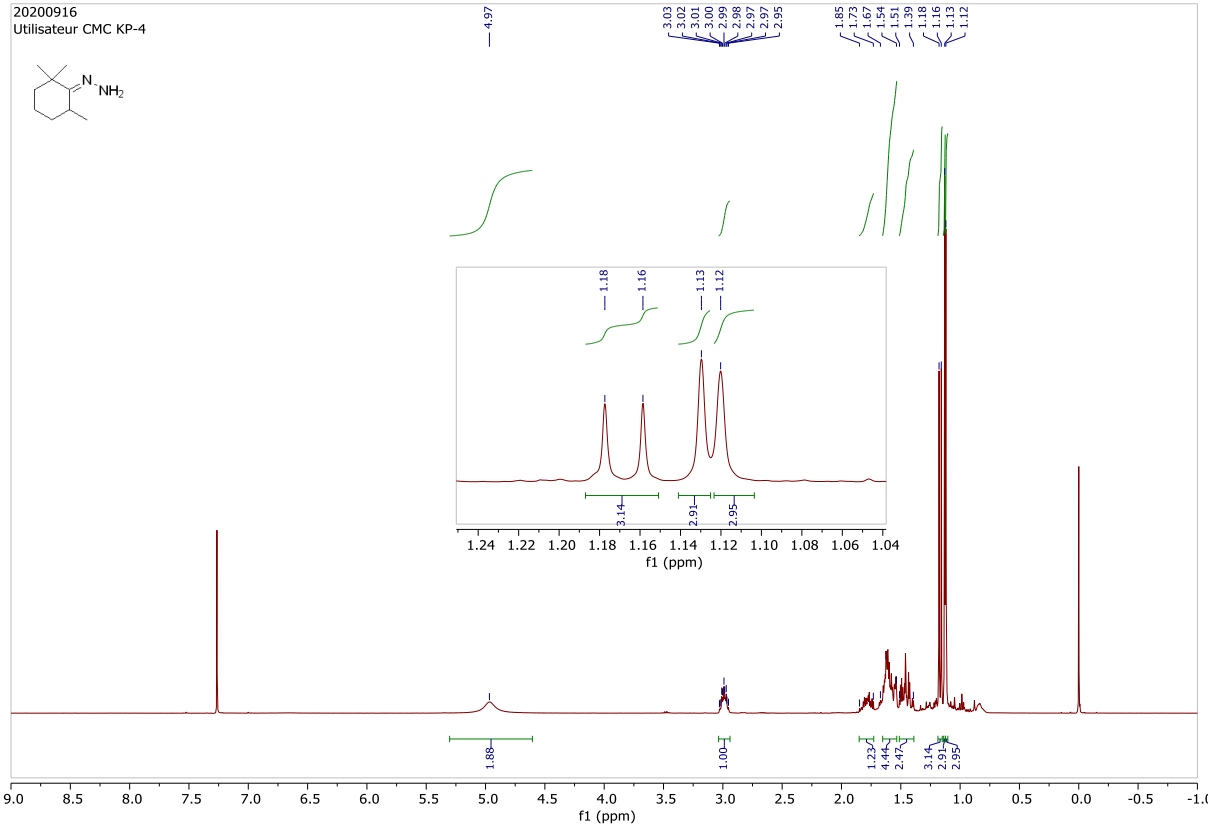


^{1}H-NMR spectra of β-Damascone.

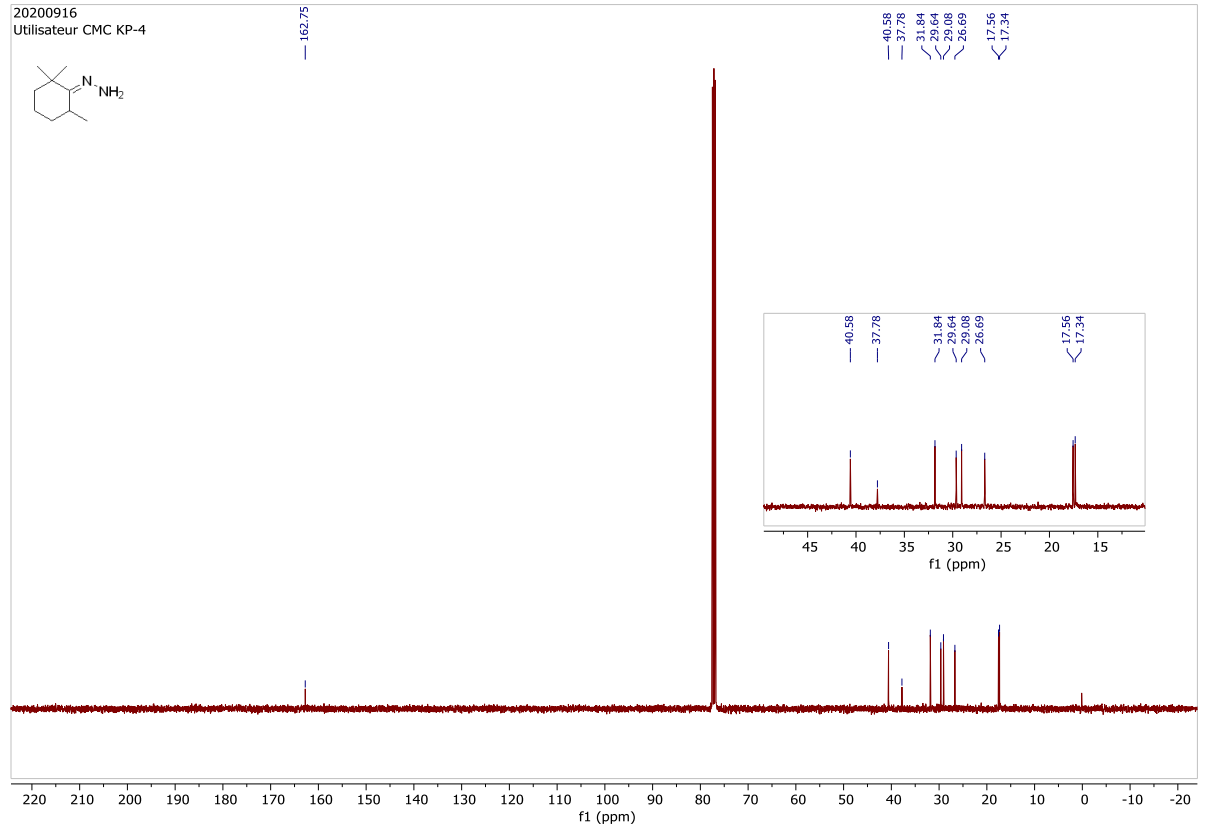


^{13}C-NMR spectra of β-Damascone.

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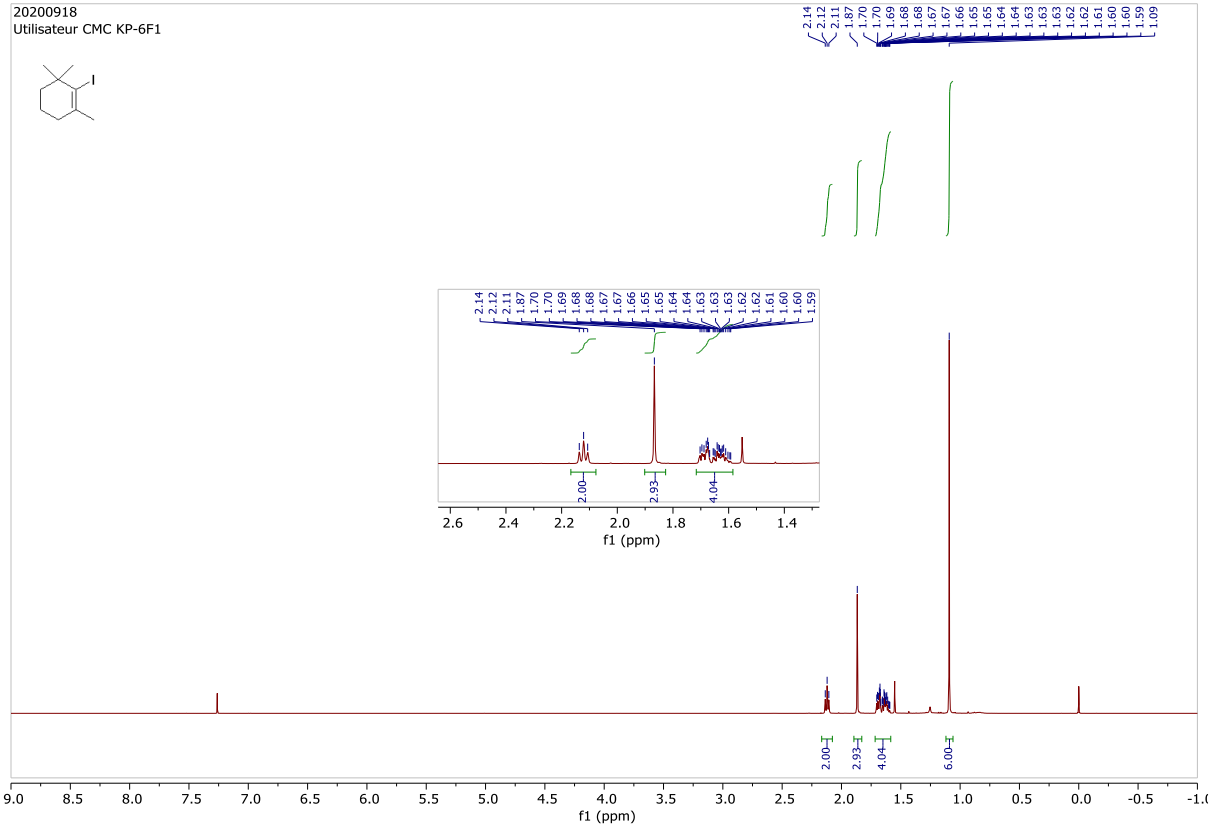


^{1}H-NMR spectra of 2,2,6-Trimethylcyclohexylidene hydrazone (**6**).

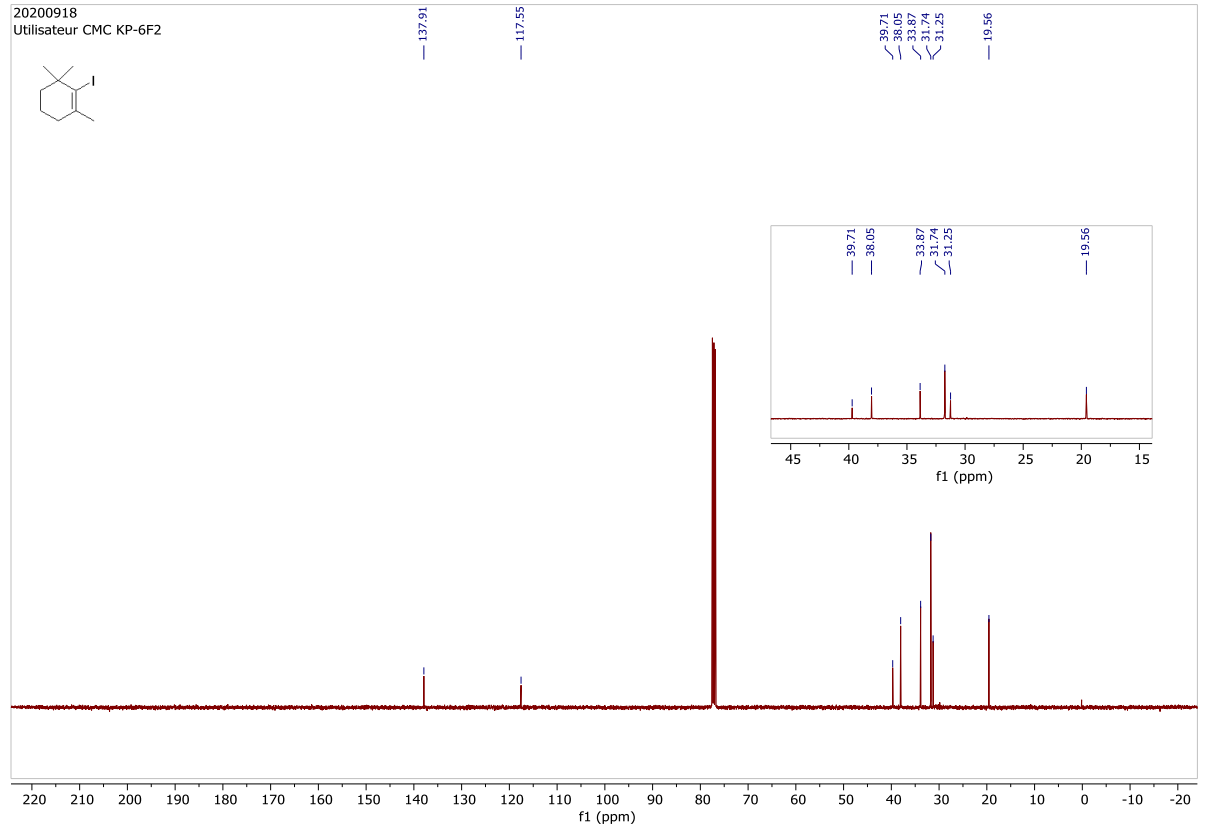


^{13}C-NMR spectra of 2,2,6-Trimethylcyclohexylidene hydrazone (**6**).

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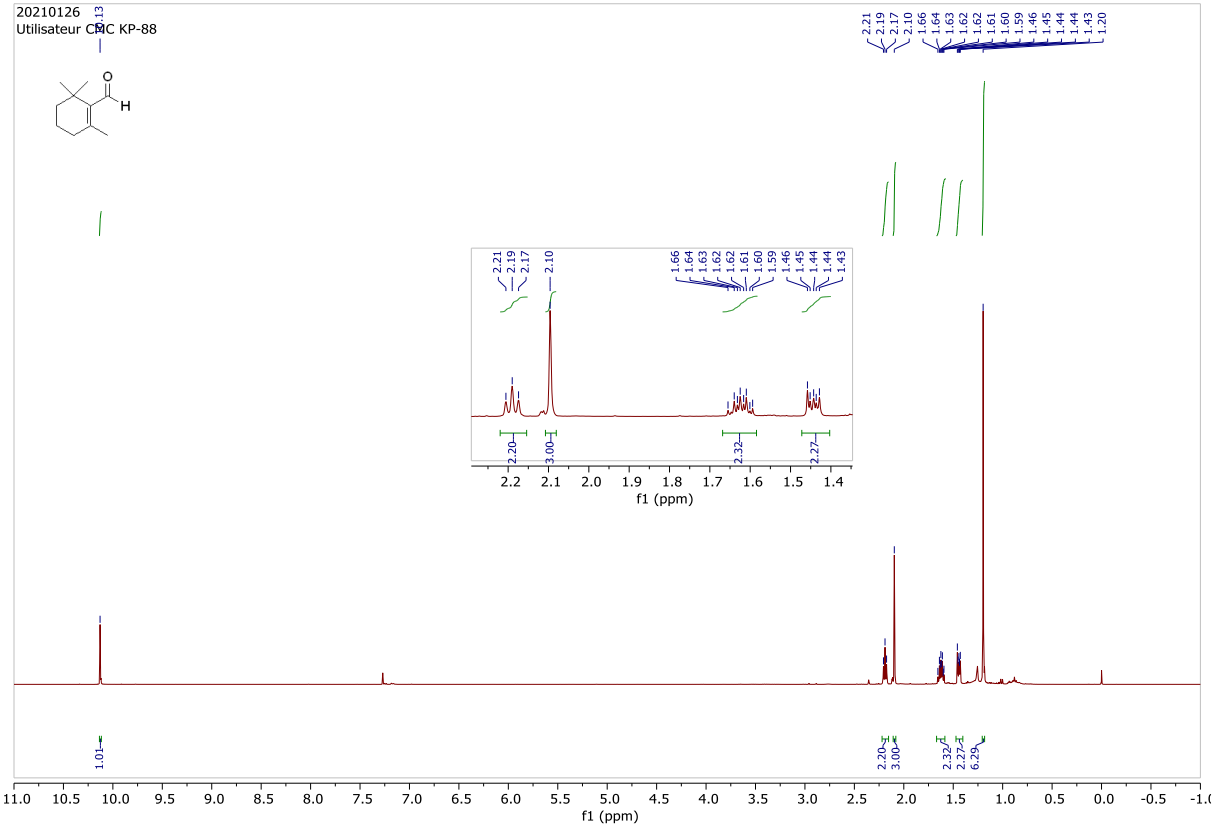


^{1}H-NMR spectra of 2-Iodo-1,3,3-trimethylcyclohex-1-ene (**7**).

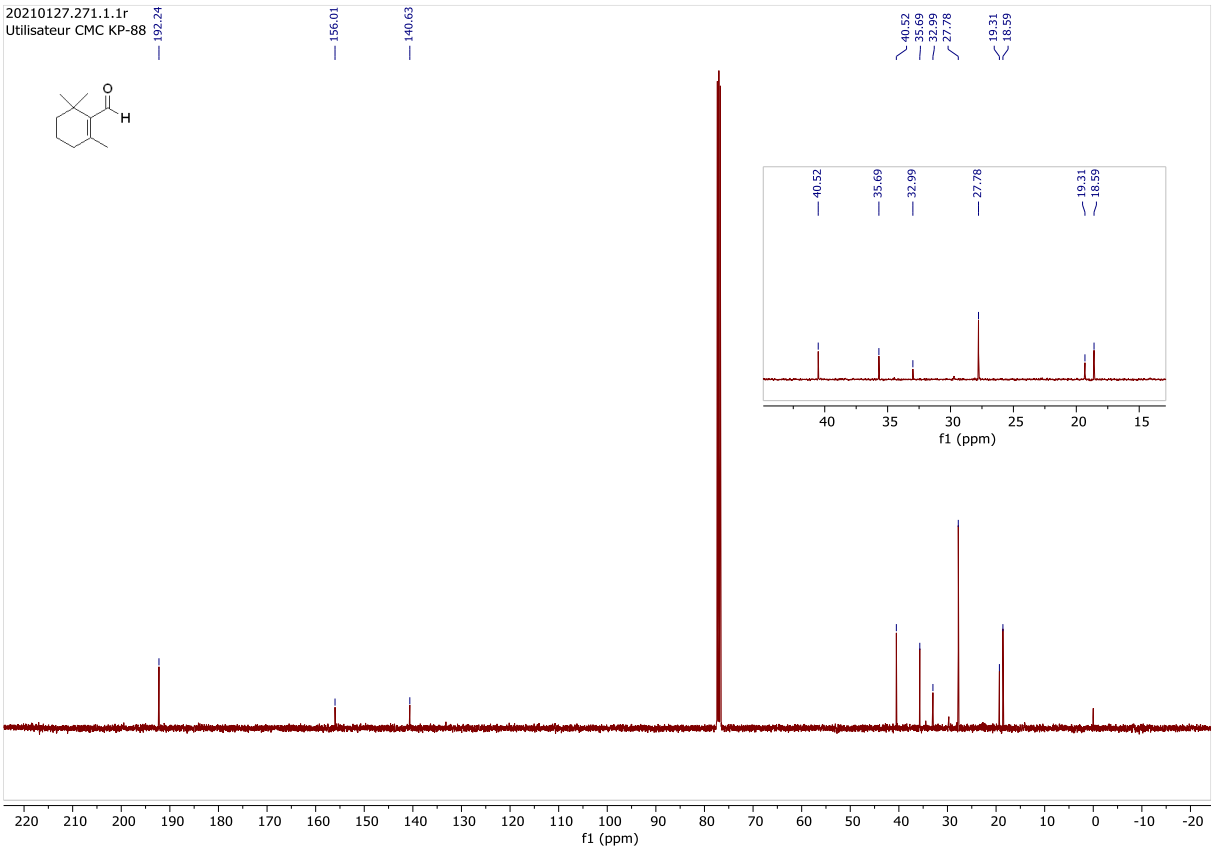


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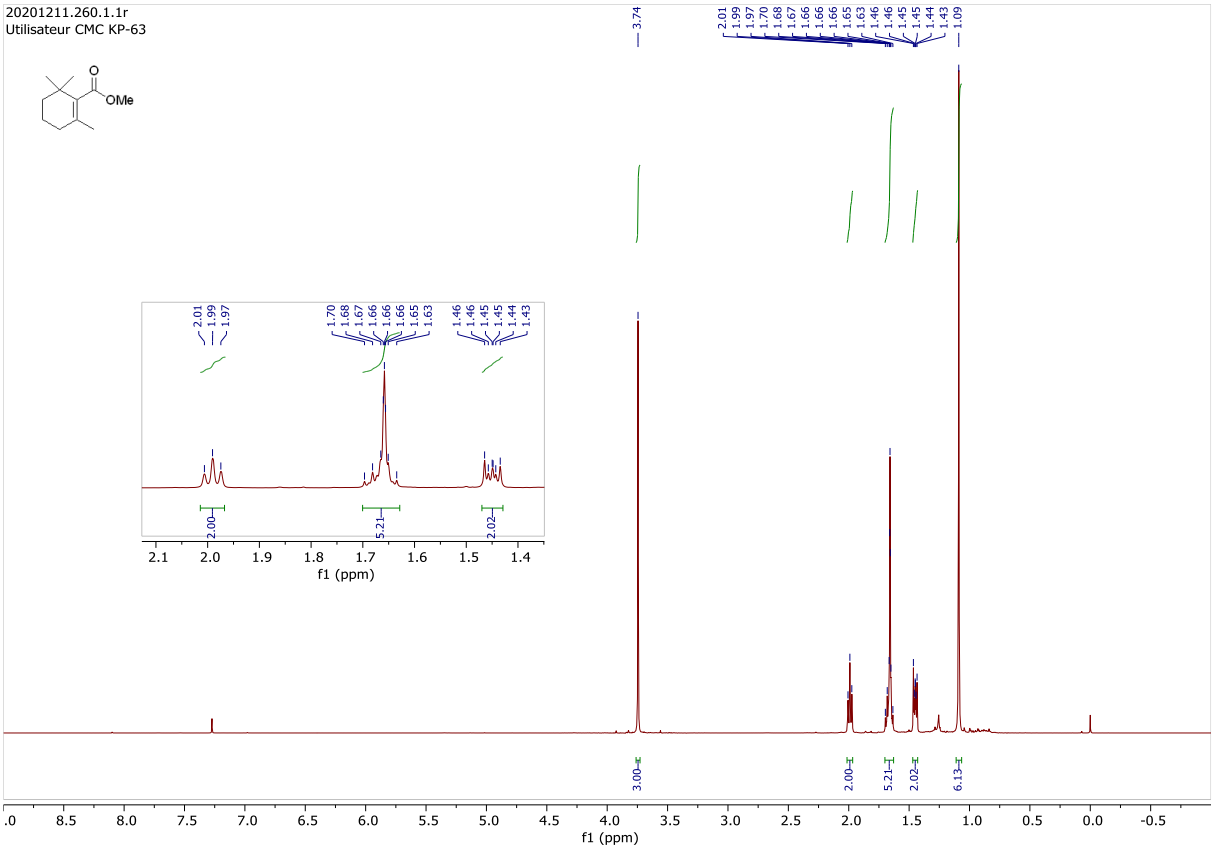


^{1}H-NMR spectra of 2,6,6-Trimethylcyclohex-1-ene-1-carbaldehyde (**8**).

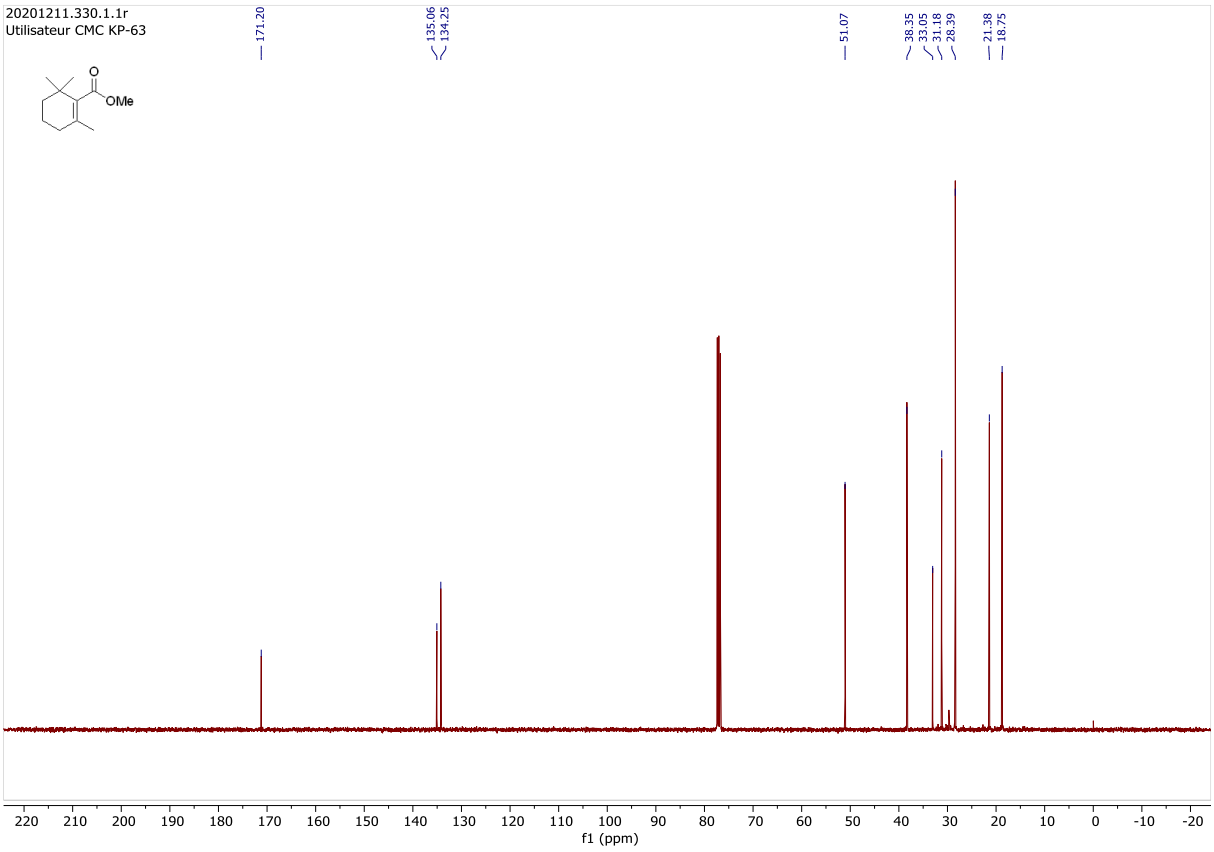


^{13}C-NMR spectra of 2,6,6-Trimethylcyclohex-1-ene-1-carbaldehyde (**8**).

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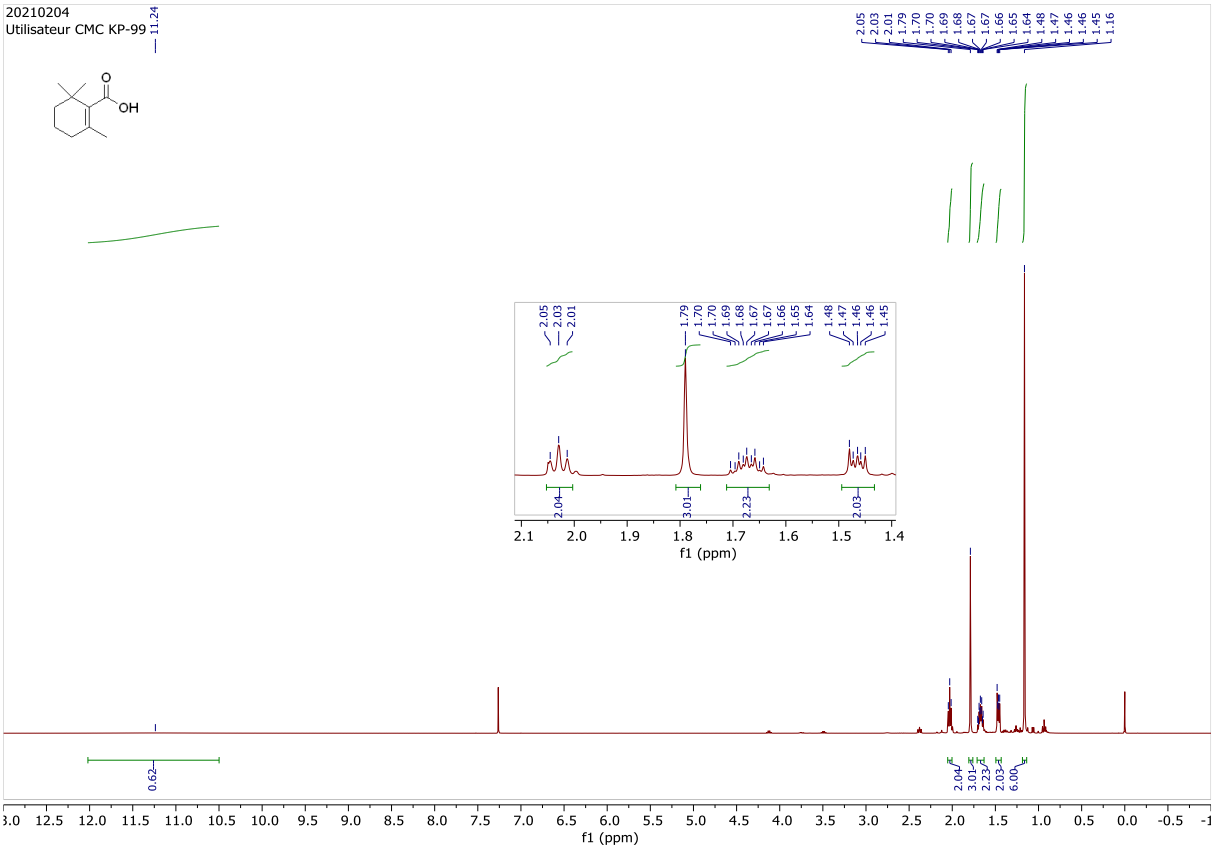


^{1}H-NMR spectra of Methyl 2,6,6-trimethylcyclohex-1-ene-1-carboxylate (**9**).

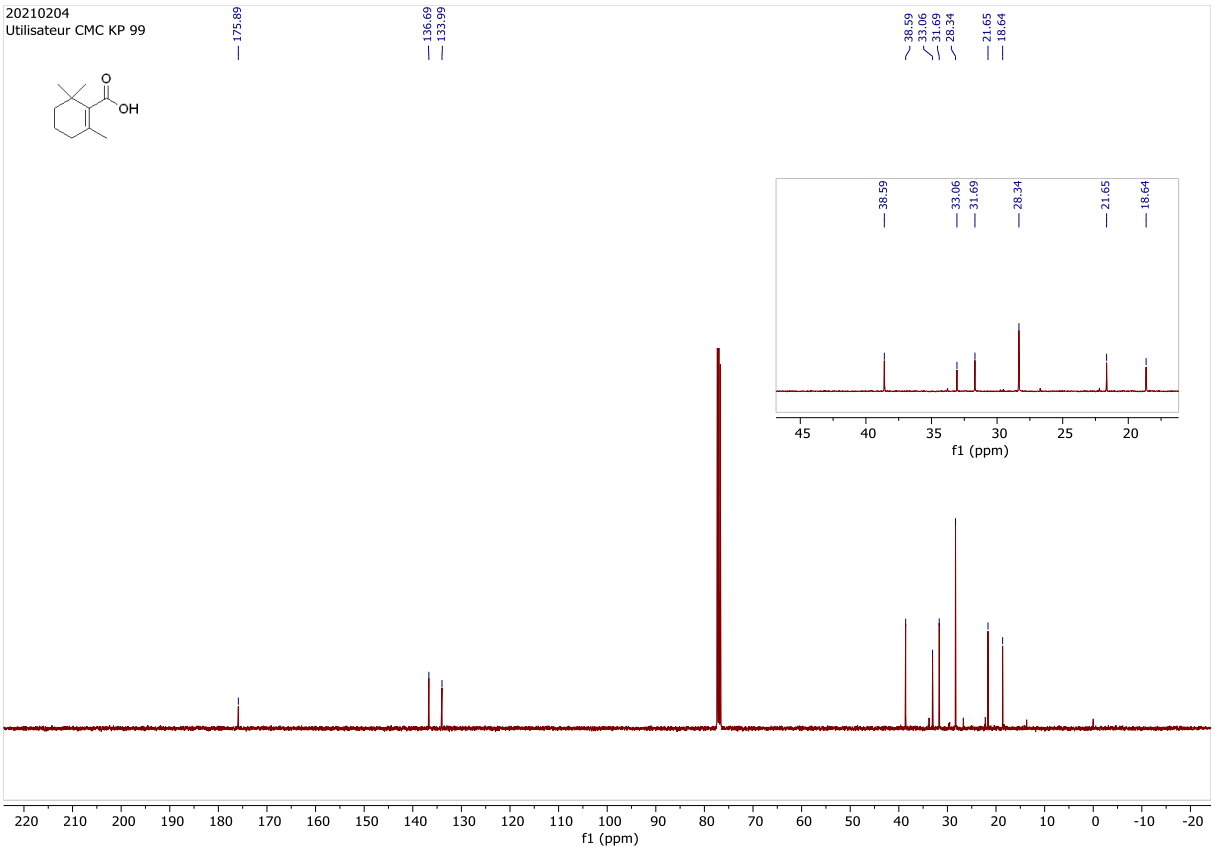


^{13}C-NMR spectra of Methyl 2,6,6-trimethylcyclohex-1-ene-1-carboxylate (**9**).

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^{1}H-NMR spectra of 2,6,6-Trimethylcyclohex-1-ene-1-carboxylic acid (**10**).



^{13}C-NMR spectra of 2,6,6-Trimethylcyclohex-1-ene-1-carboxylic acid (**10**).

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