

Chemo-enzymatic synthesis of N-alkyloxaziridines mediated by lipases and urea-hydrogen peroxide

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Electronic Supplementary Information

(E)-2-ethyl-hexylamine-3-phenyl oxaziridine (14)

¹H-NMR spectra S-1

¹³C-NMR spectra S-2

IR-Spectra S-3

(Z)-2-ethyl-hexylamine-3-phenyl oxaziridine (14)

¹H-NMR spectra S-4

¹³C-NMR spectra S-5

IR-Spectra S-6

(E)-2-ethyl-hexylamine-3-4-hydroxy phenyl oxaziridine (15):

¹H-NMR spectra S-7

¹³C-NMR spectra S-8

IR-Spectra S-9

(Z)-2-ethyl-hexylamine-3-4-hydroxy phenyl oxaziridine (15):

¹H-NMR spectra S-10

¹³C-NMR spectra S-11

IR-Spectra S-12

(E)-2-ethyl-hexylamine-3-4-methyl phenyl oxaziridine (16):

¹H-NMR spectra S-13

¹³C-NMR spectra S-14

IR-Spectra S-15

(Z)-2-ethyl-hexylamine-3-4-methyl phenyl oxaziridine (16):

¹H-NMR spectra S-16

¹³C-NMR spectra S-17

IR-Spectra S-18

(E)- 2-ethyl-hexylamine-3-4-methoxy phenyl oxaziridine (17):

¹H-NMR spectra S-19

¹³C-NMR spectra S-20

IR-Spectra S-21

(Z)-2-ethyl-hexylamine-3-4-methoxy phenyl oxaziridine (17):

¹H-NMR spectra S-22

¹³C-NMR spectra S-23

IR-Spectra S-24

(E)- 2-ethyl-hexylamine-3-4-N.N-dimethyl phenyl oxaziridine (18):

¹H-NMR spectra S-25

¹³C-NMR spectra S-26

IR-Spectra S-27

(Z)- 2-ethyl-hexylamine-3-4-N.N-dimethyl phenyl oxaziridine (18):

¹H-NMR spectra S-28

¹³C-NMR spectra S-29

IR-Spectra S-30

(E)- 2-ethyl-hexylamine-3-2,4,5-trimethoxy phenyl oxaziridine (19):

¹H-NMR spectra S-31

¹³C-NMR spectra S-32

IR-Spectra S-33

(Z)- 2-ethyl-hexylamine-3-2,4,5-trimethoxy phenyl oxaziridine (19):

¹H-NMR spectra S-34

¹³C-NMR spectra S-35

IR-Spectra S-36

(E)- 2-ethyl-hexylamine-3-4-fluoro phenyl oxaziridine (20):

¹H-NMR spectra S-37

¹³C-NMR spectra S-38

IR-Spectra S-39

(Z)-2-ethyl-hexylamine-3-4-fluoro phenyl oxaziridine (20):

¹H-NMR spectra S-40

¹³C-NMR spectra S-41

IR-Spectra S-42

(E)- 2-ethyl-hexylamine-3-2,4-dichloro phenyl oxaziridine (21):

¹H-NMR spectra S-43

¹³C-NMR spectra S-44

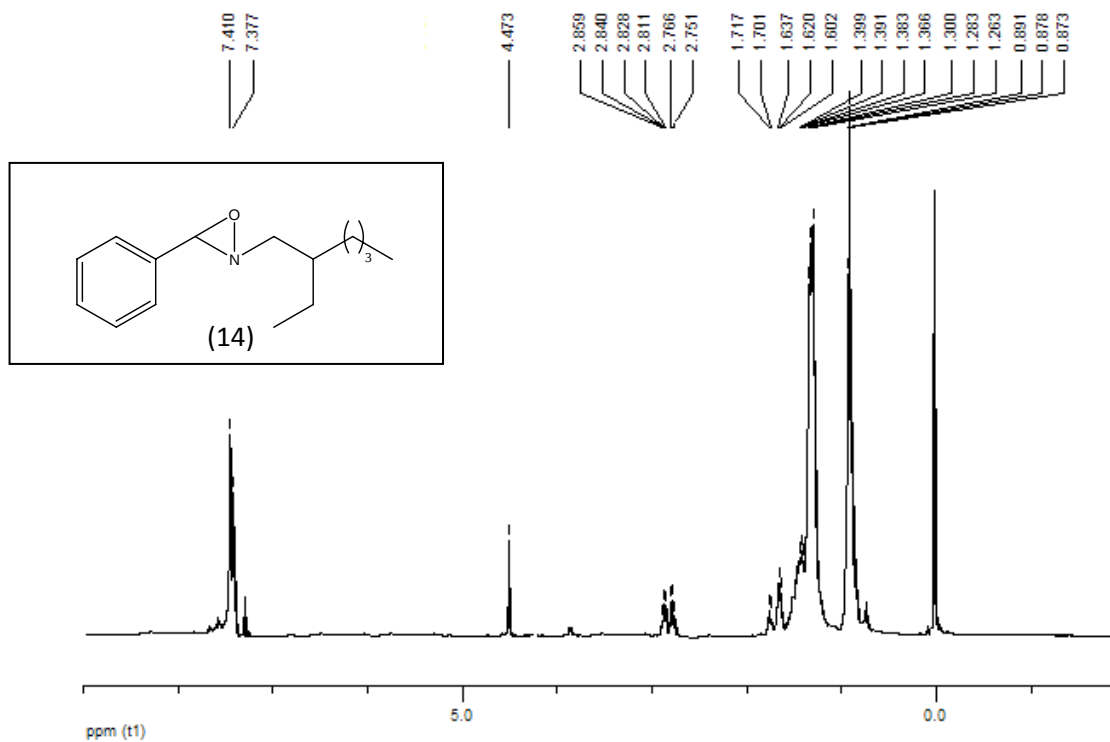
IR-Spectra S-45

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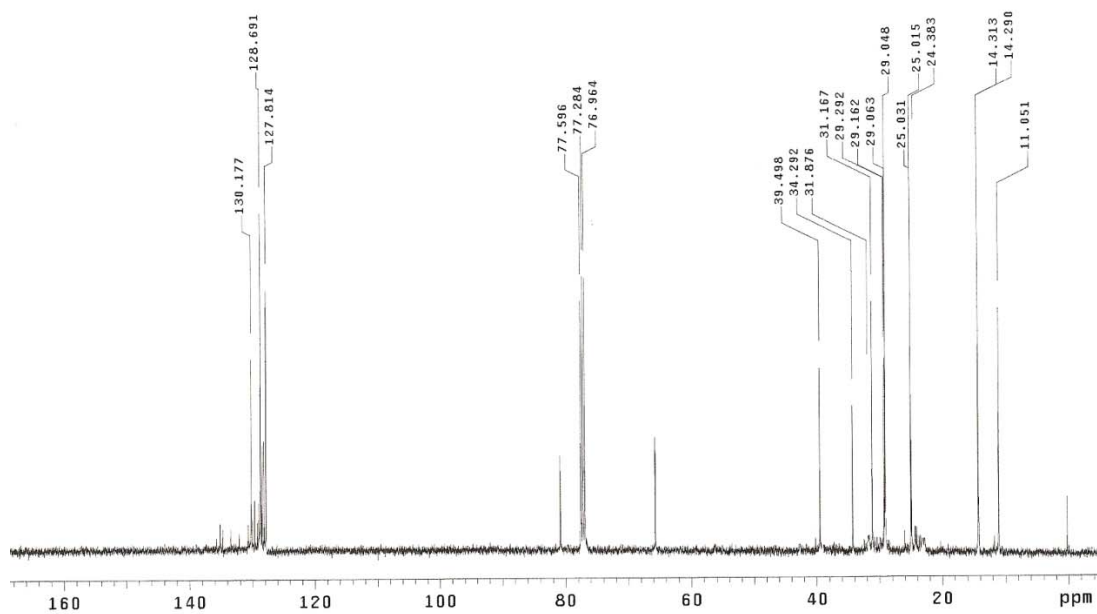
¹H-NMR spectra S-46

¹³C-NMR spectra S-47

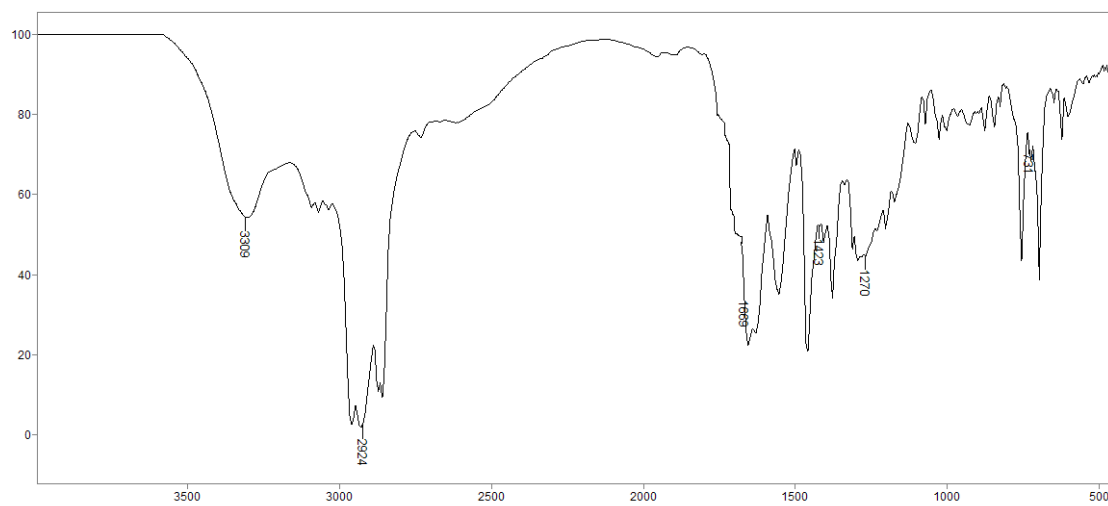
IR-Spectra S-48



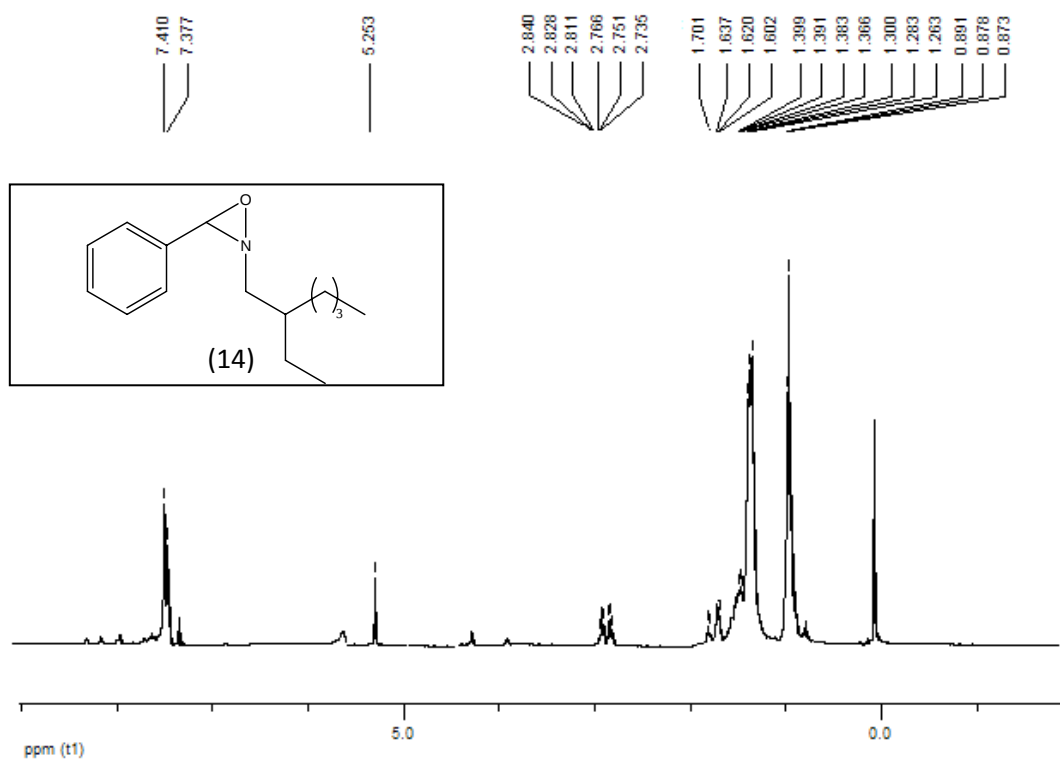
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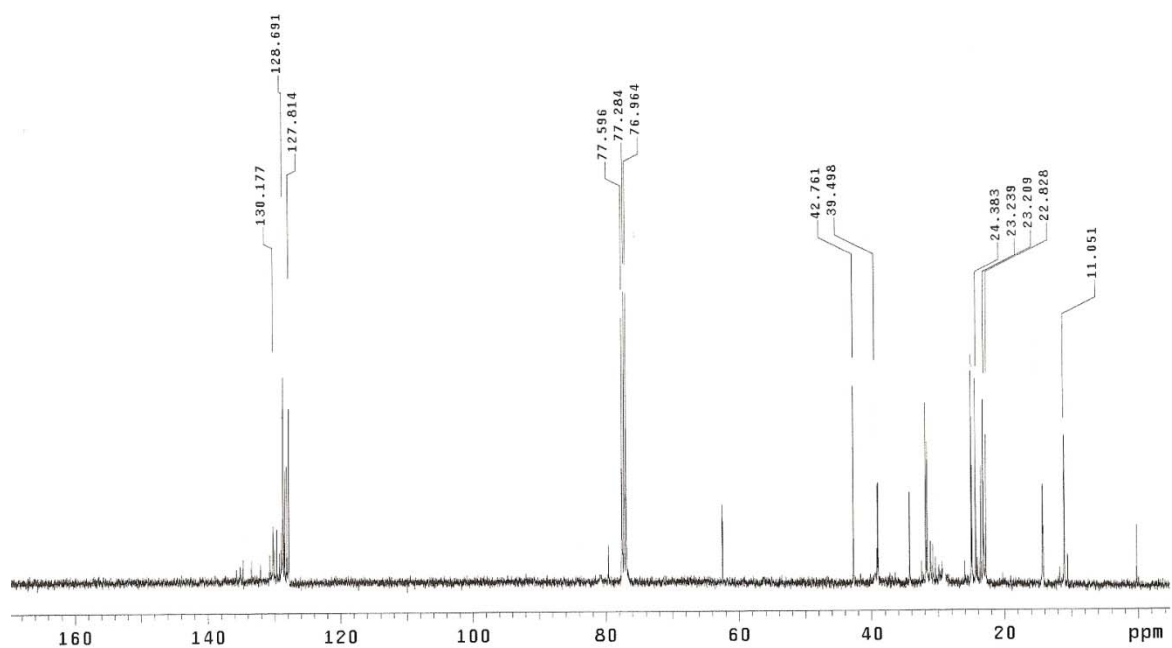
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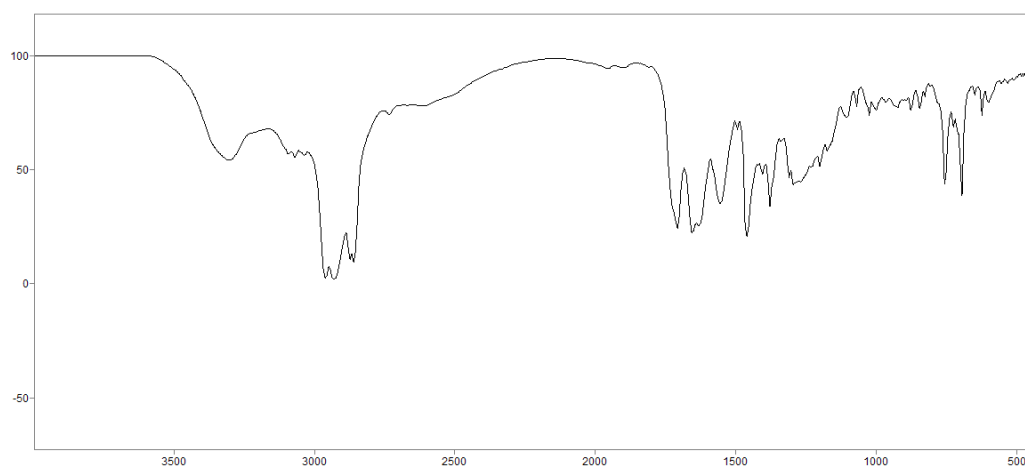
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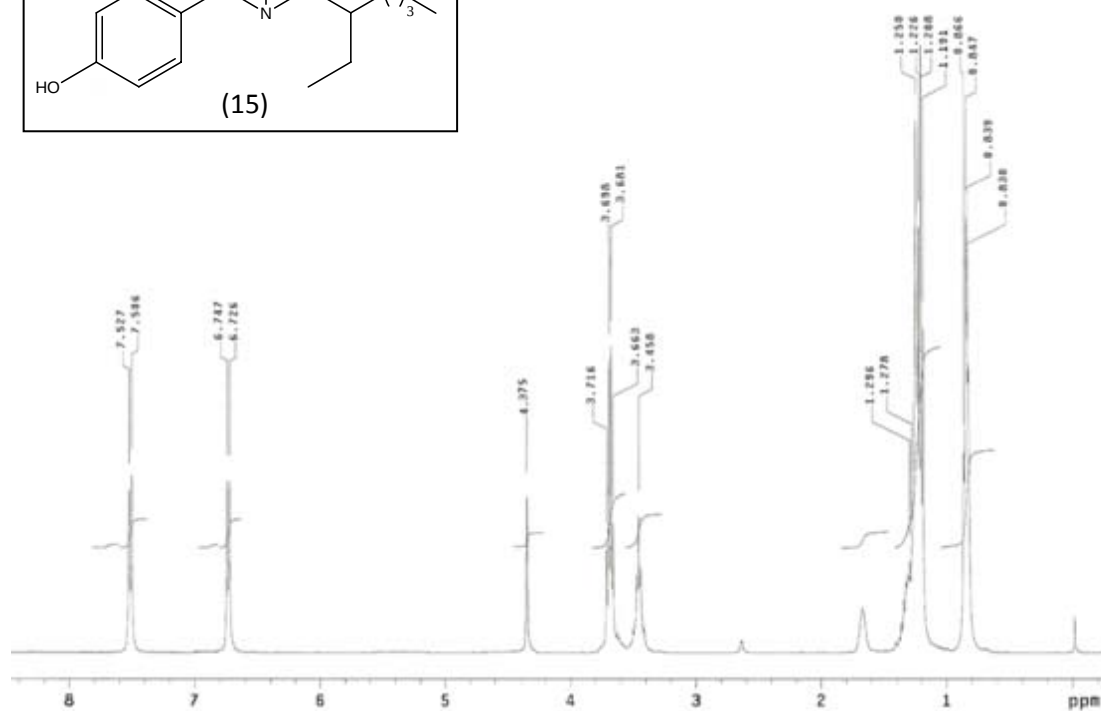
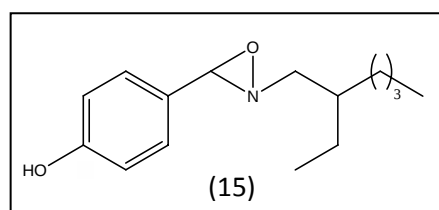
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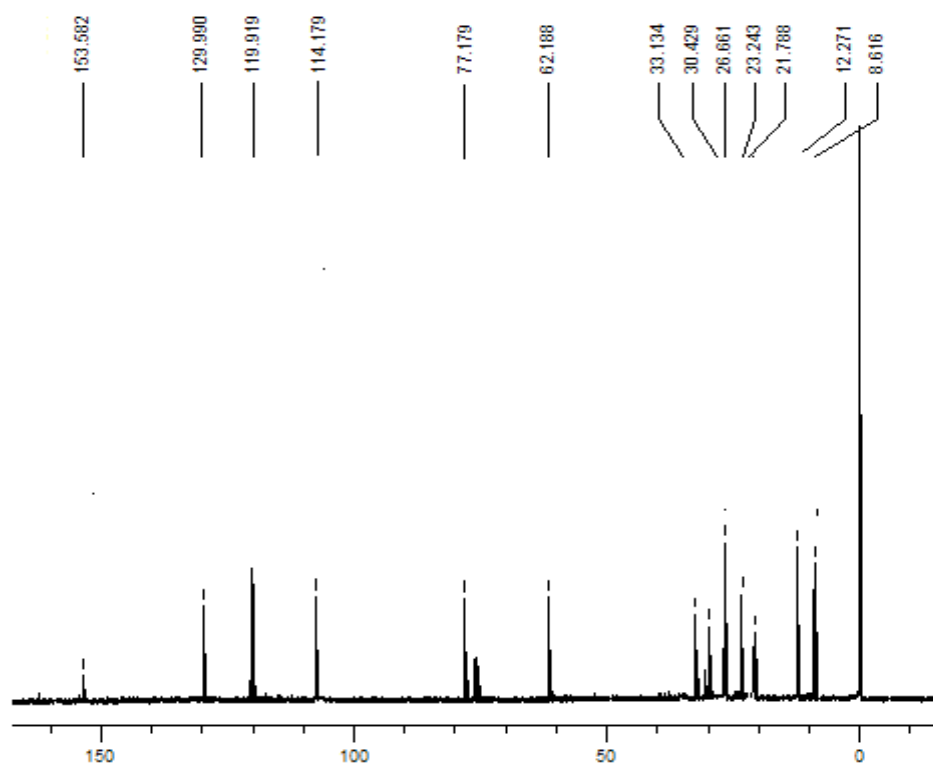
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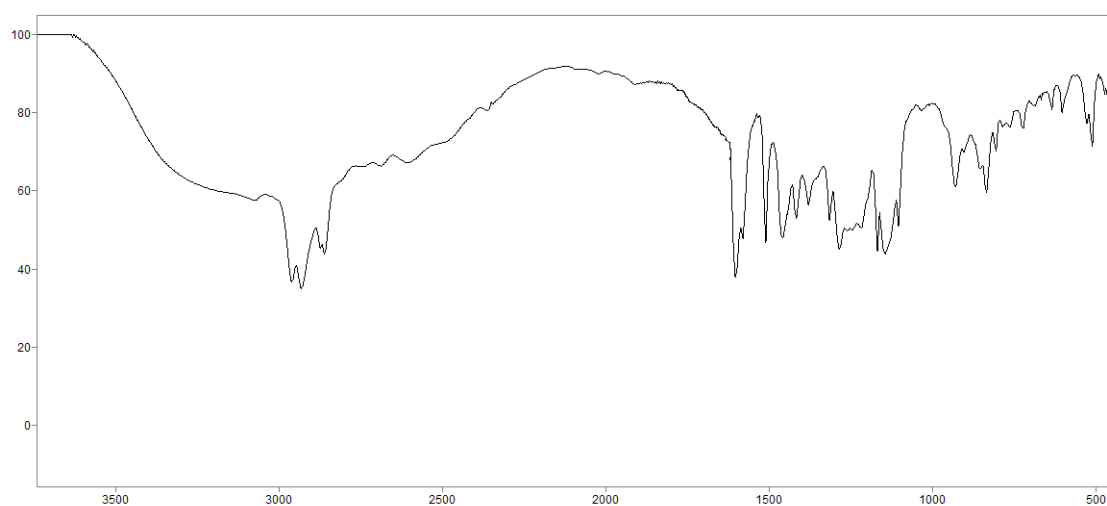
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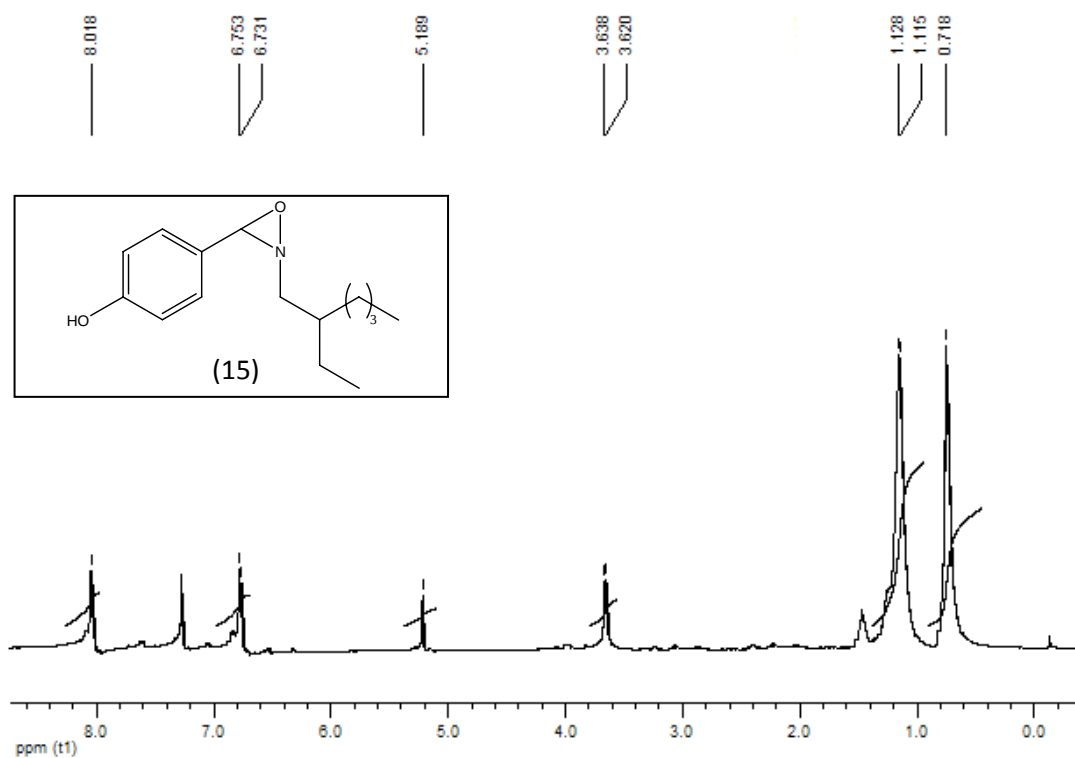
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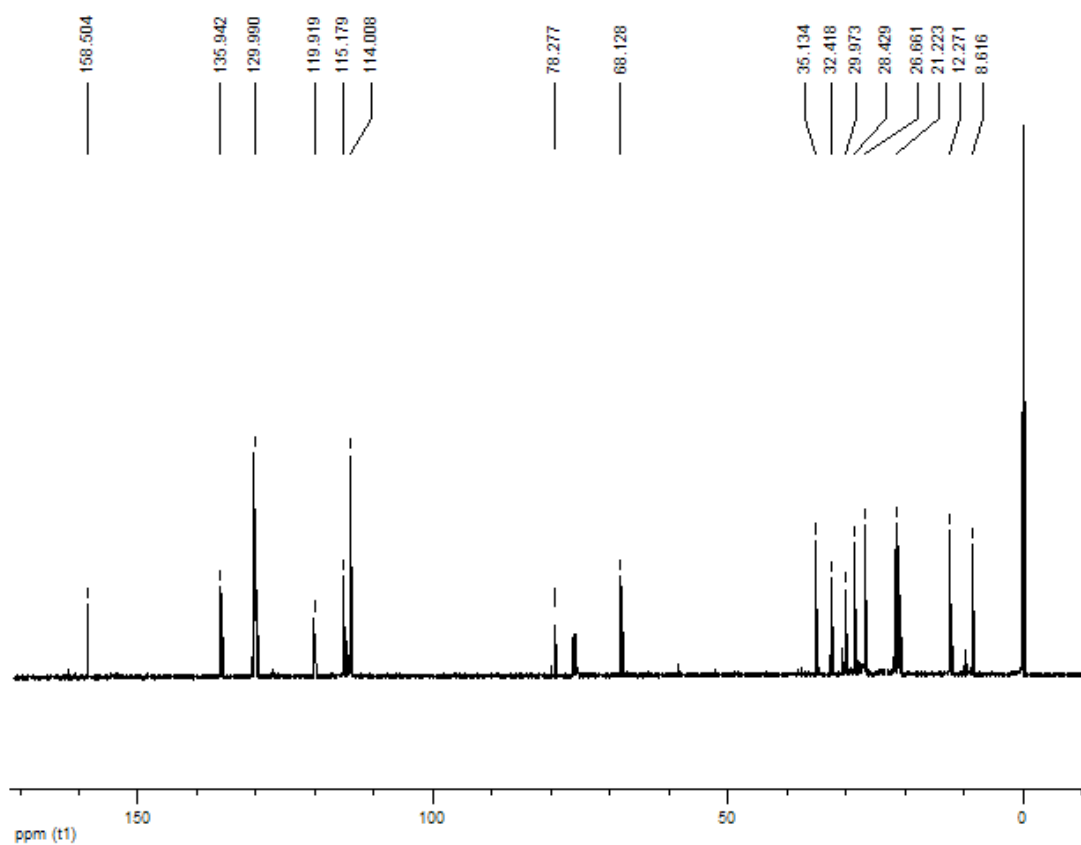
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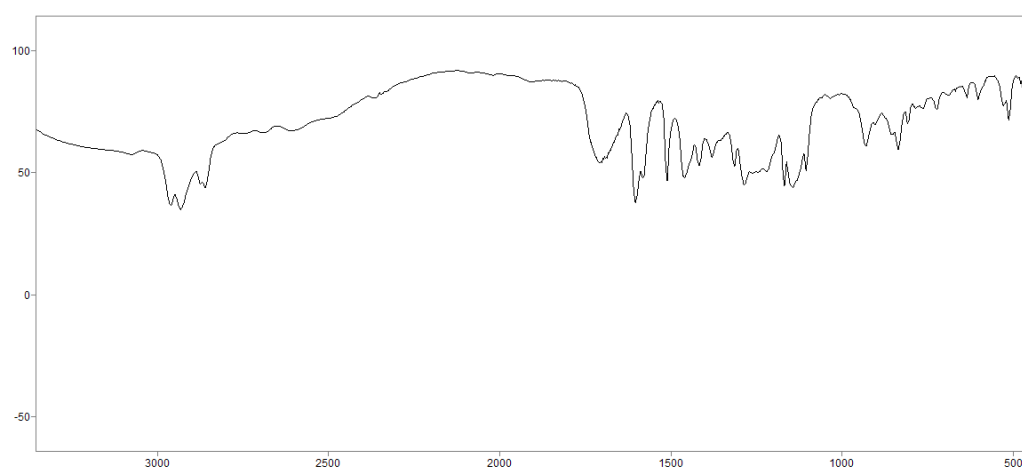
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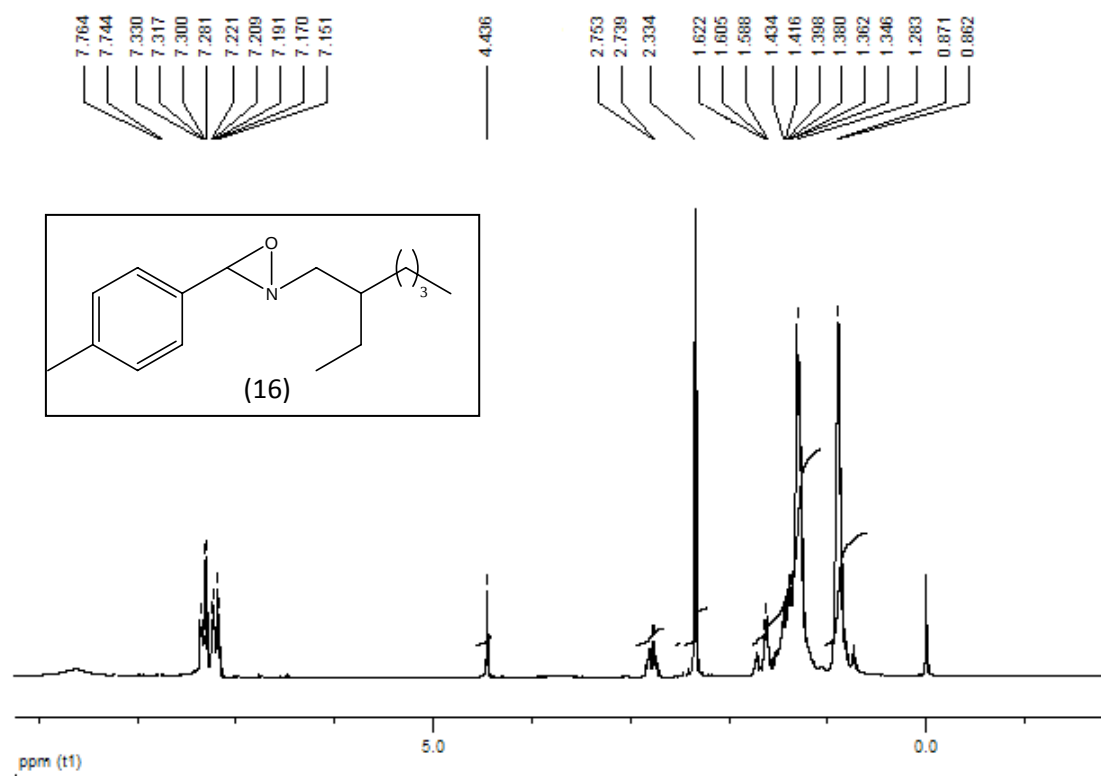
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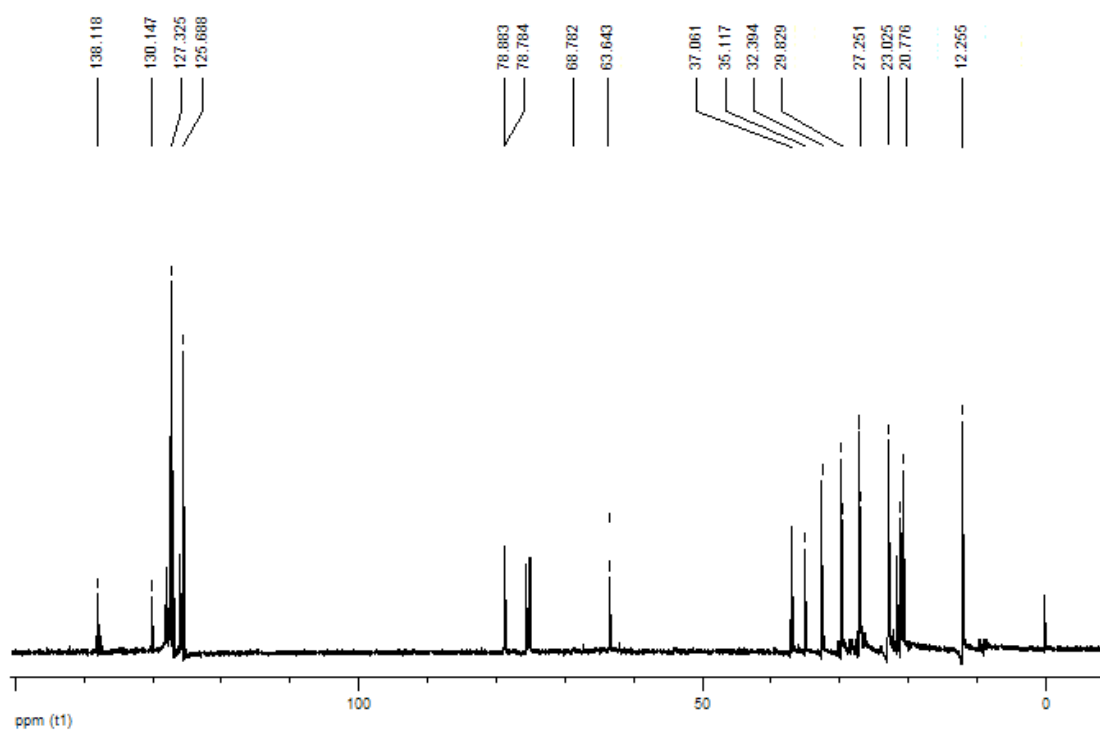
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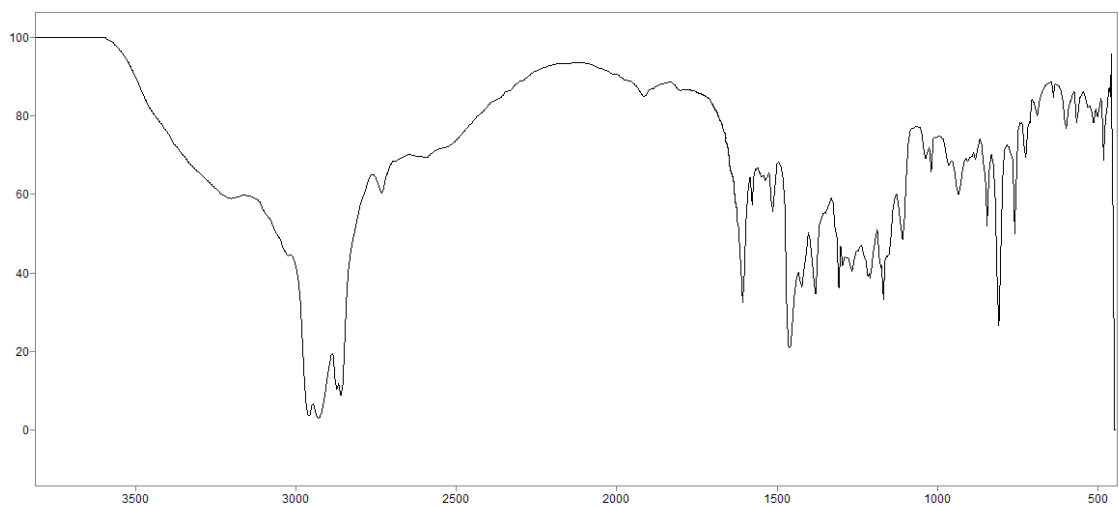
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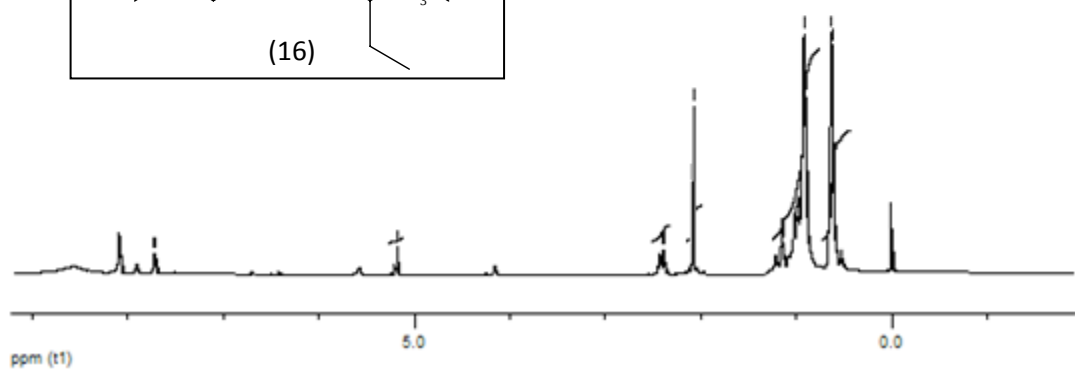
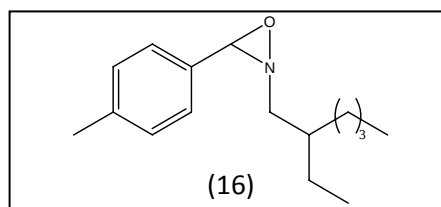
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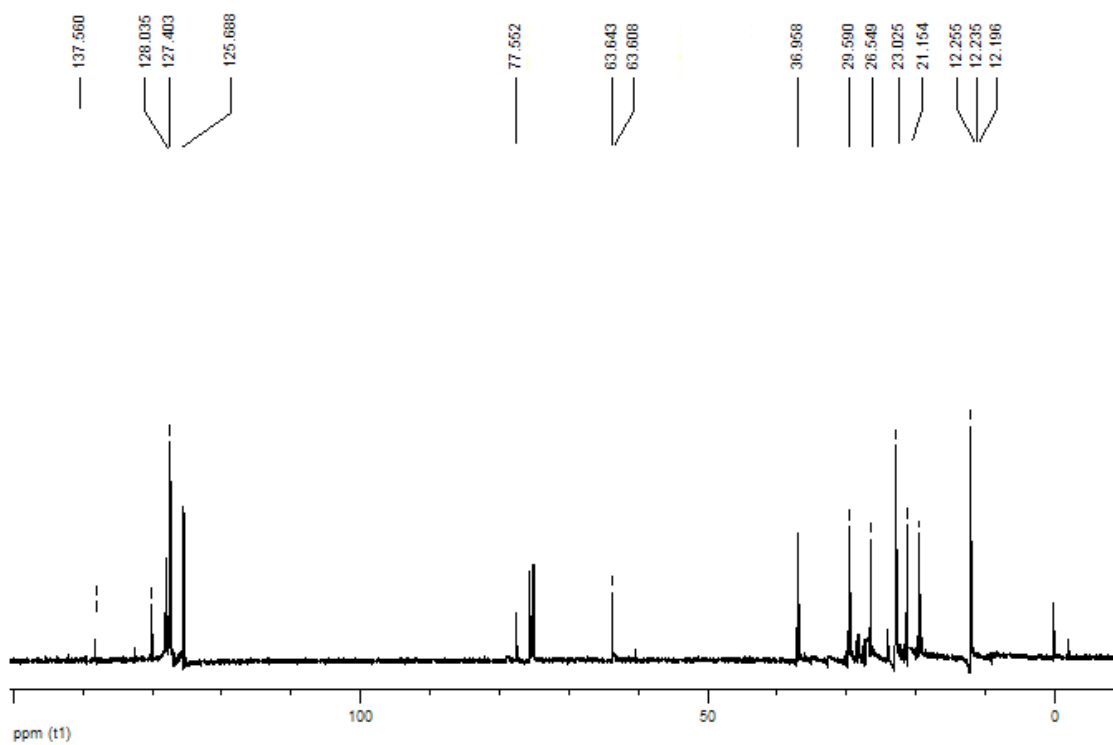
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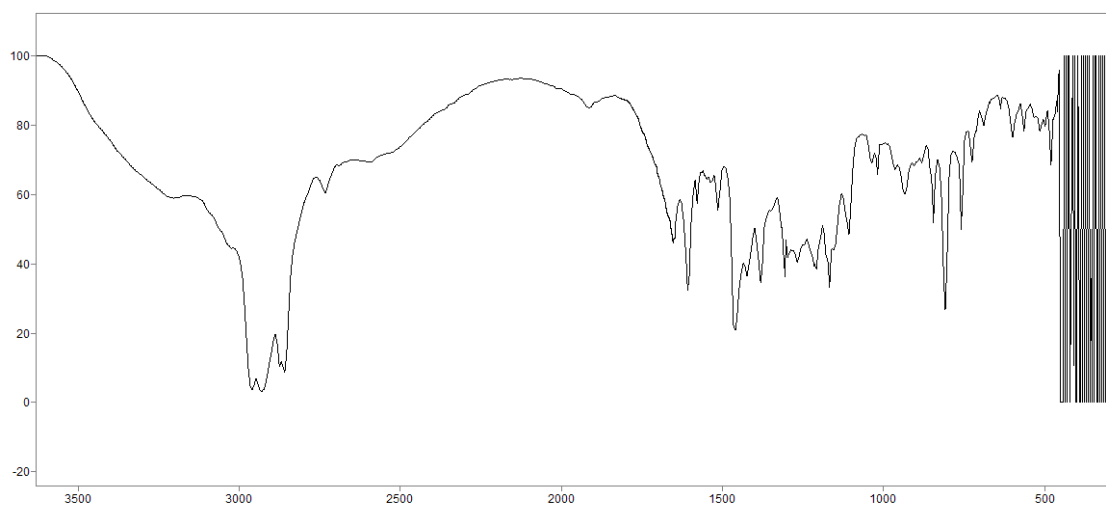
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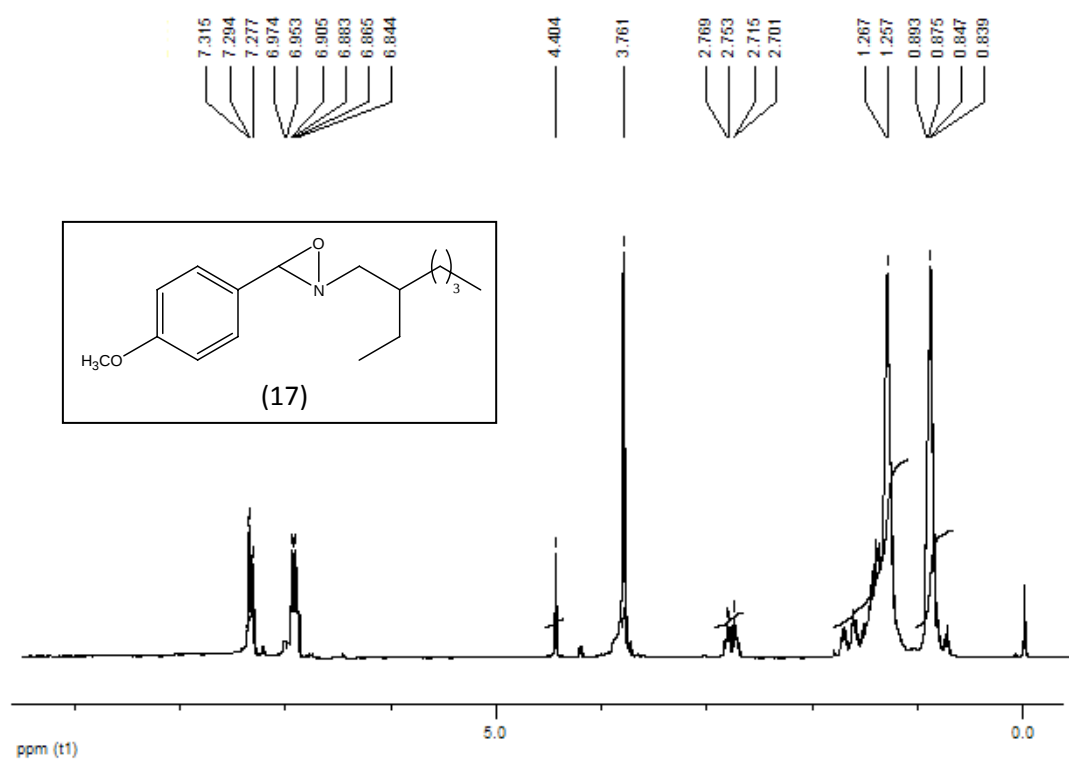
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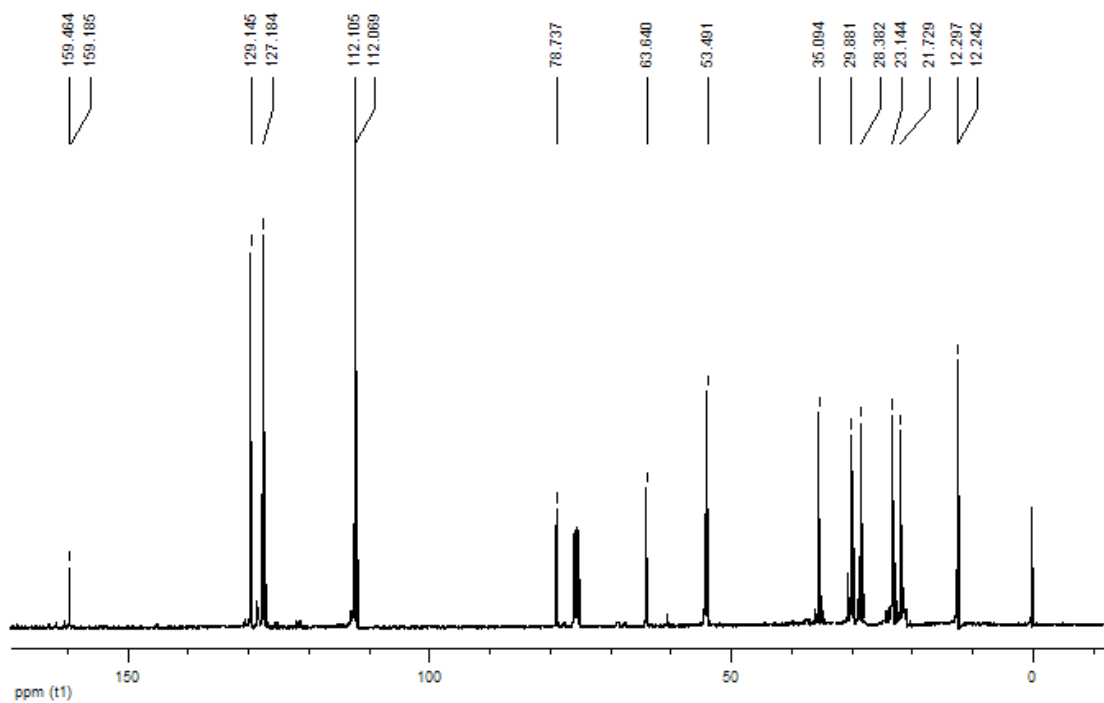
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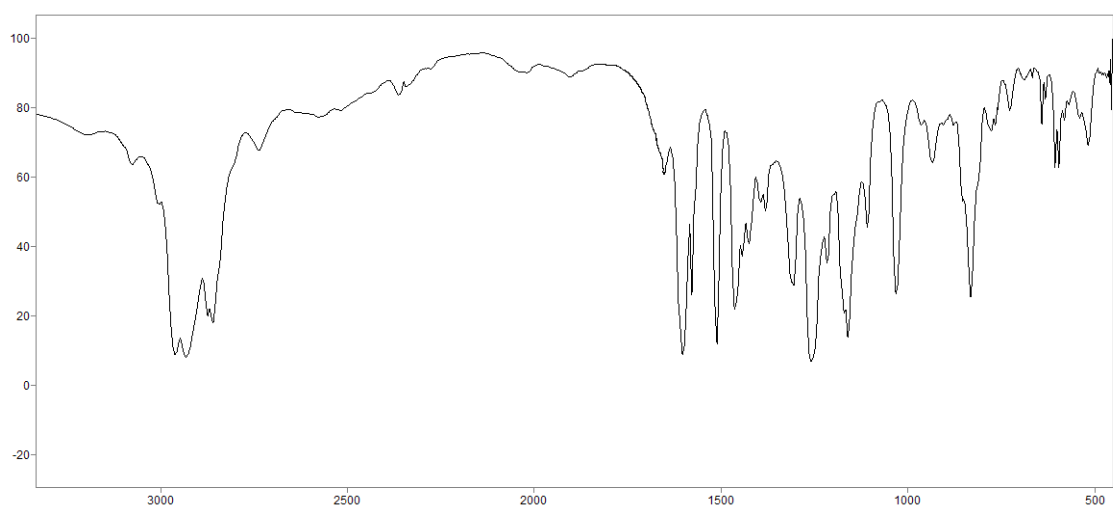
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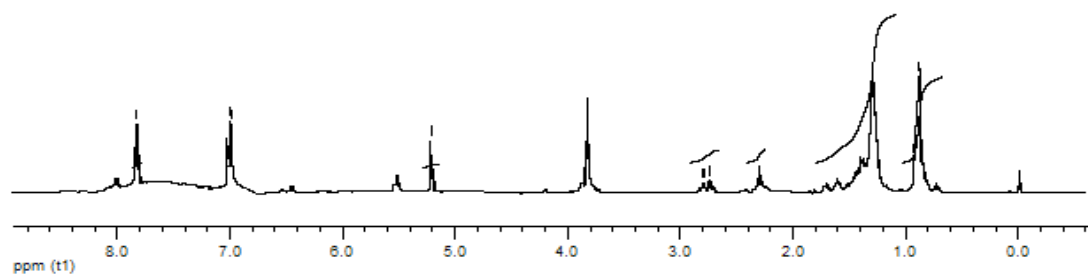
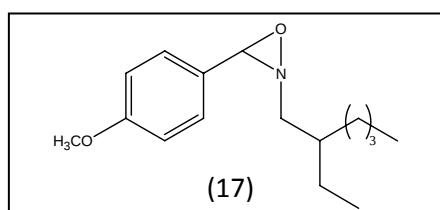
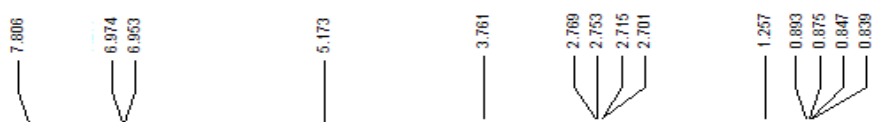
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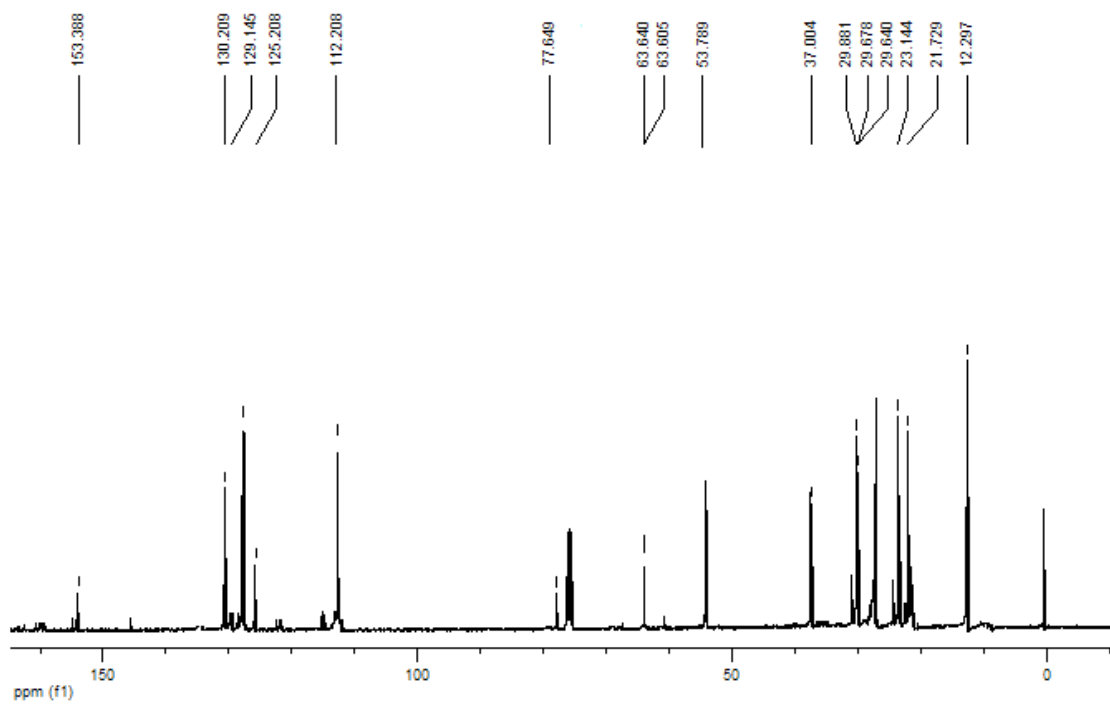
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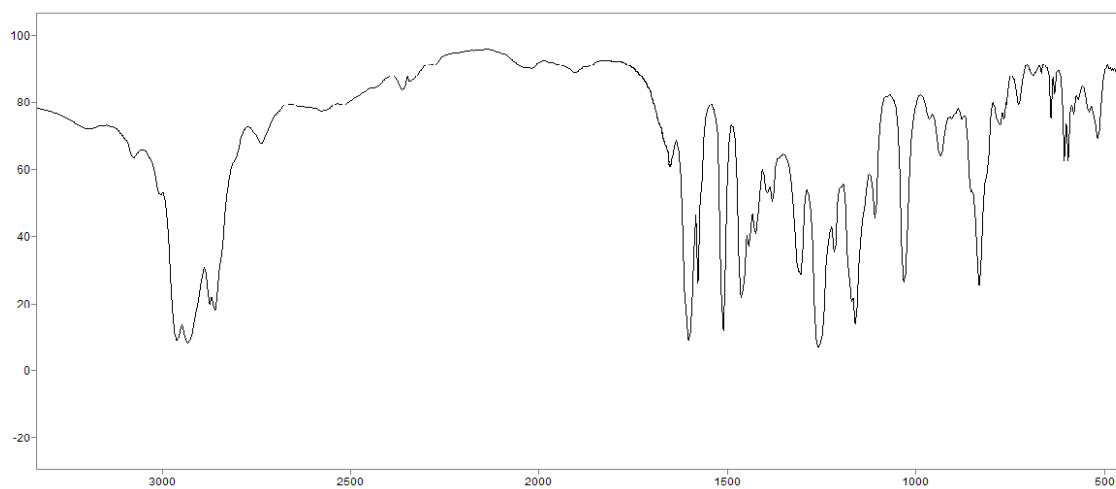
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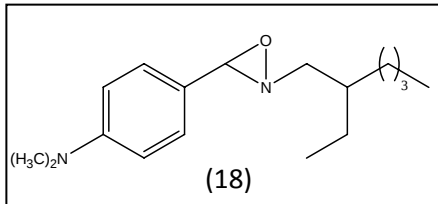
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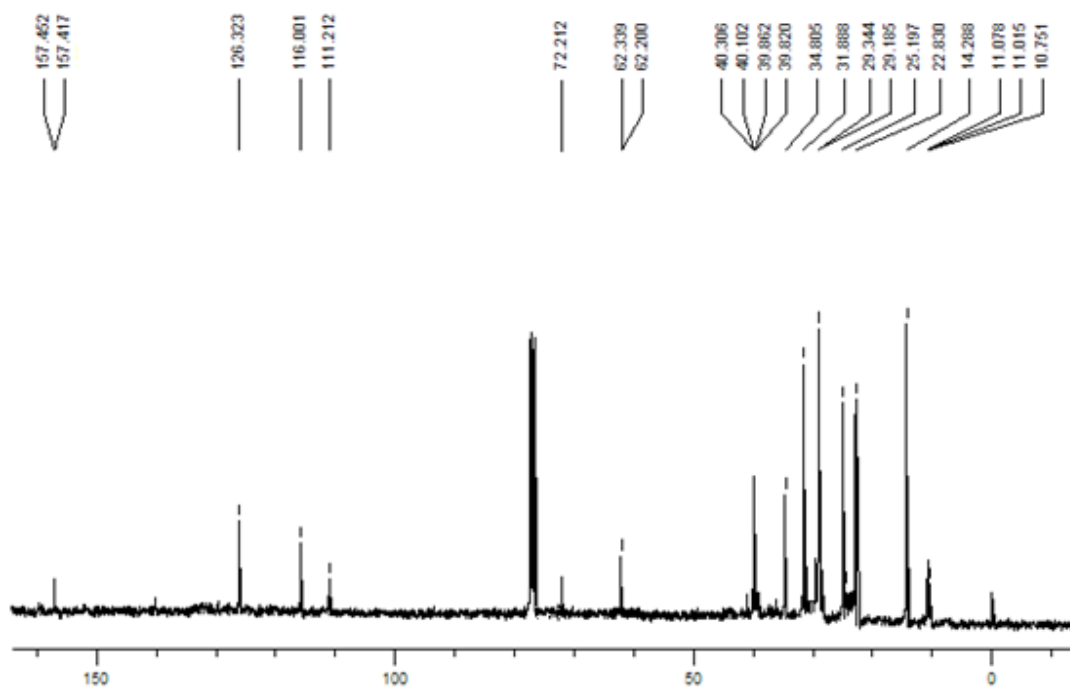
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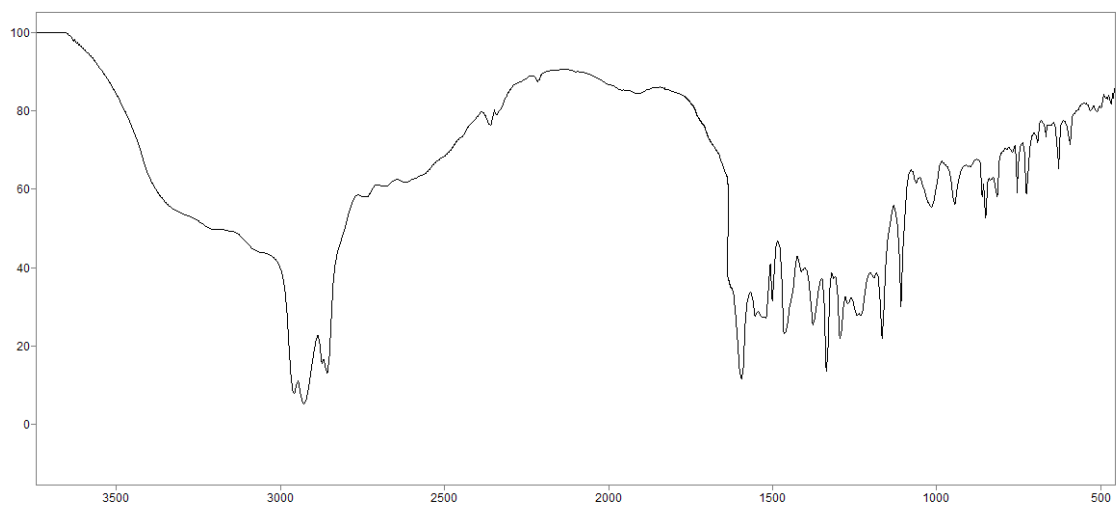


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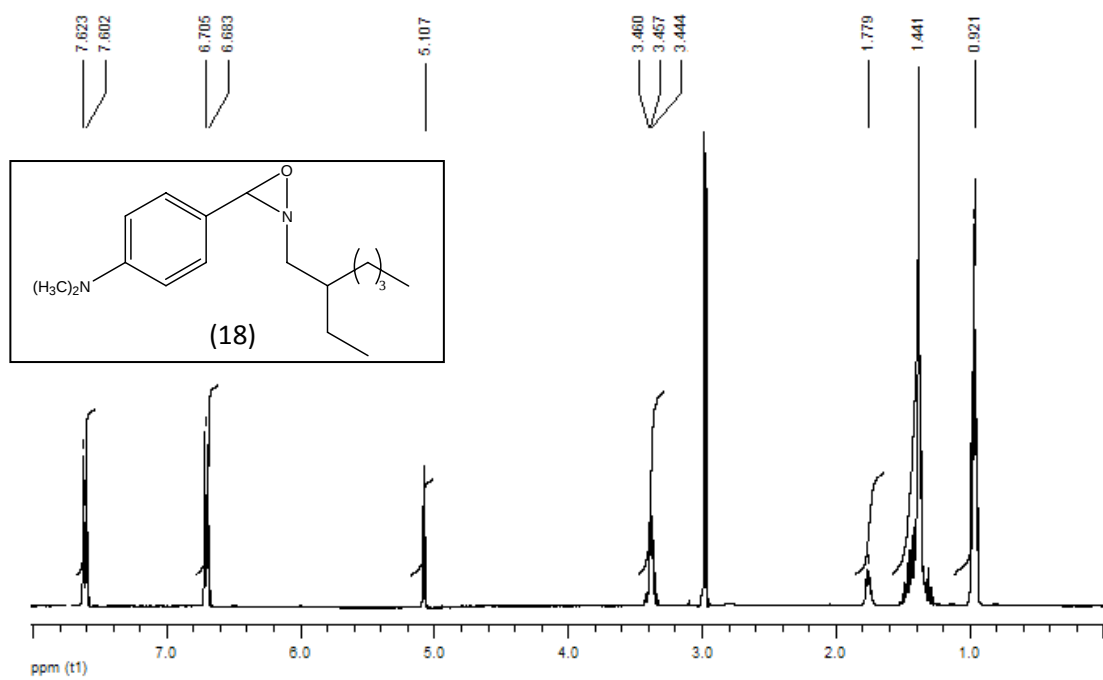


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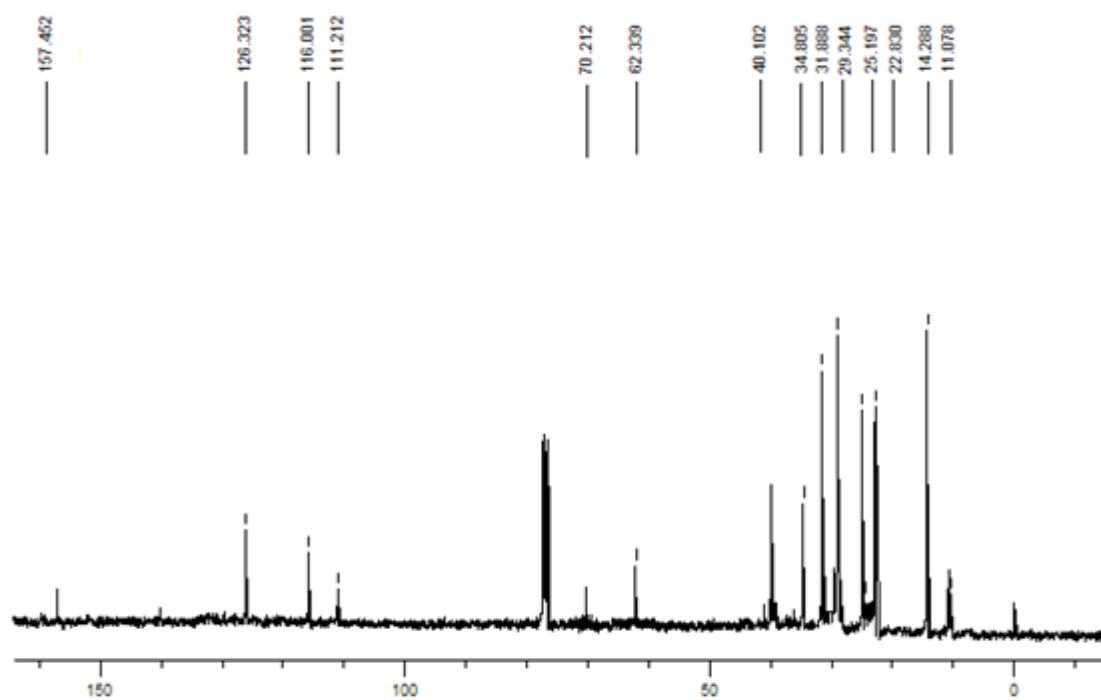




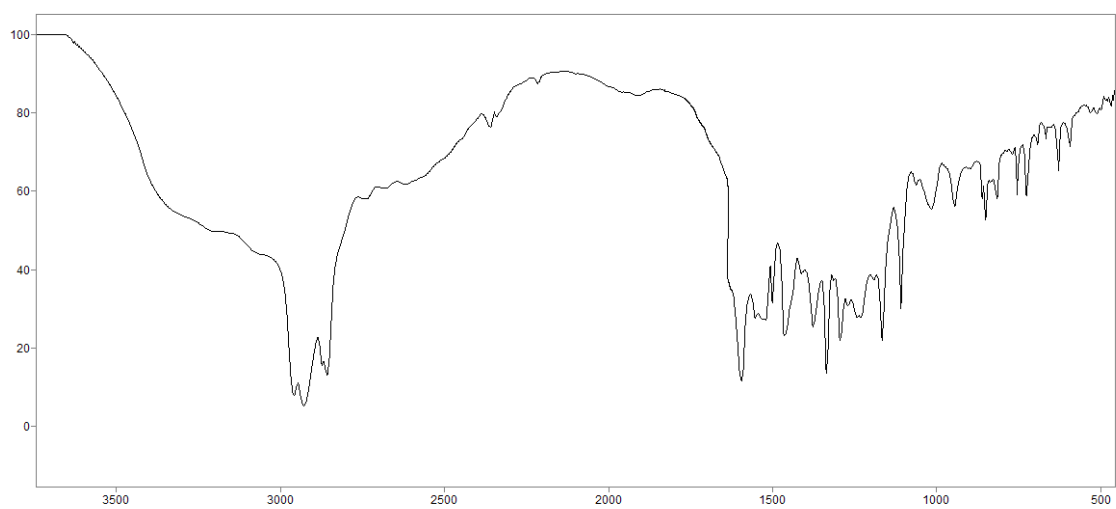
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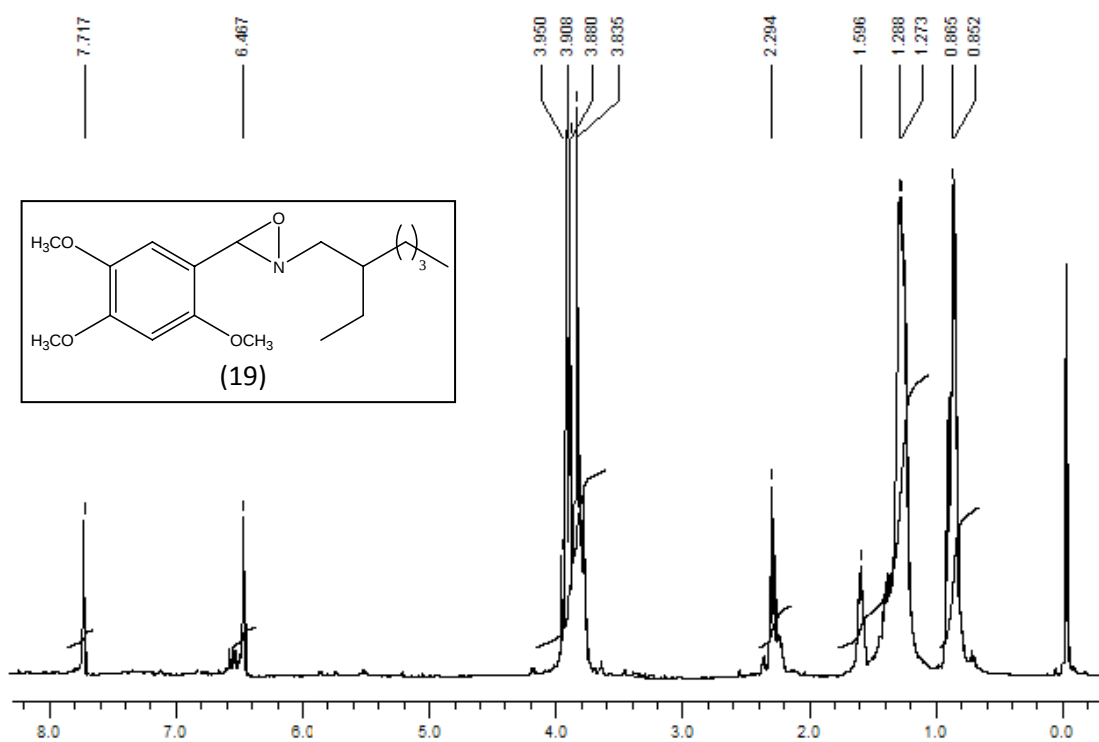
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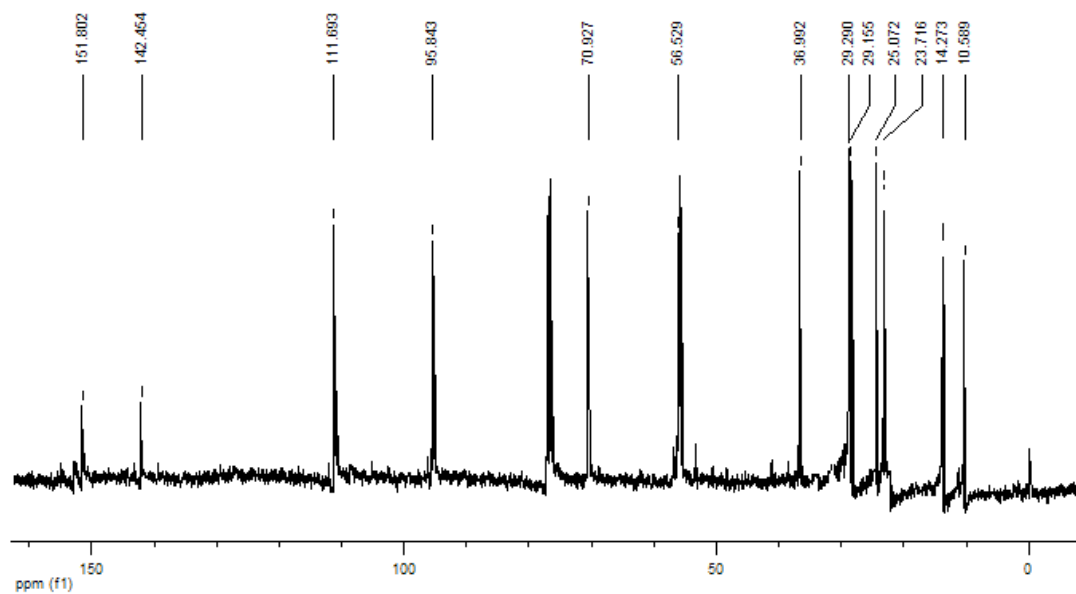
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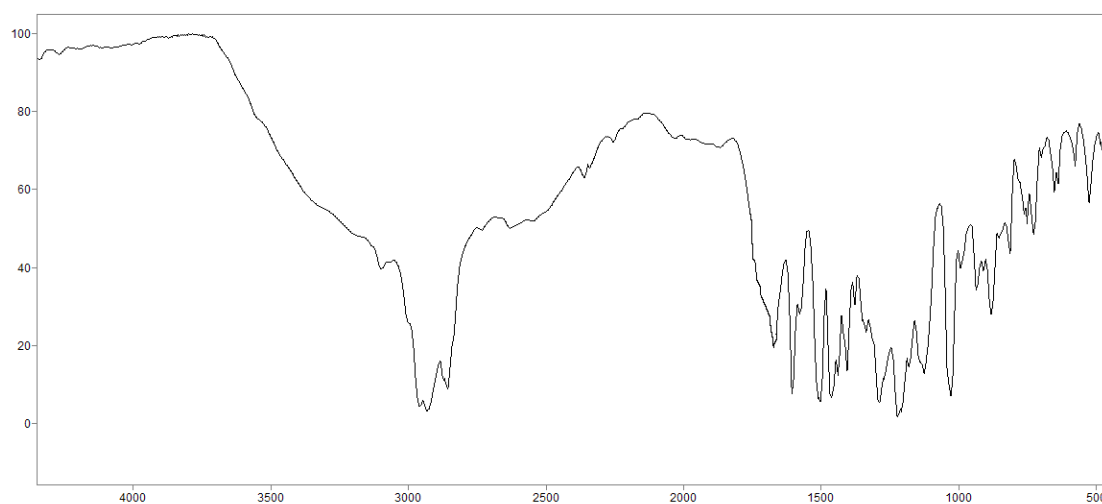
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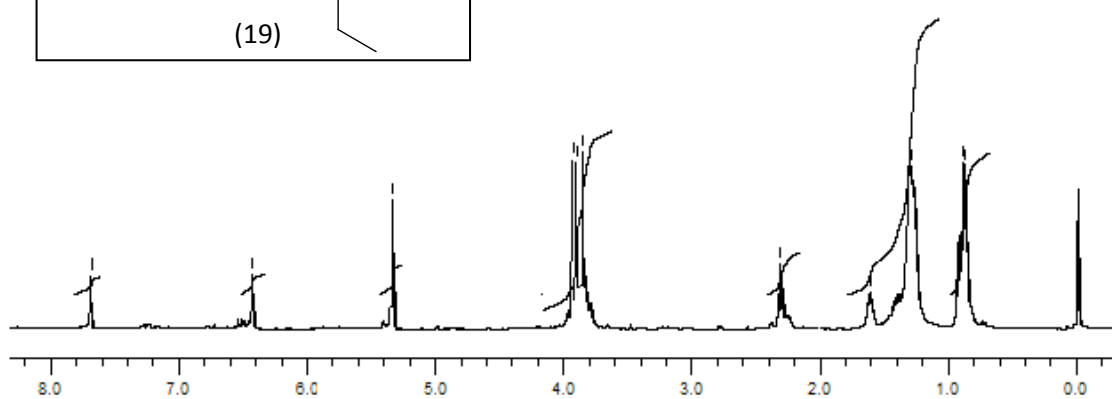
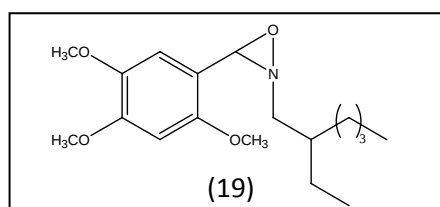
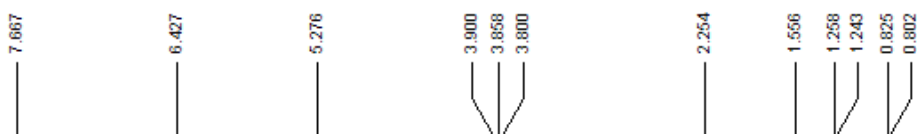
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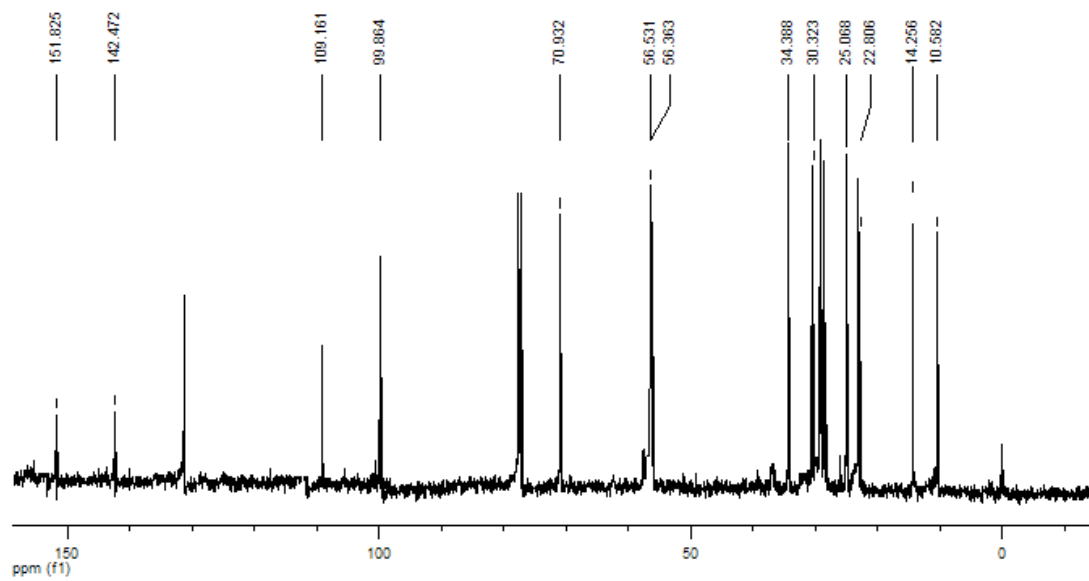
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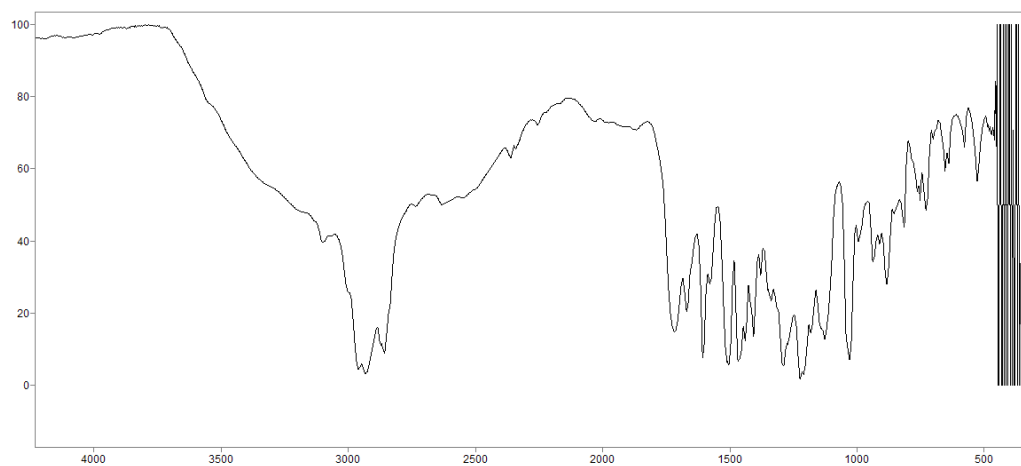
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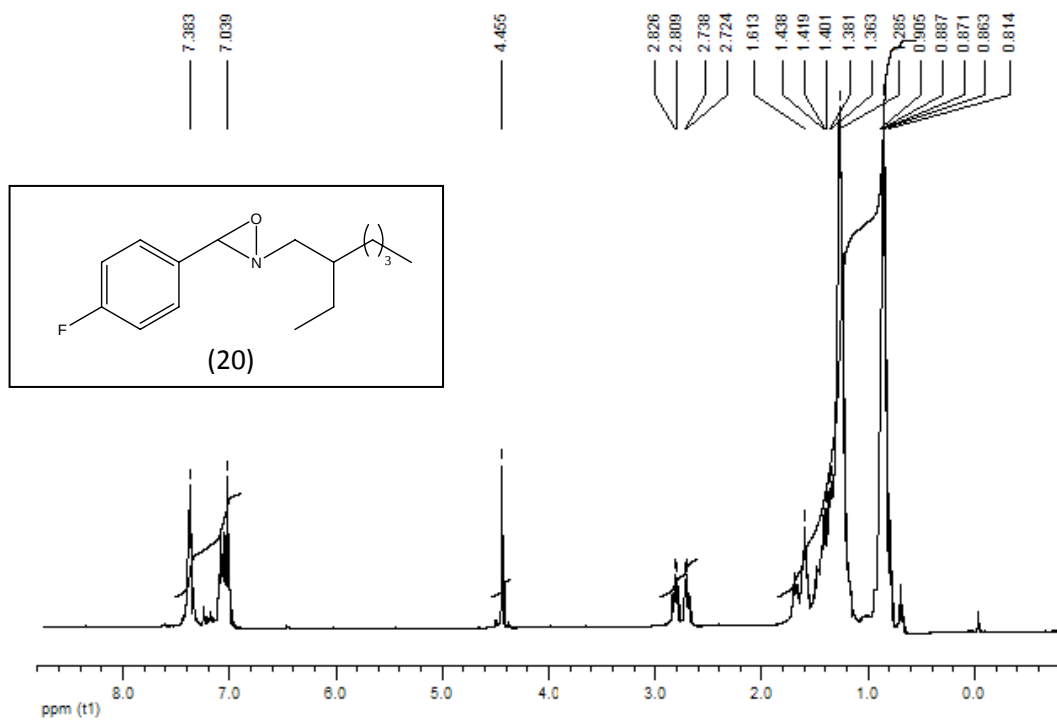
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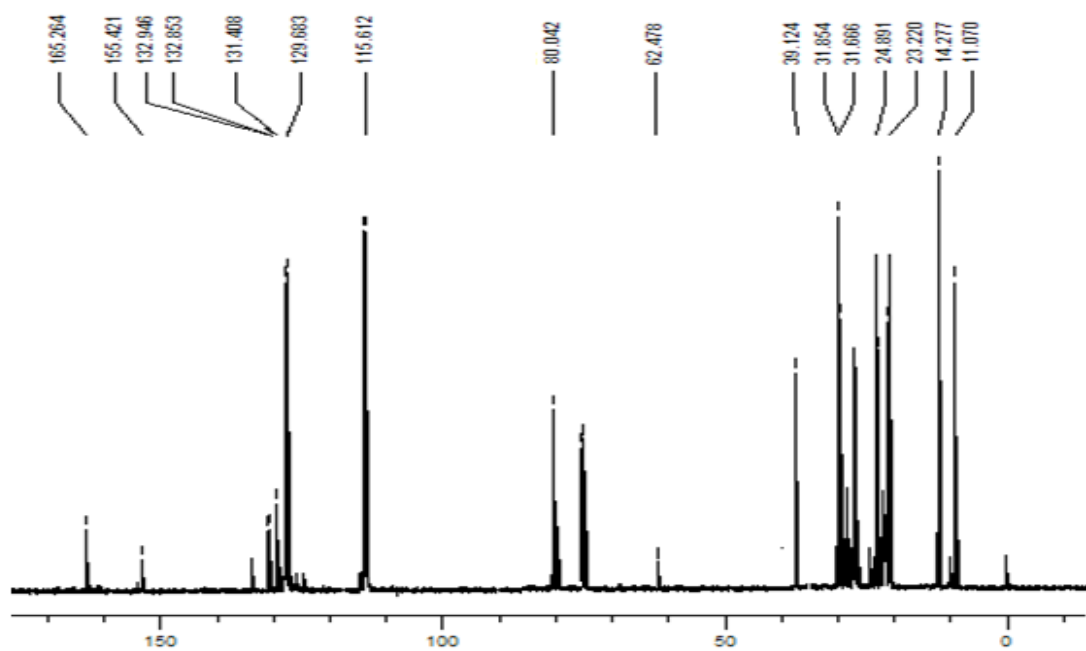
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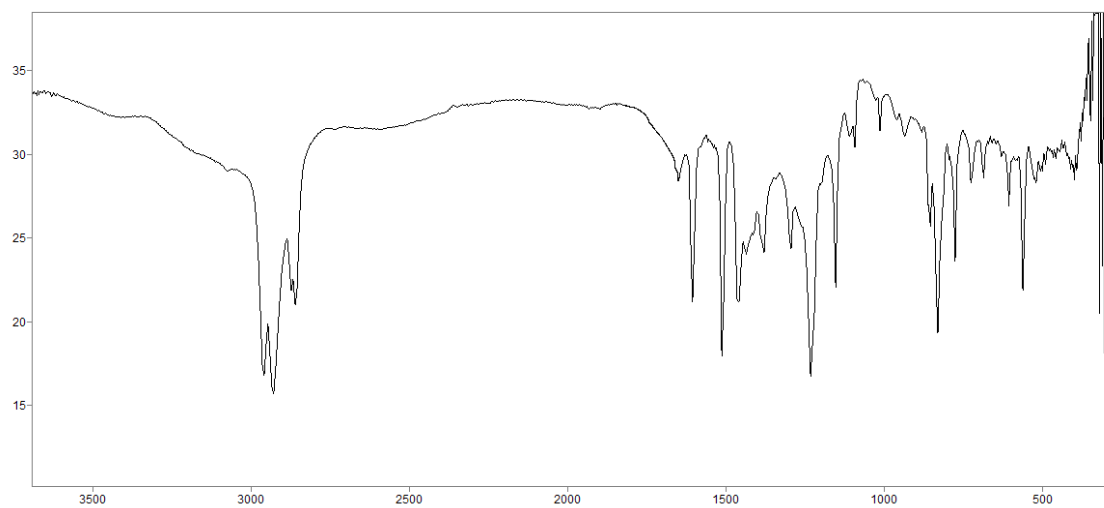
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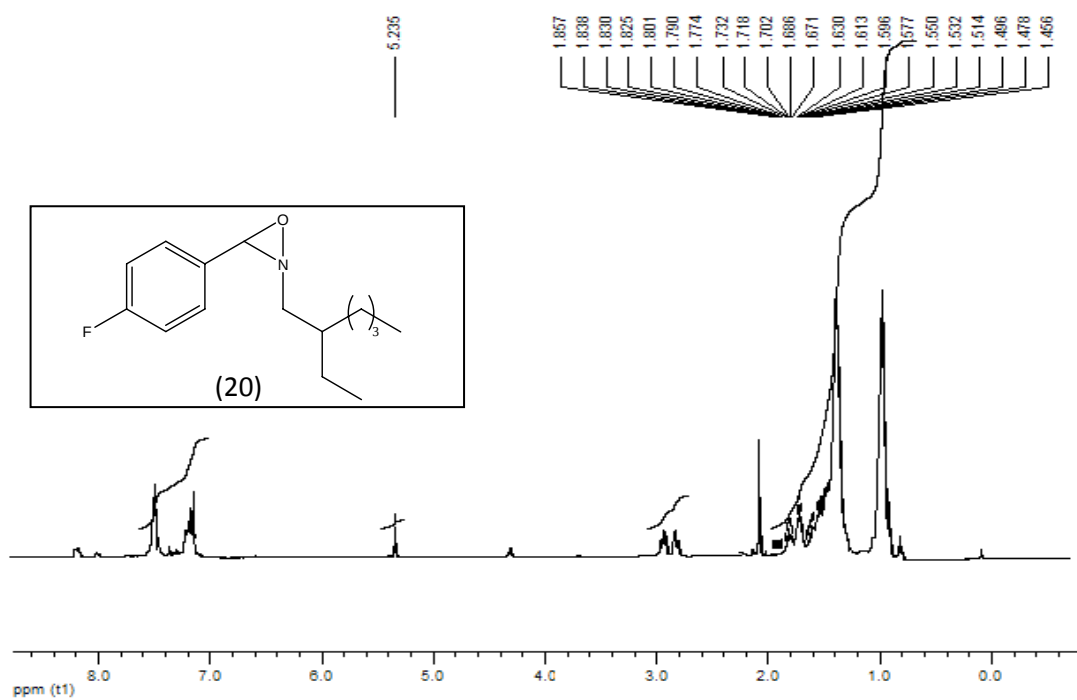
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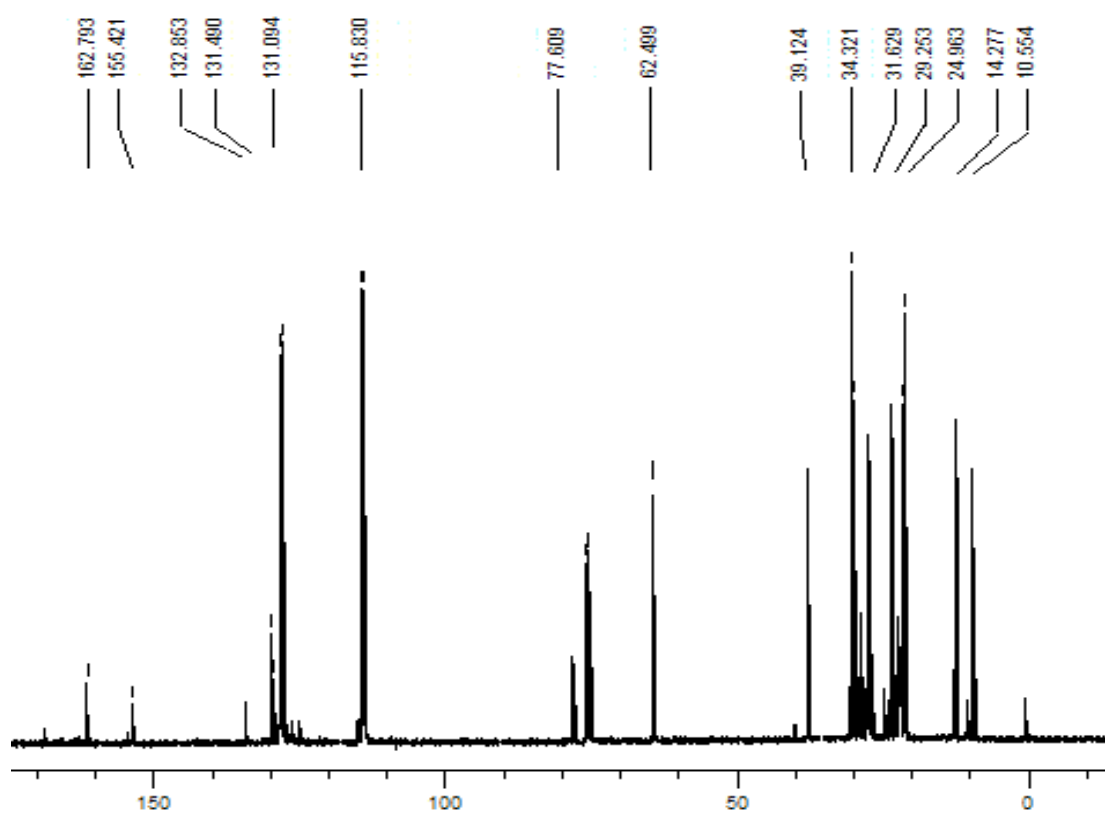
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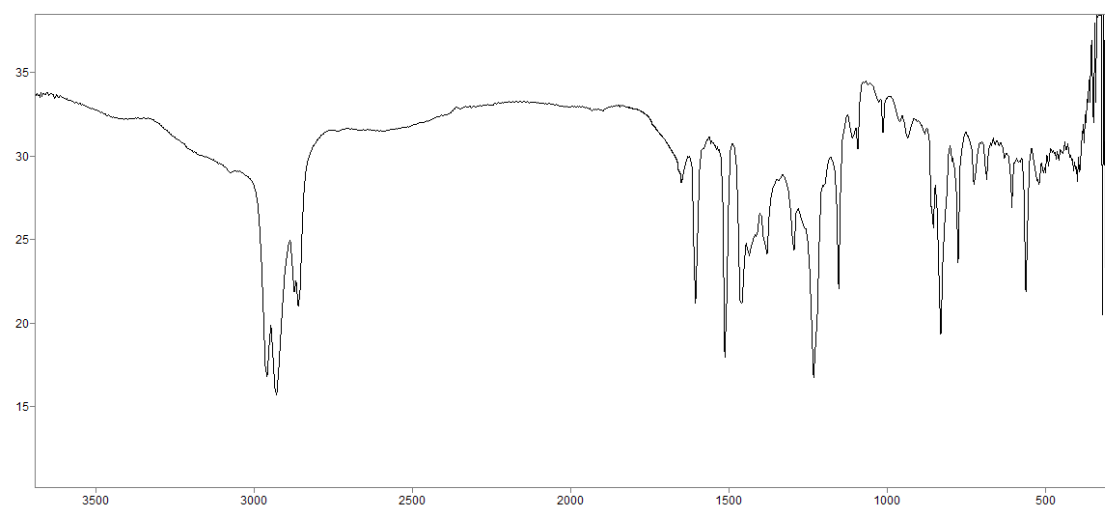
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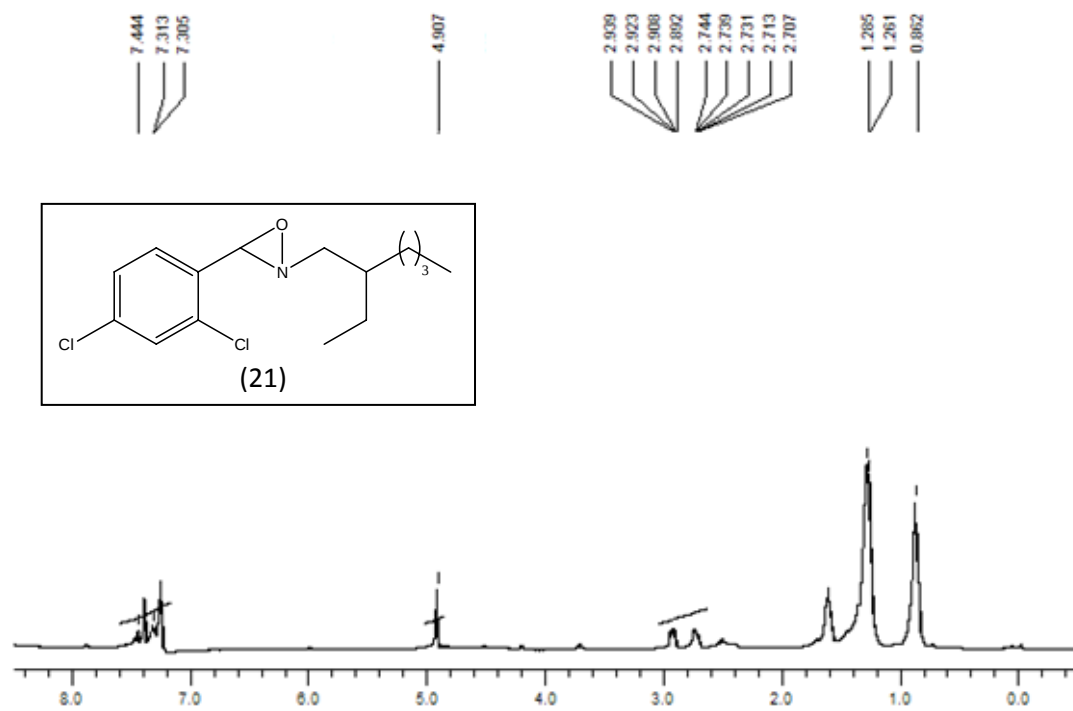
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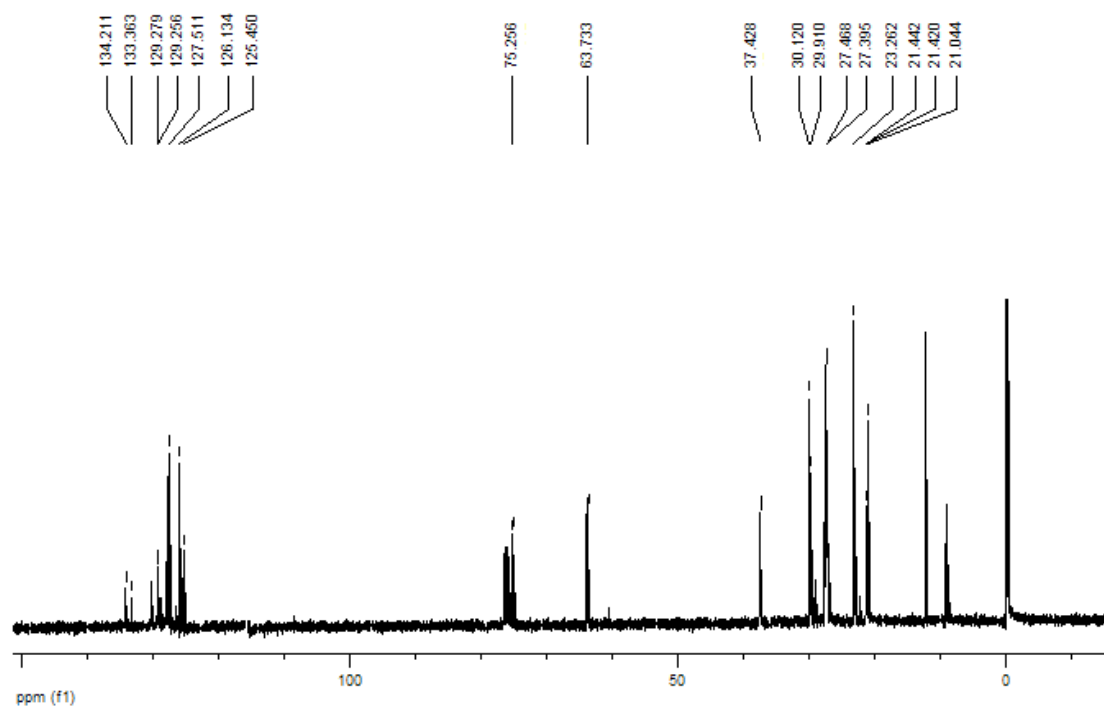
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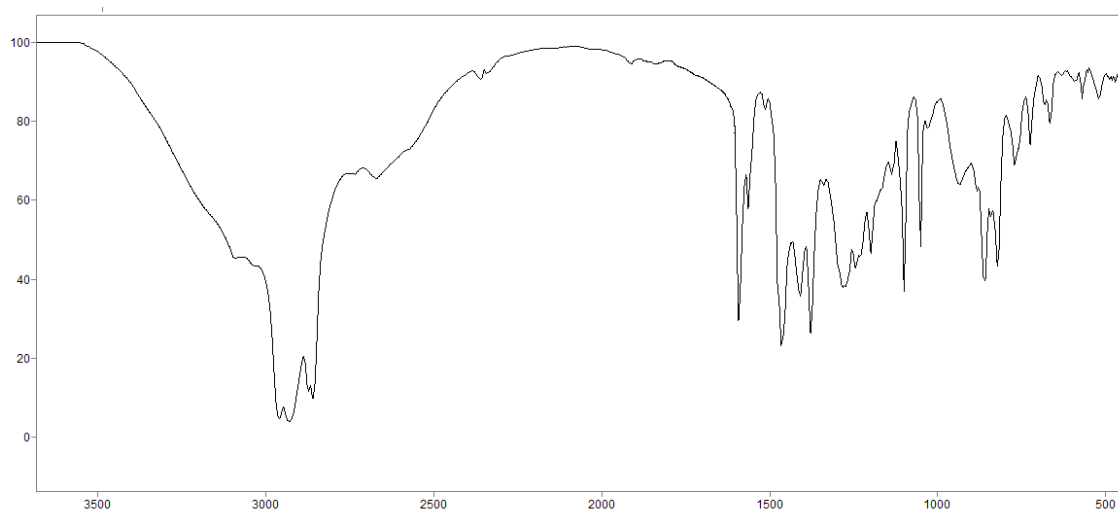
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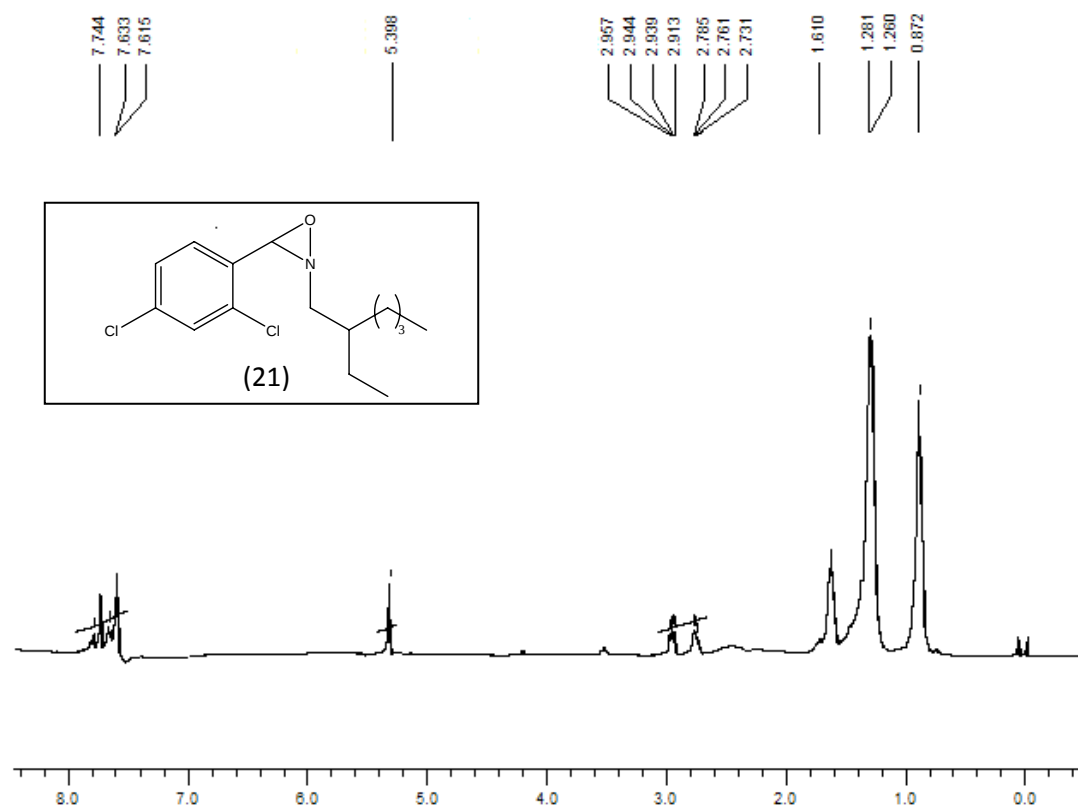
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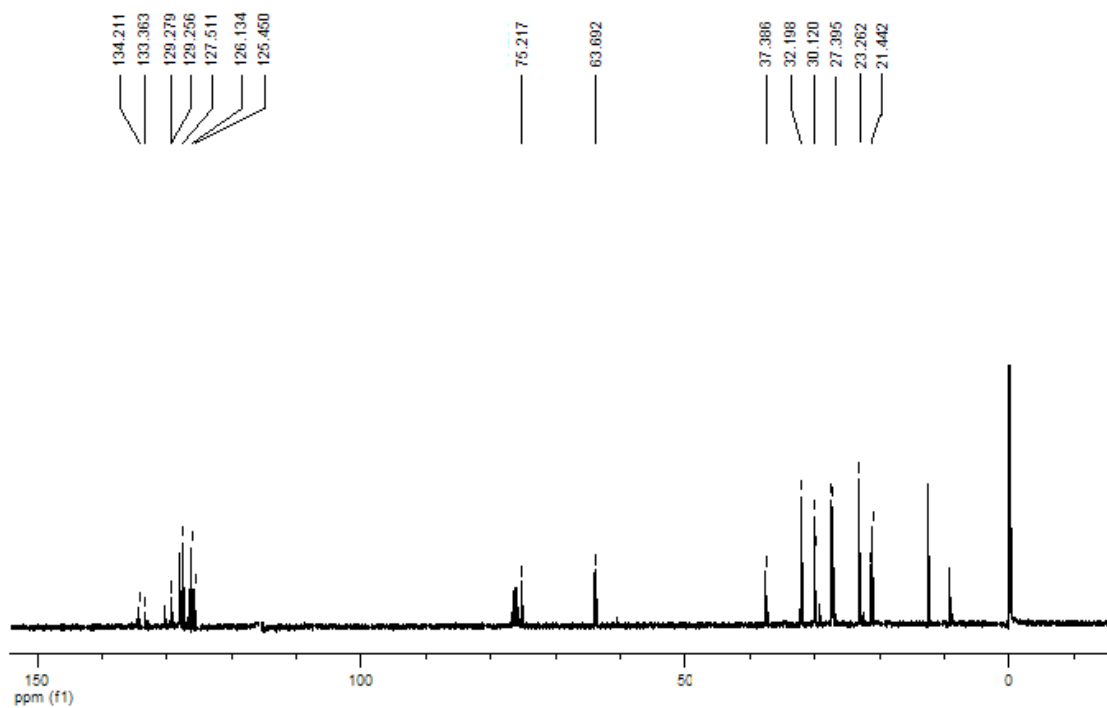
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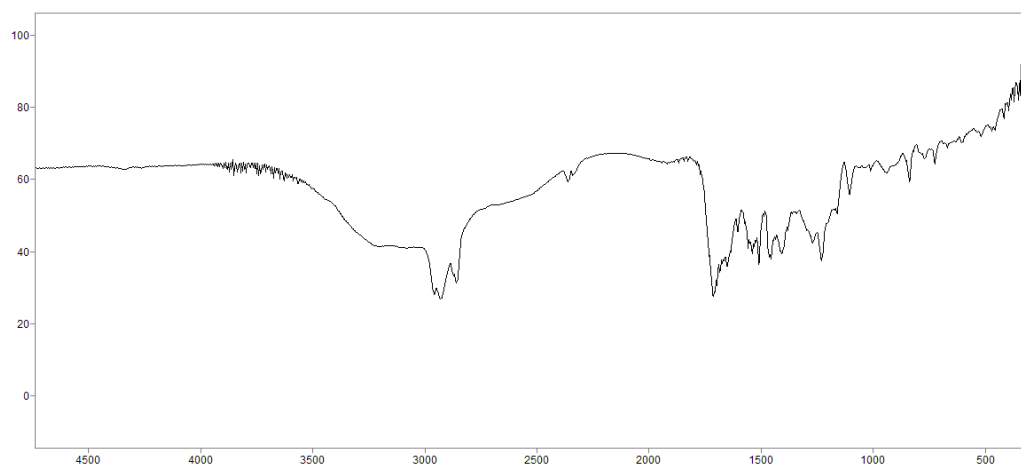
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S-46



S-47



S-48