

New journal of chemistry

SUPPORTING INFORMATION

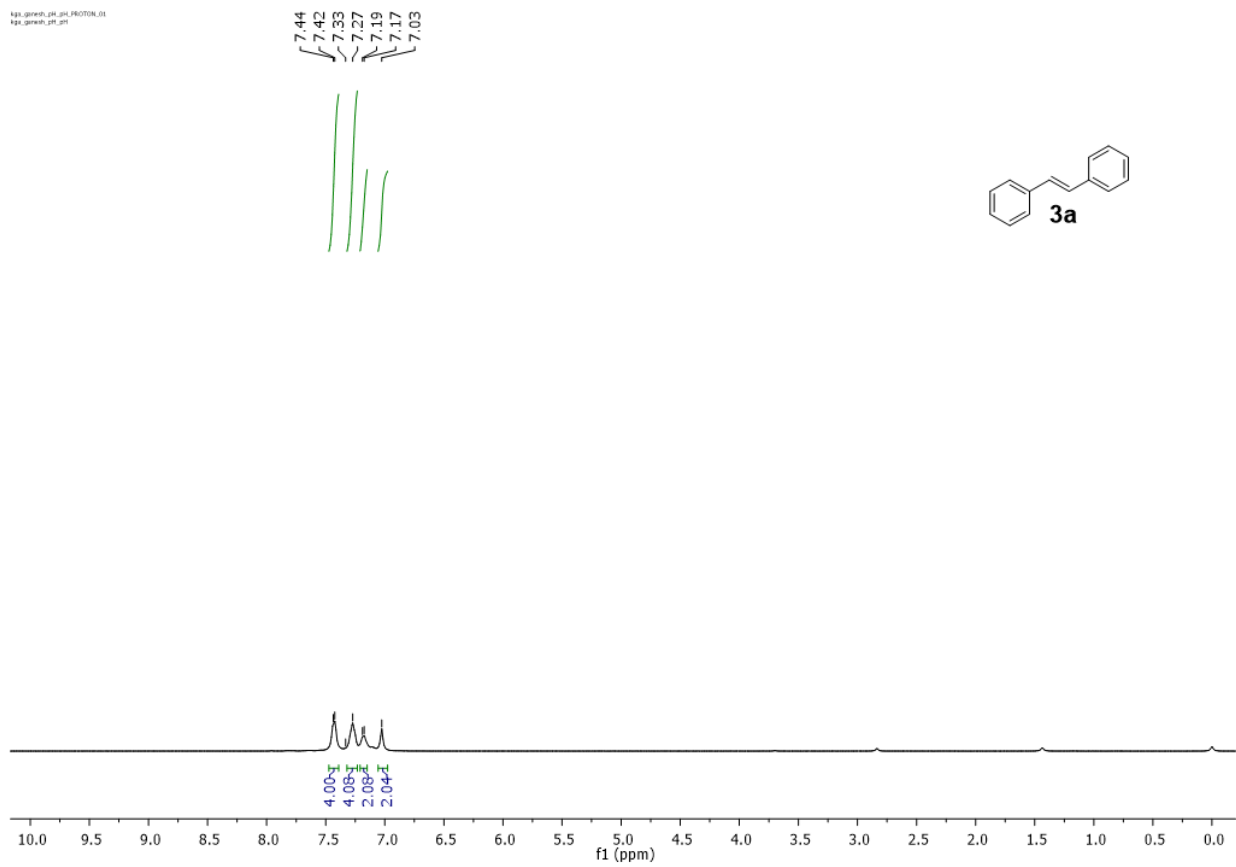
Title: *o*-Iodoxybenzoic acid mediated generation of aryl free radicals: synthesis of stilbenes through C-C cross-coupling with β -nitrostyrenes

Author(s): Ganesh Wagh, Snehalata Autade, Pravin C. Patil and Krishnacharya G. Akamanchi*

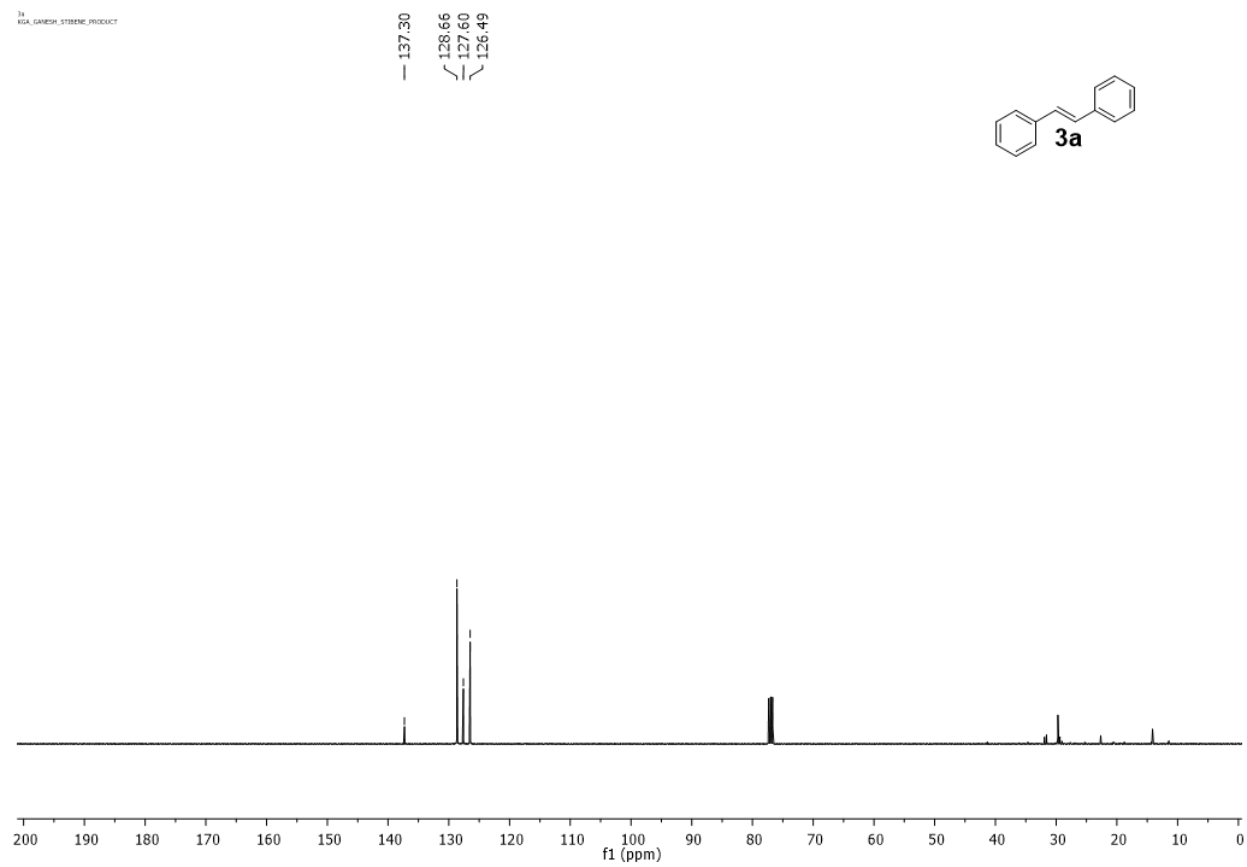
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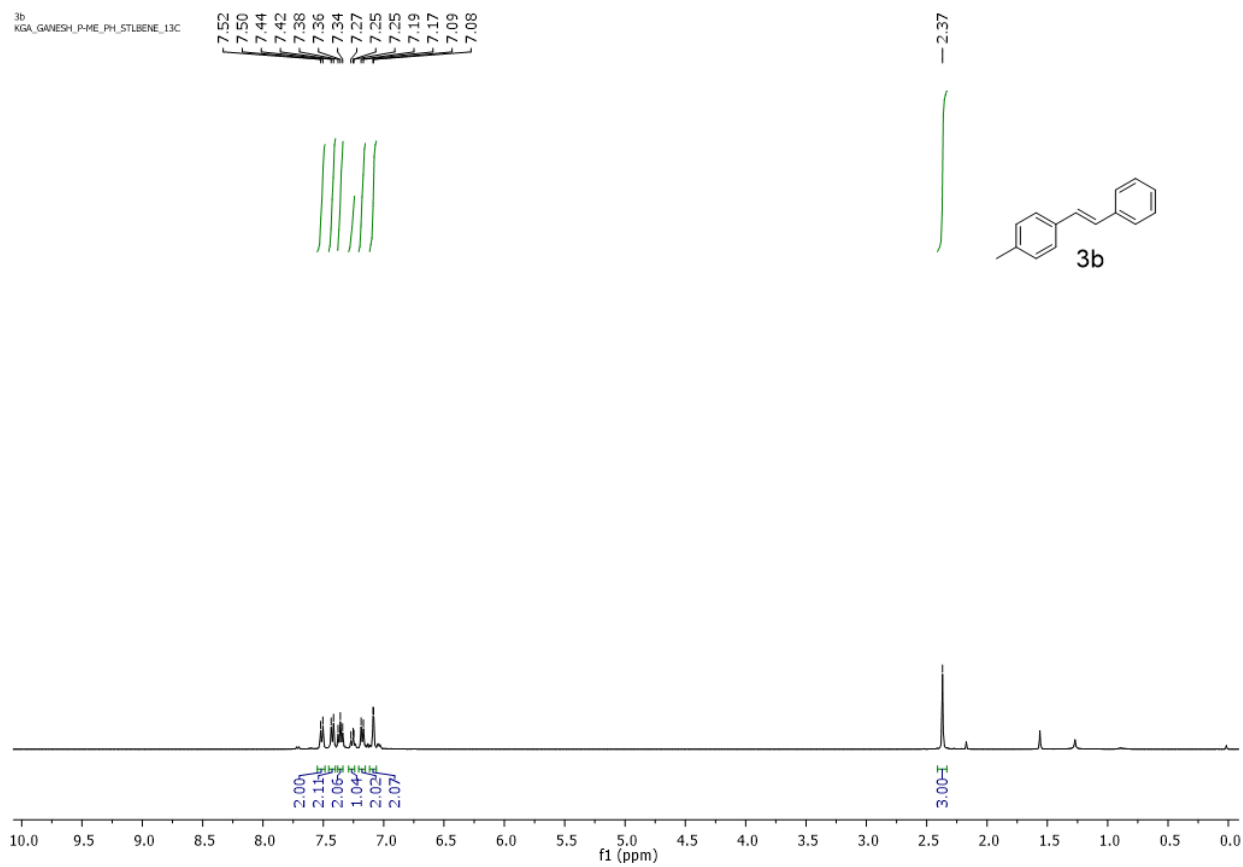
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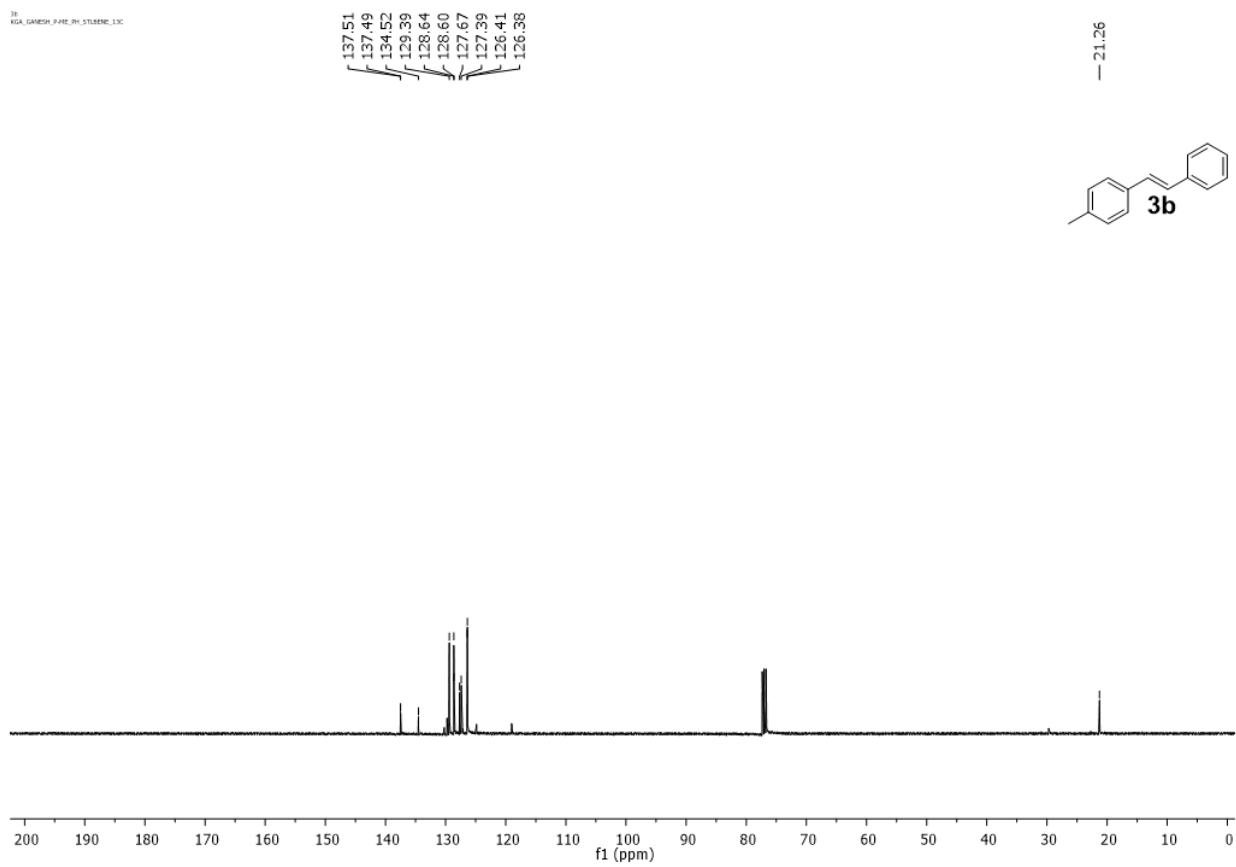
¹H spectrum 3a



¹³C spectrum of 3a

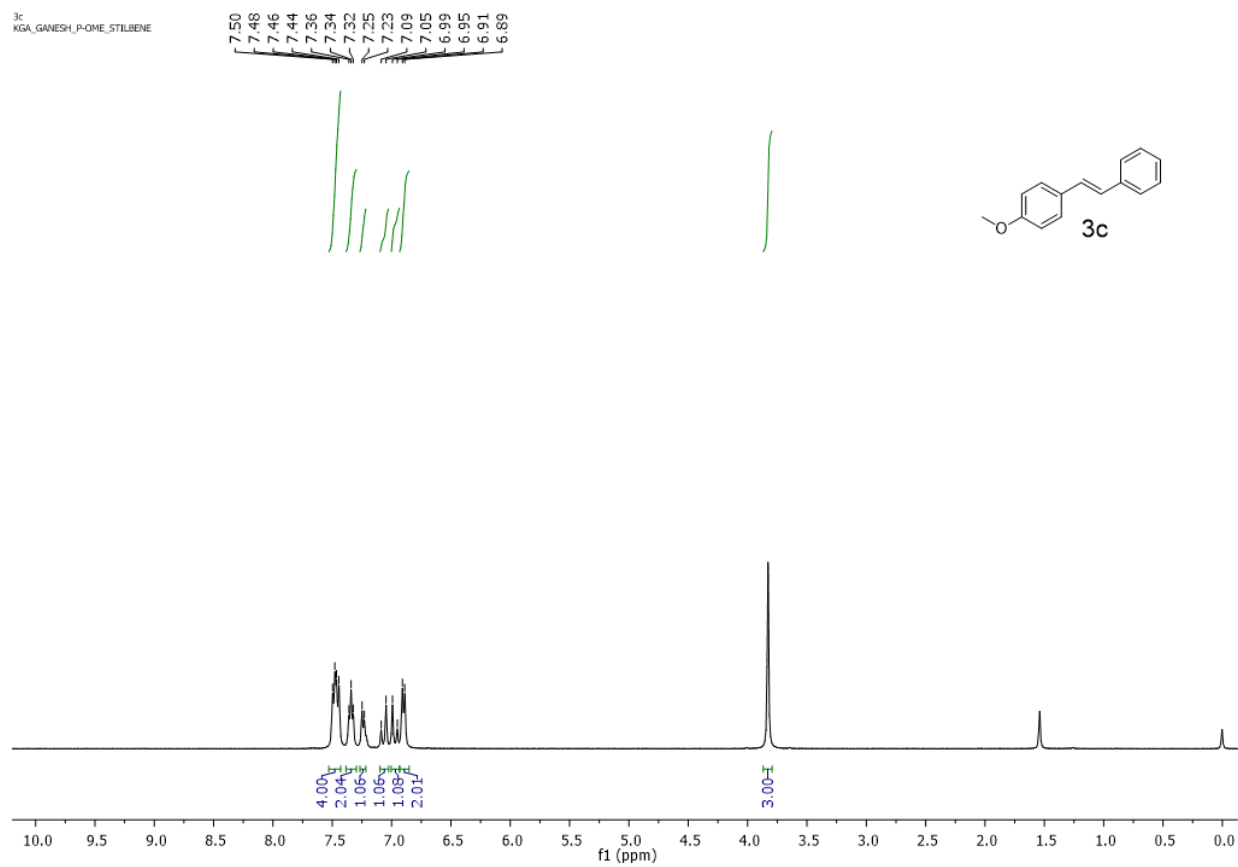


^1H spectrum of 3b

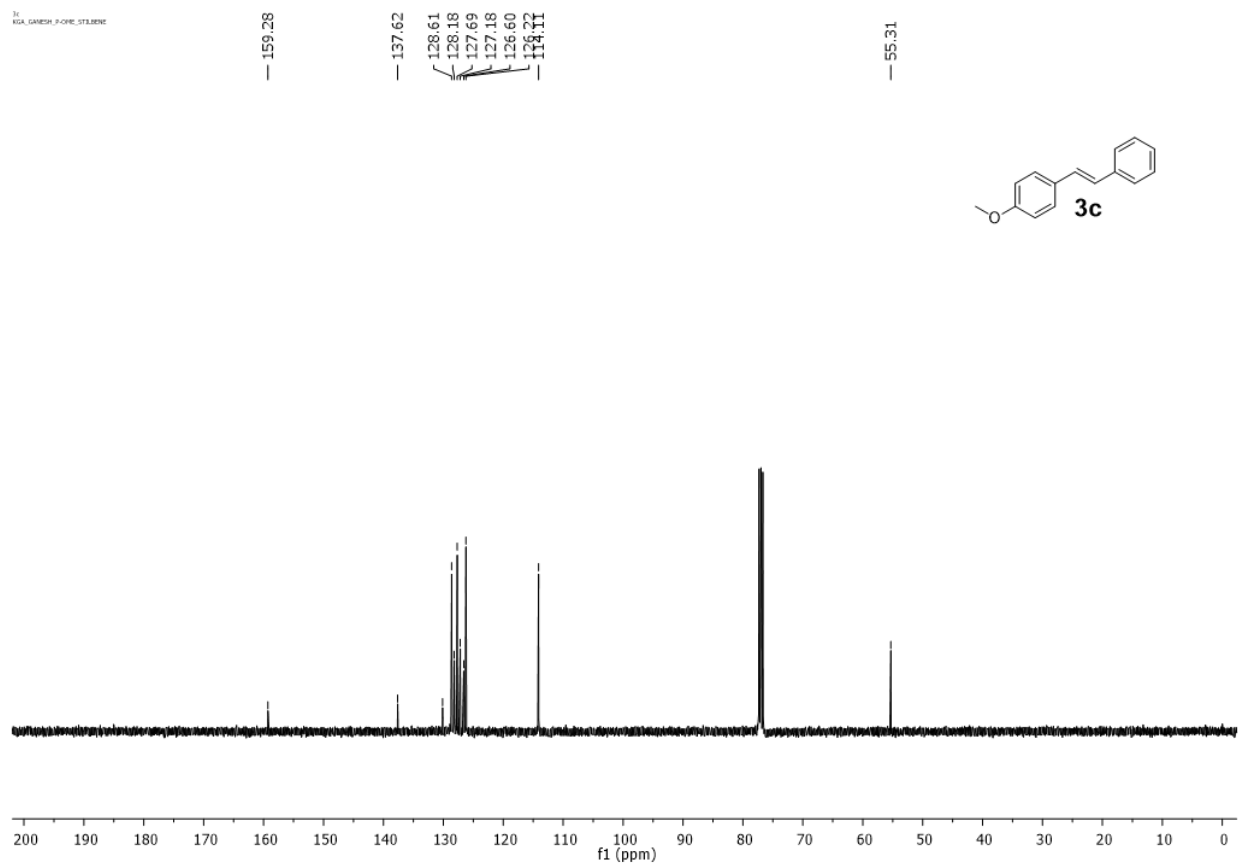


¹³ C spectrum of **3b**

3c
KGA_GANESH_P-OME_STILBENE

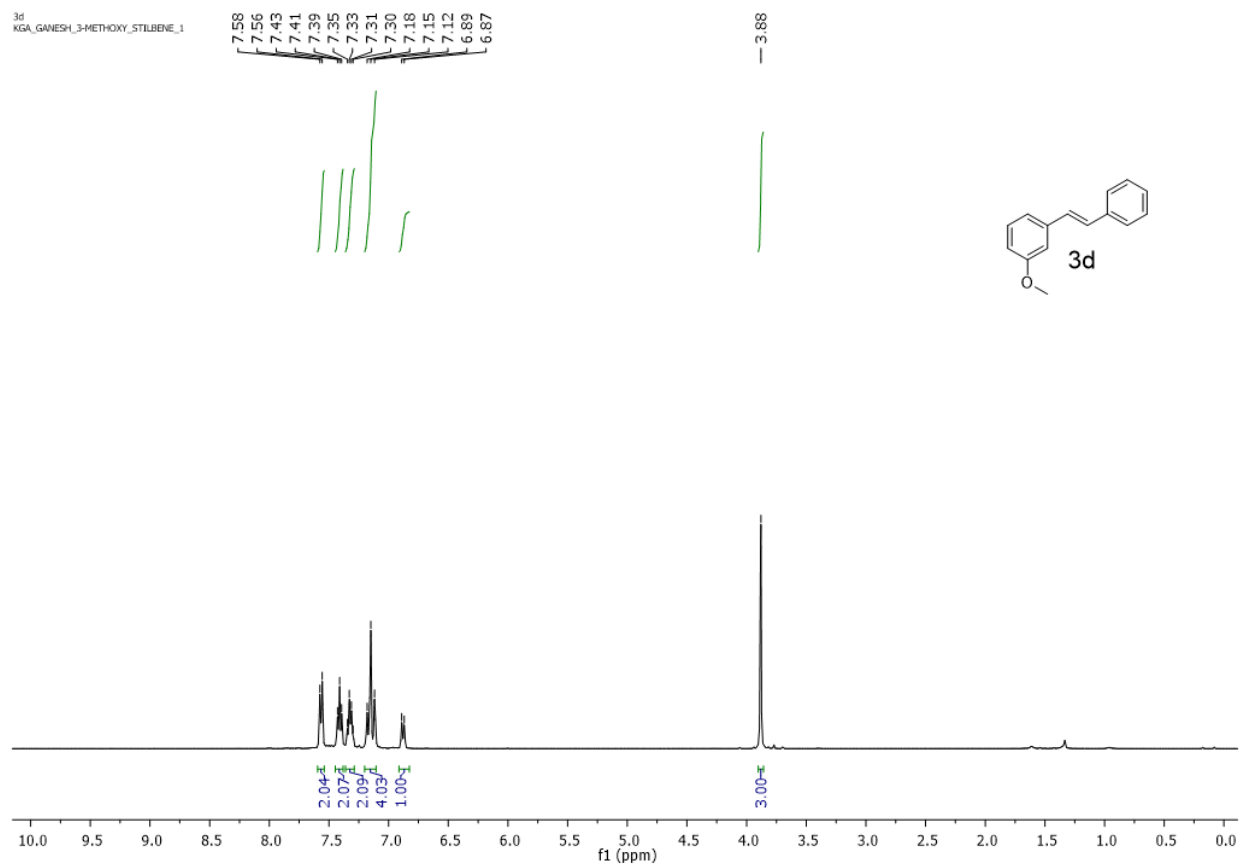


¹H spectrum of 3c

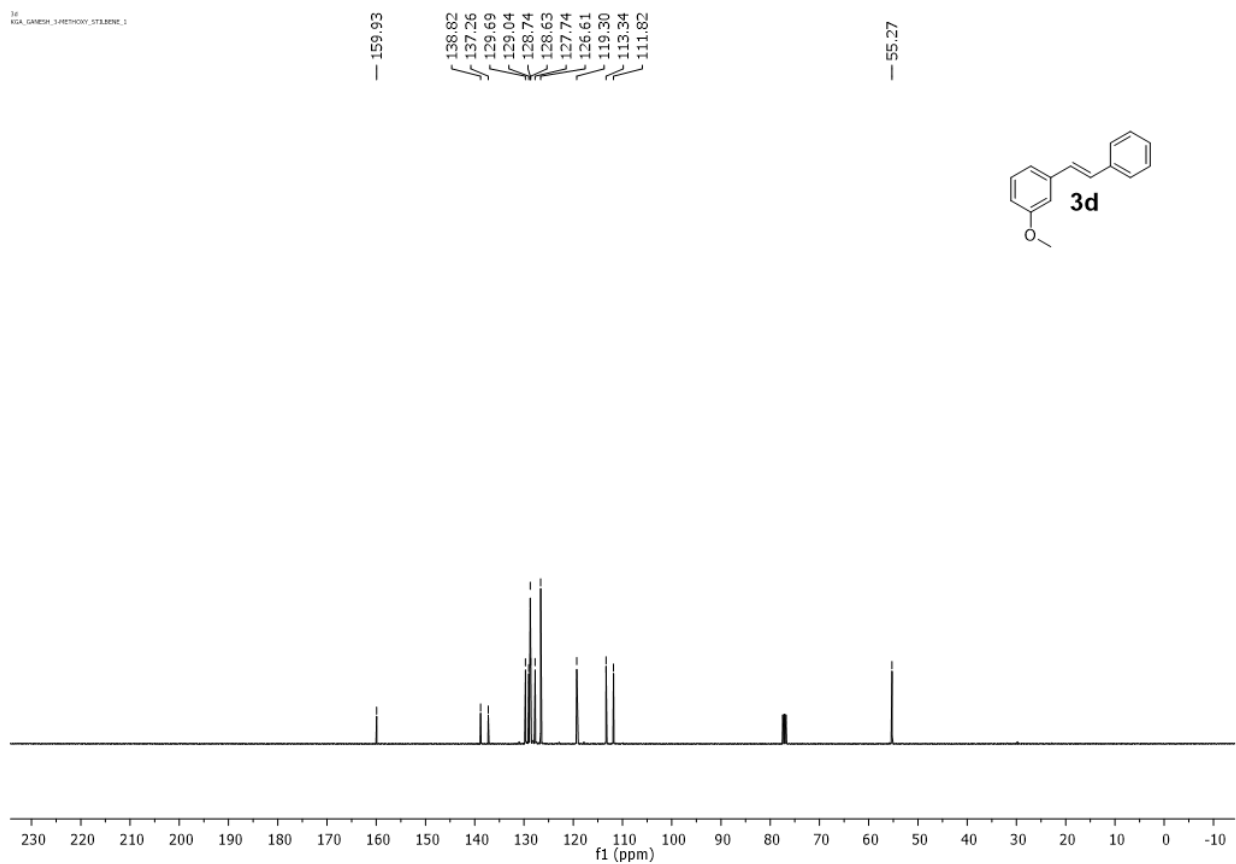


^{13}C spectrum of 3c.

3d
KGA_GANESH_3-METHOXY_STILBENE_1

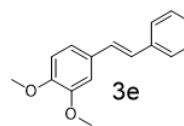
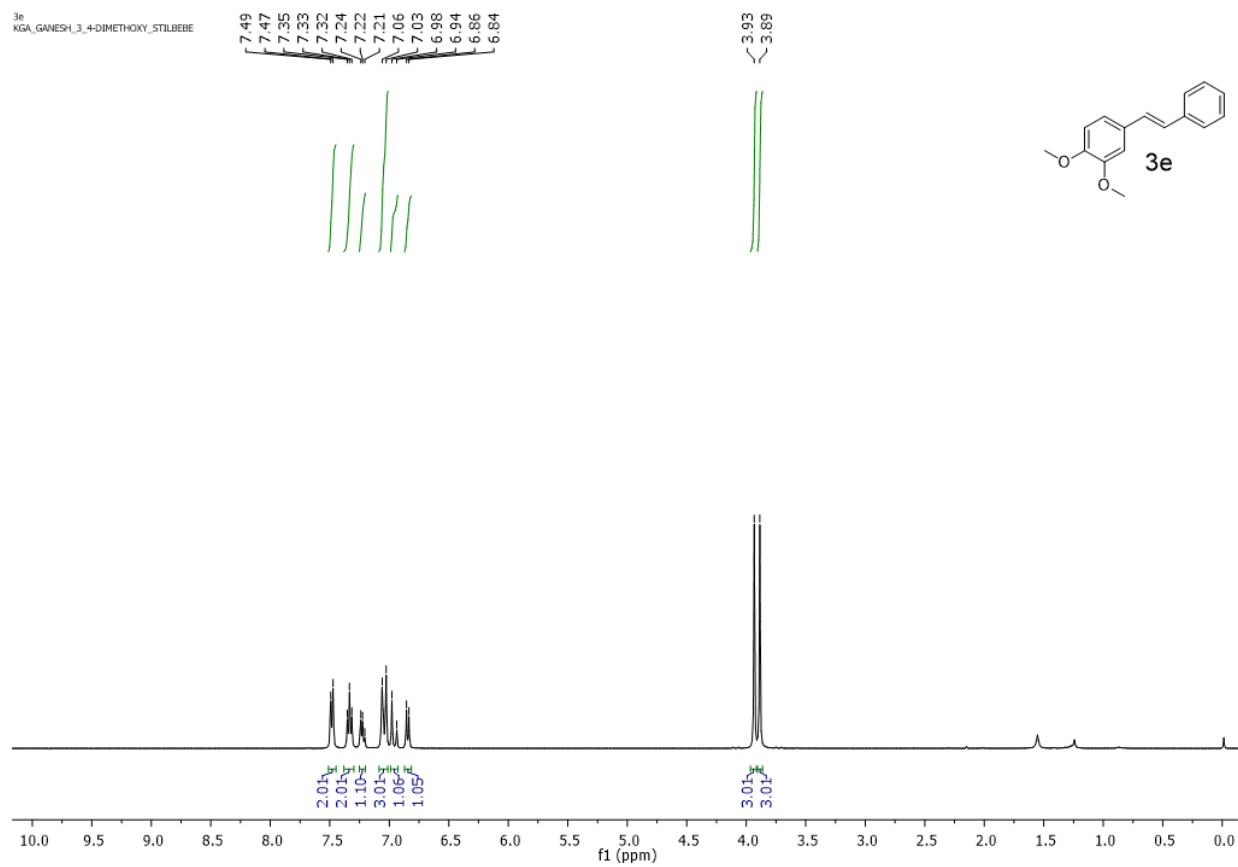


¹H spectrum of 3d

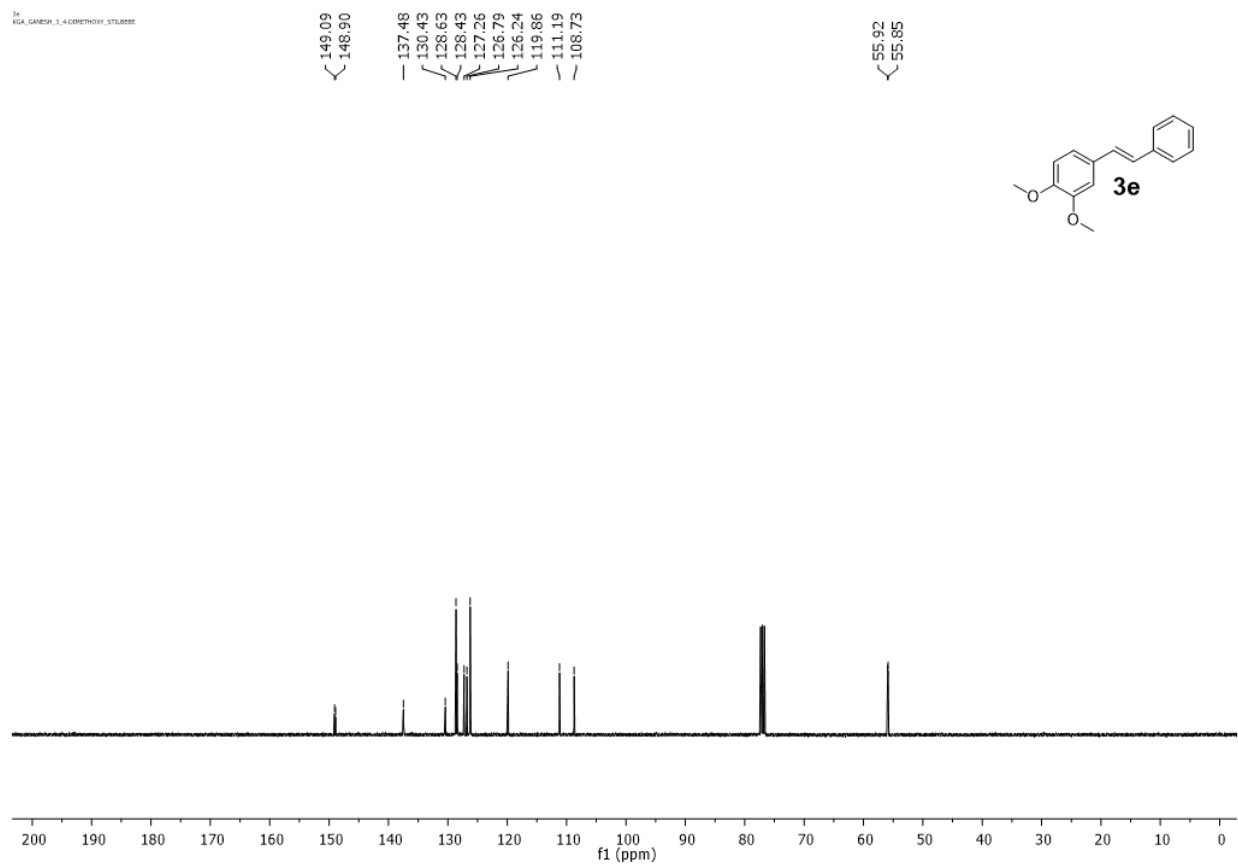


¹³C spectrum of **3d**

3e
KGA_GANESH_3_4-DIMETHOXY_STILBENE



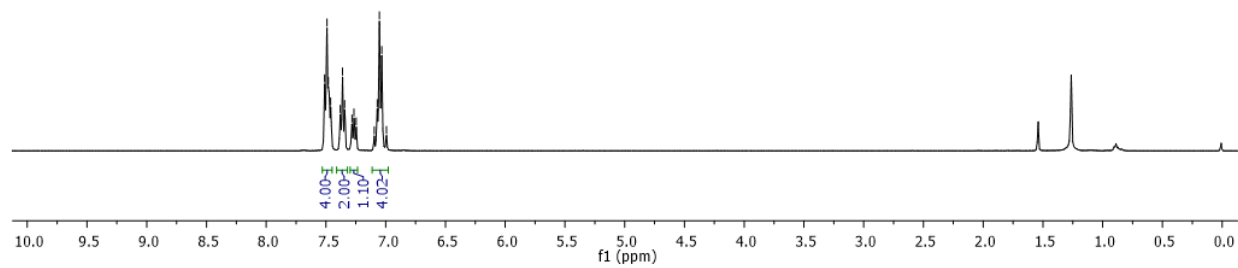
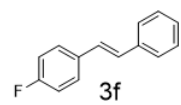
¹H spectrum of 3e



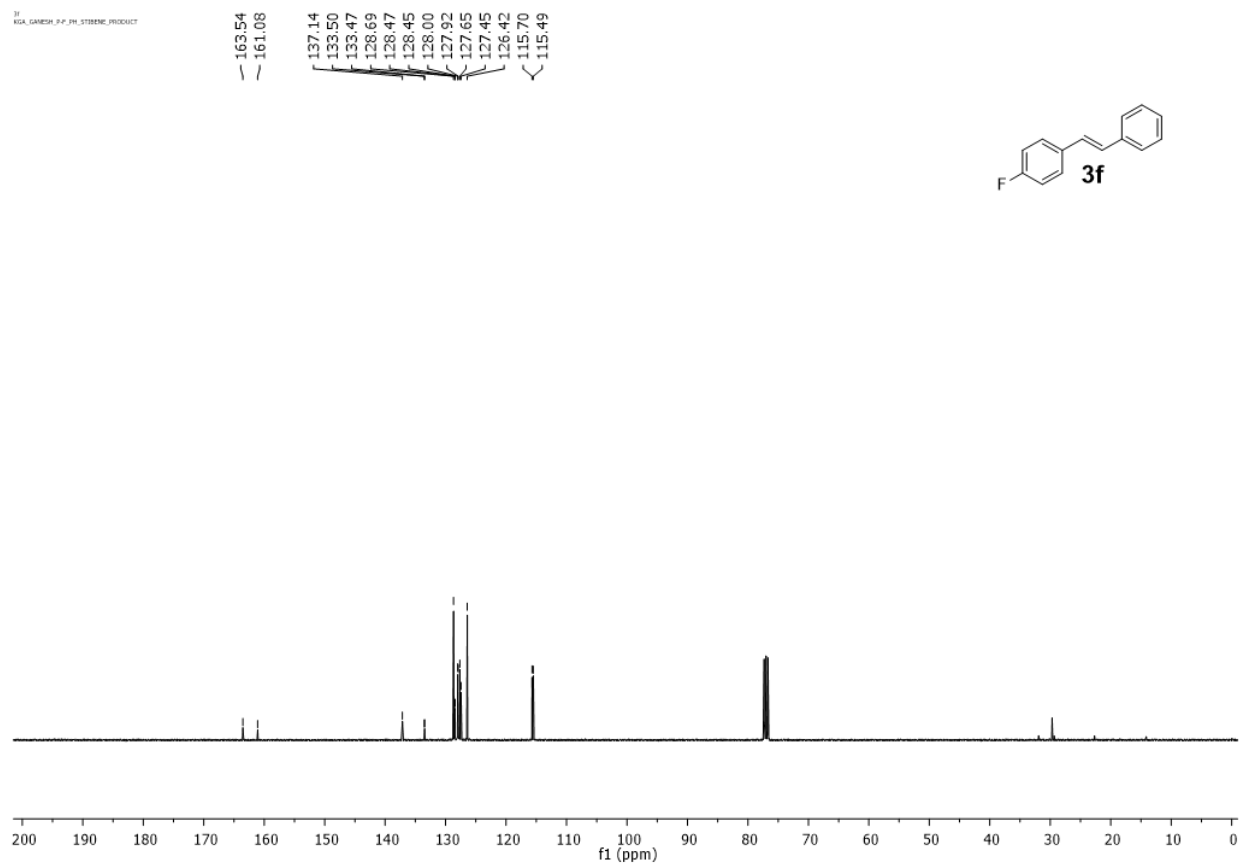
¹³C spectrum of **3e**

3f
KGA_GANESH_P-F_PH_STIBENE_PRODUCT

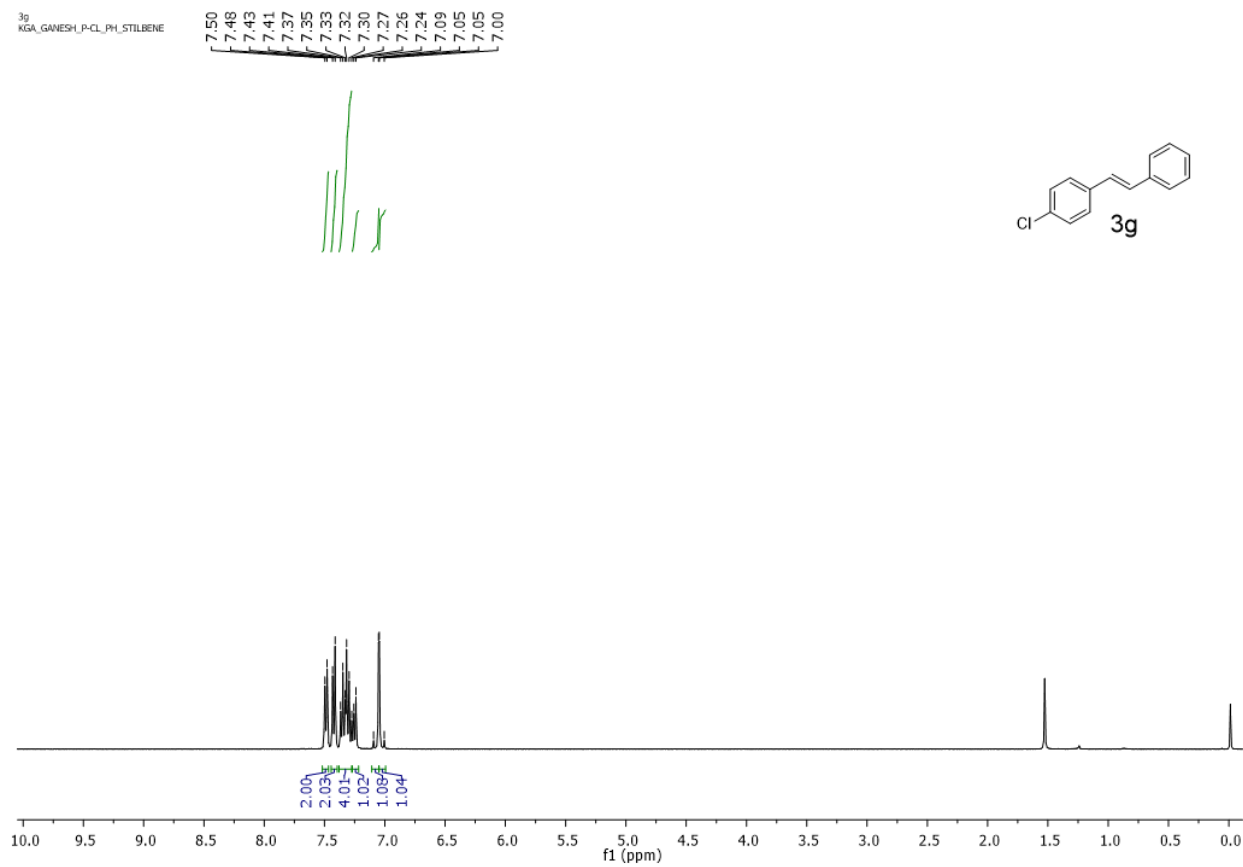
7.51
7.49
7.48
7.46
7.38
7.36
7.34
7.28
7.27
7.25
7.10
7.07
7.05
7.03
6.99



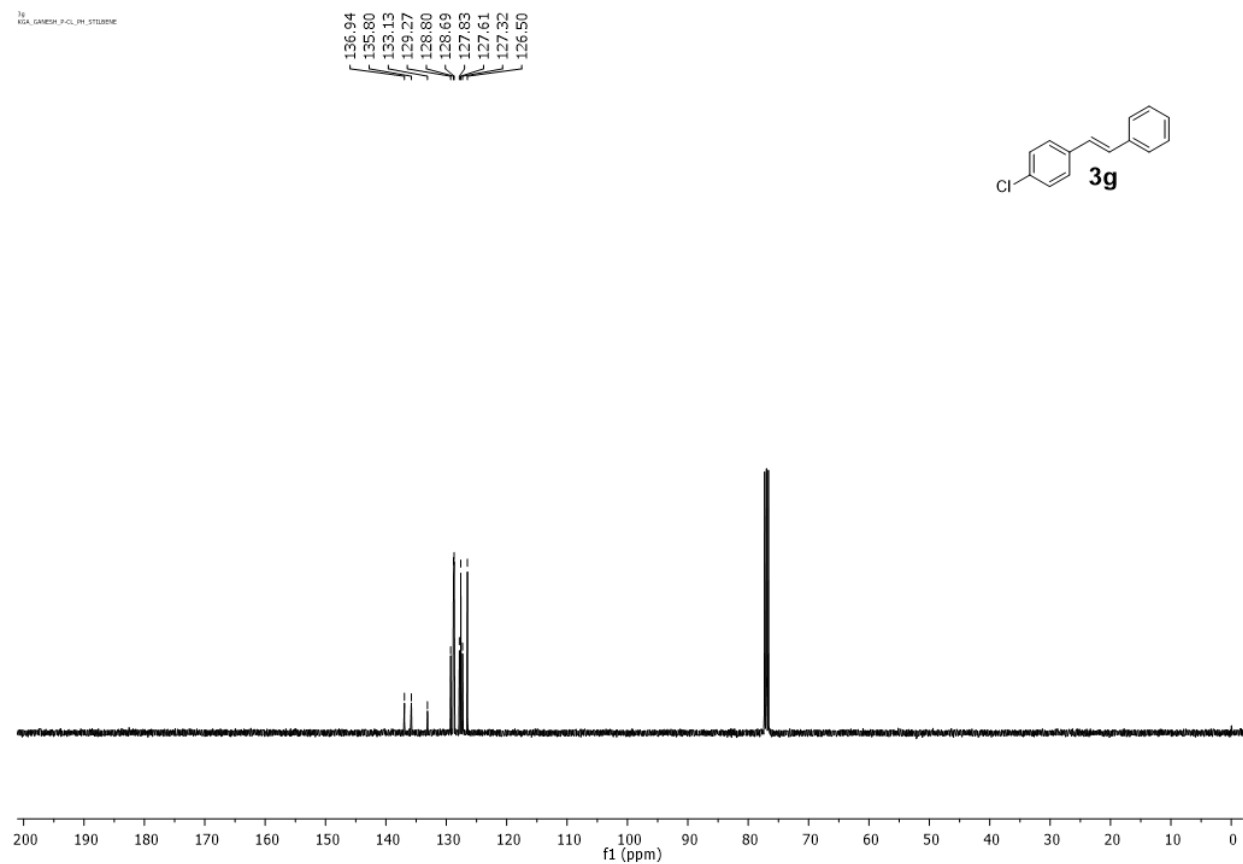
^1H spectrum of 3f



¹³C spectrum of 3f

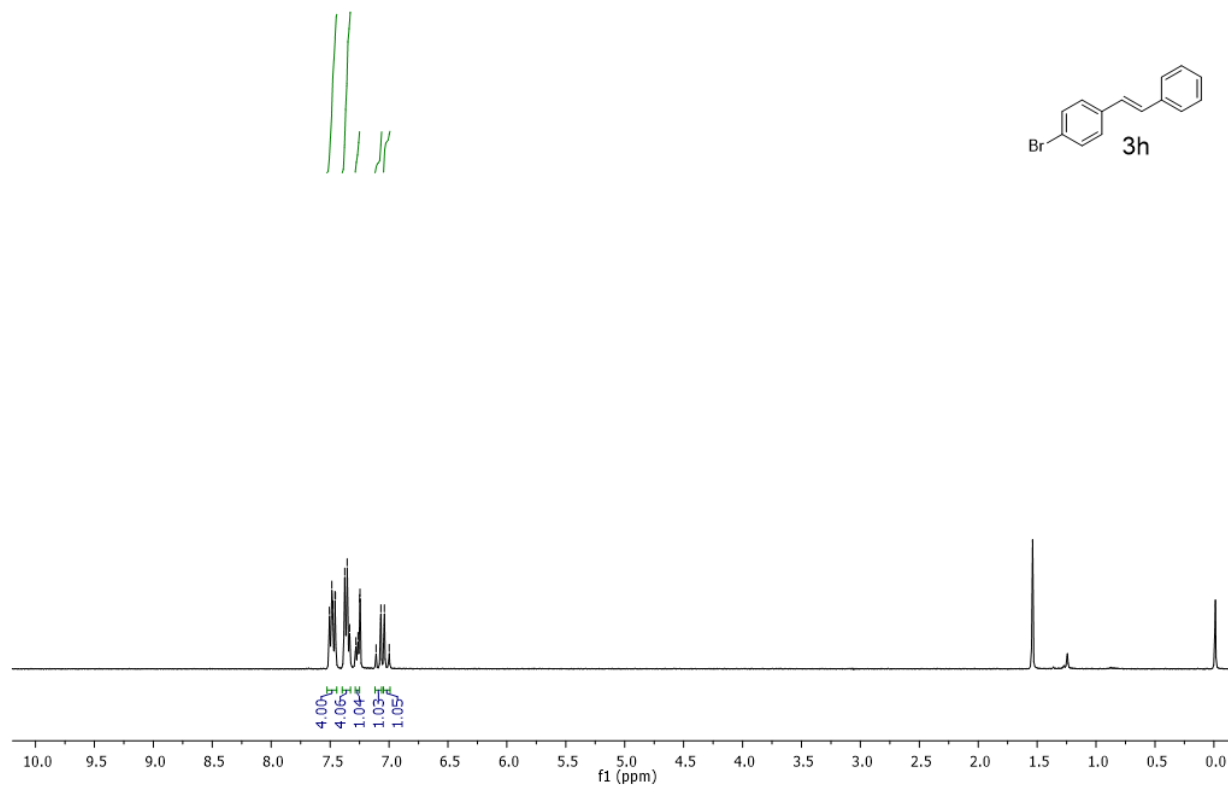
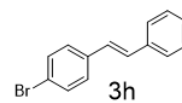


¹H spectrum of 3g

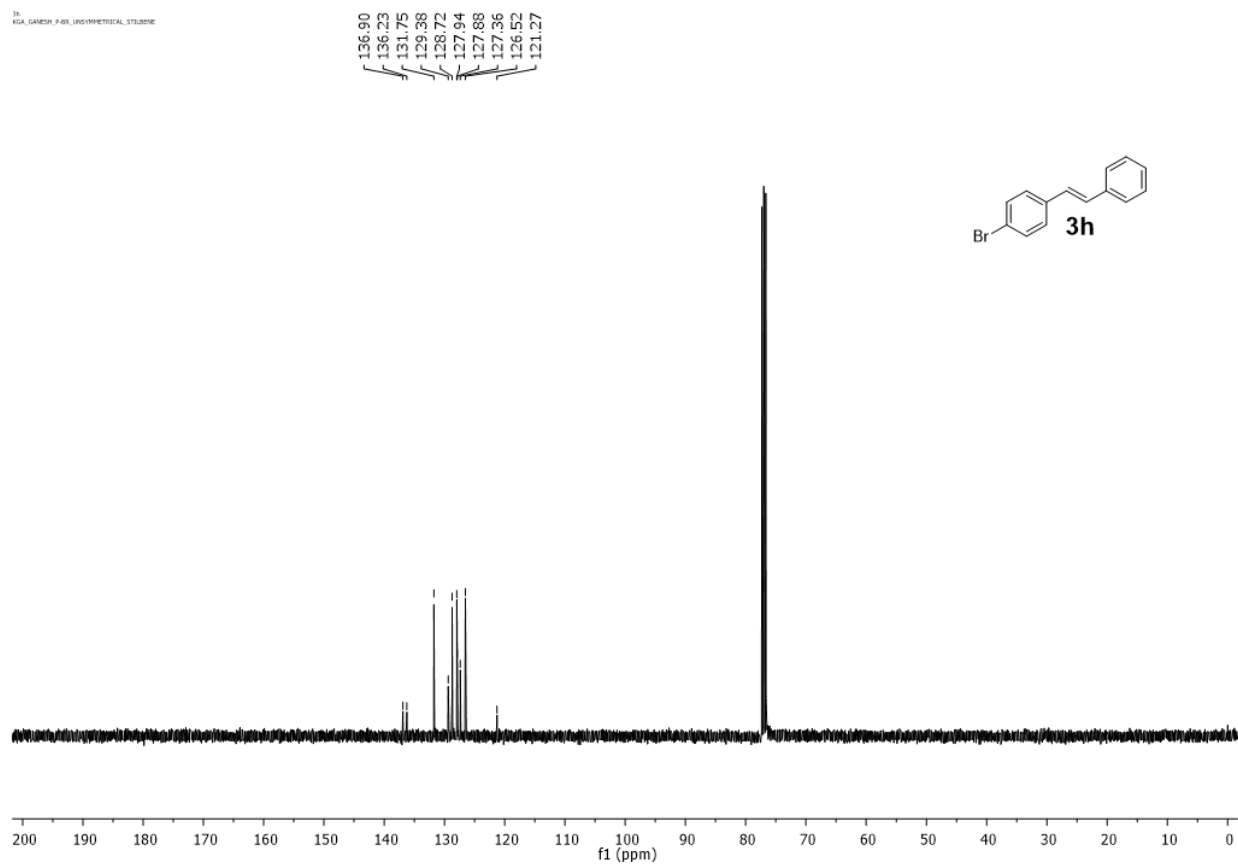


¹³C spectrum of **3g**

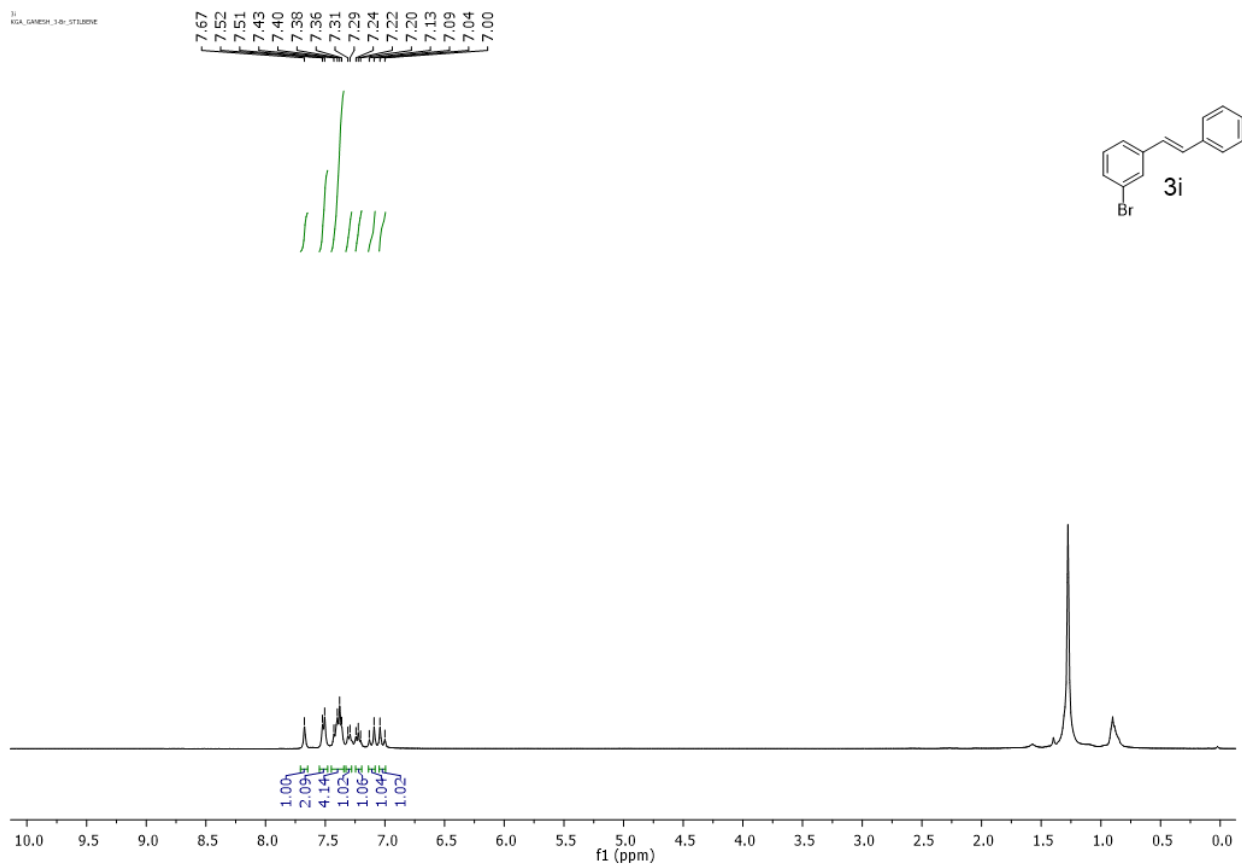
3h
KGA_GANESH_P-BR_UNSYMMETRICAL_STILBE



¹H spectrum of 3h

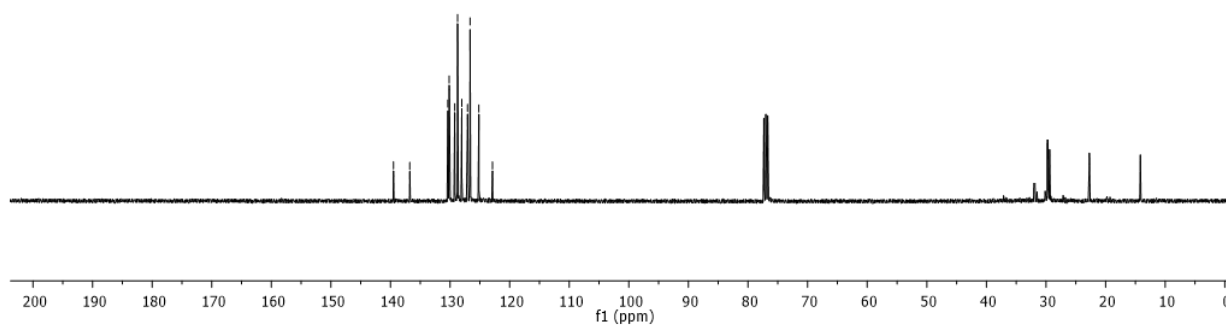
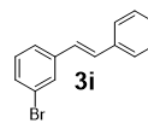


¹³C spectrum of 3h

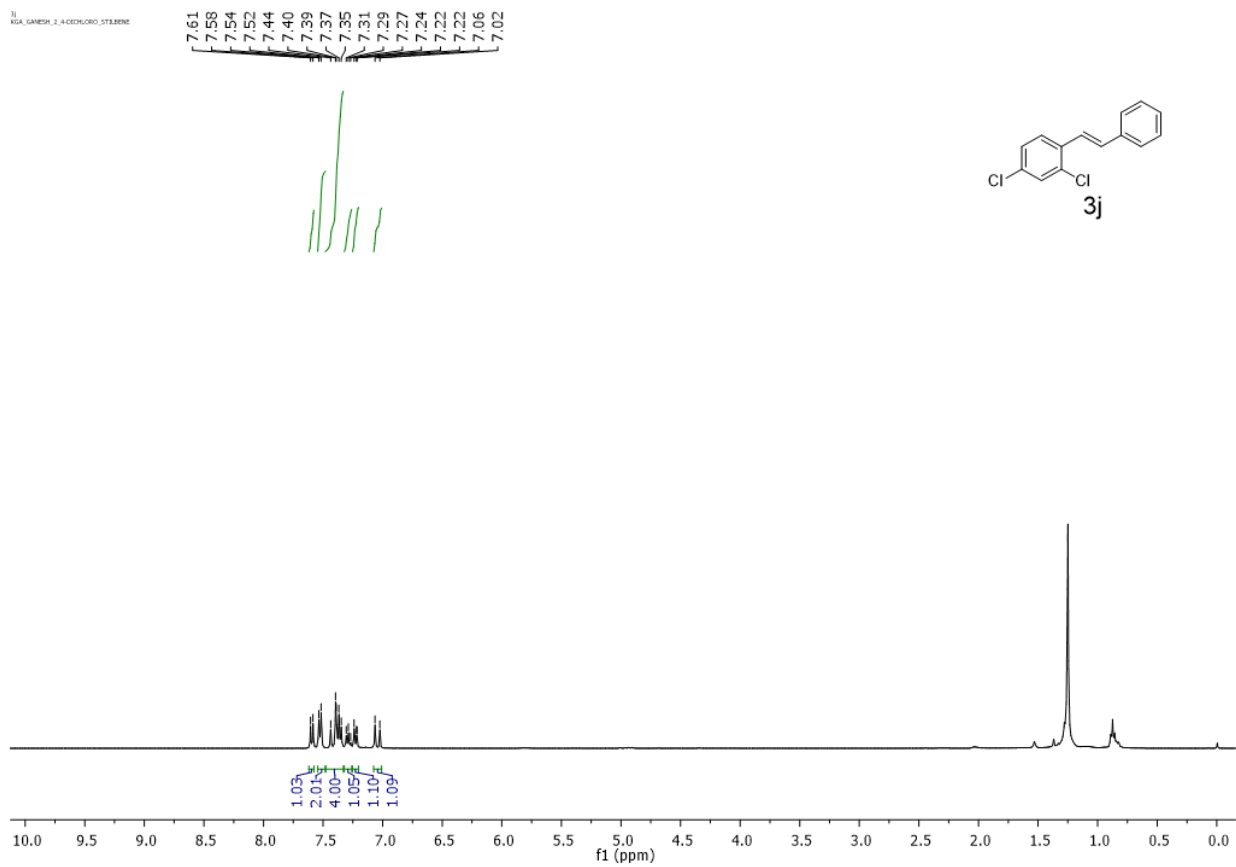


¹H spectrum of 3i

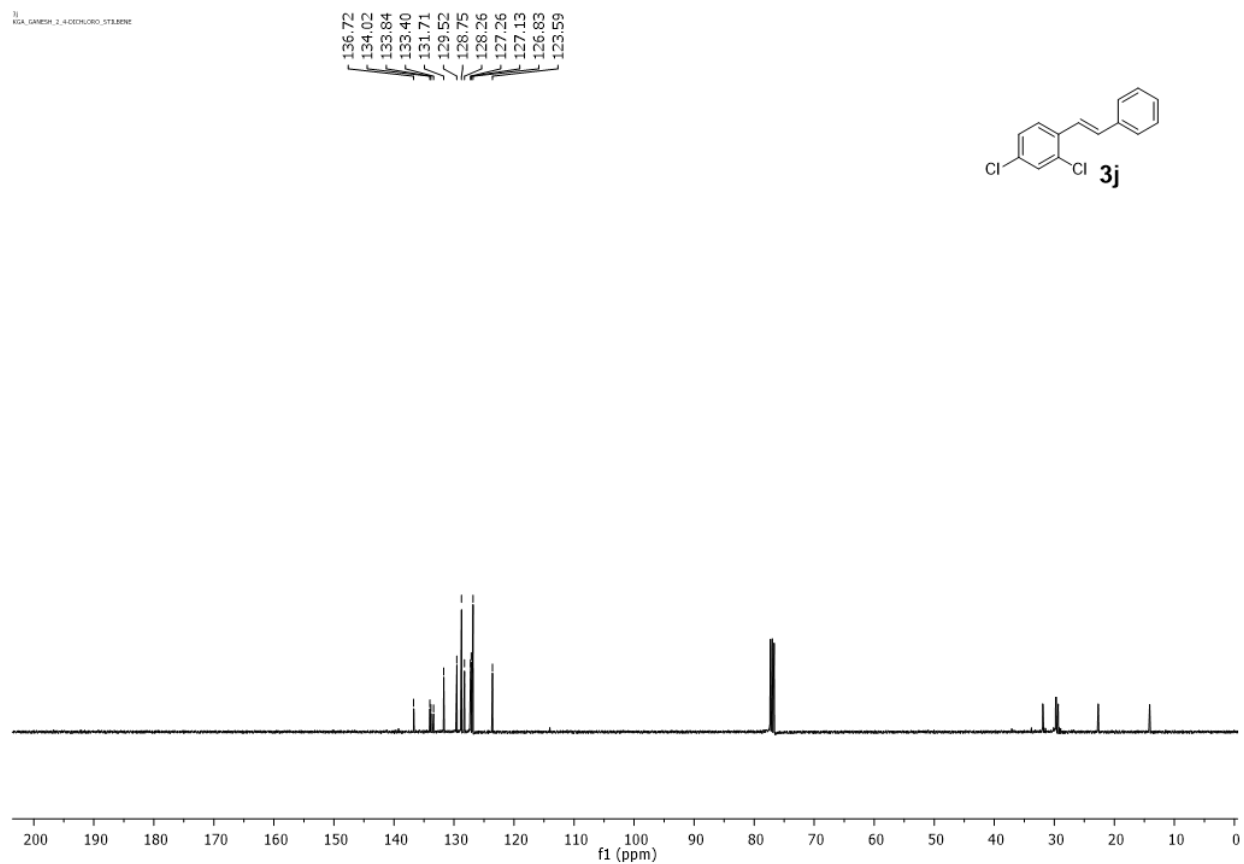
139.50
136.76
130.38
130.14
129.22
128.74
128.04
127.06
126.65
125.17
122.89



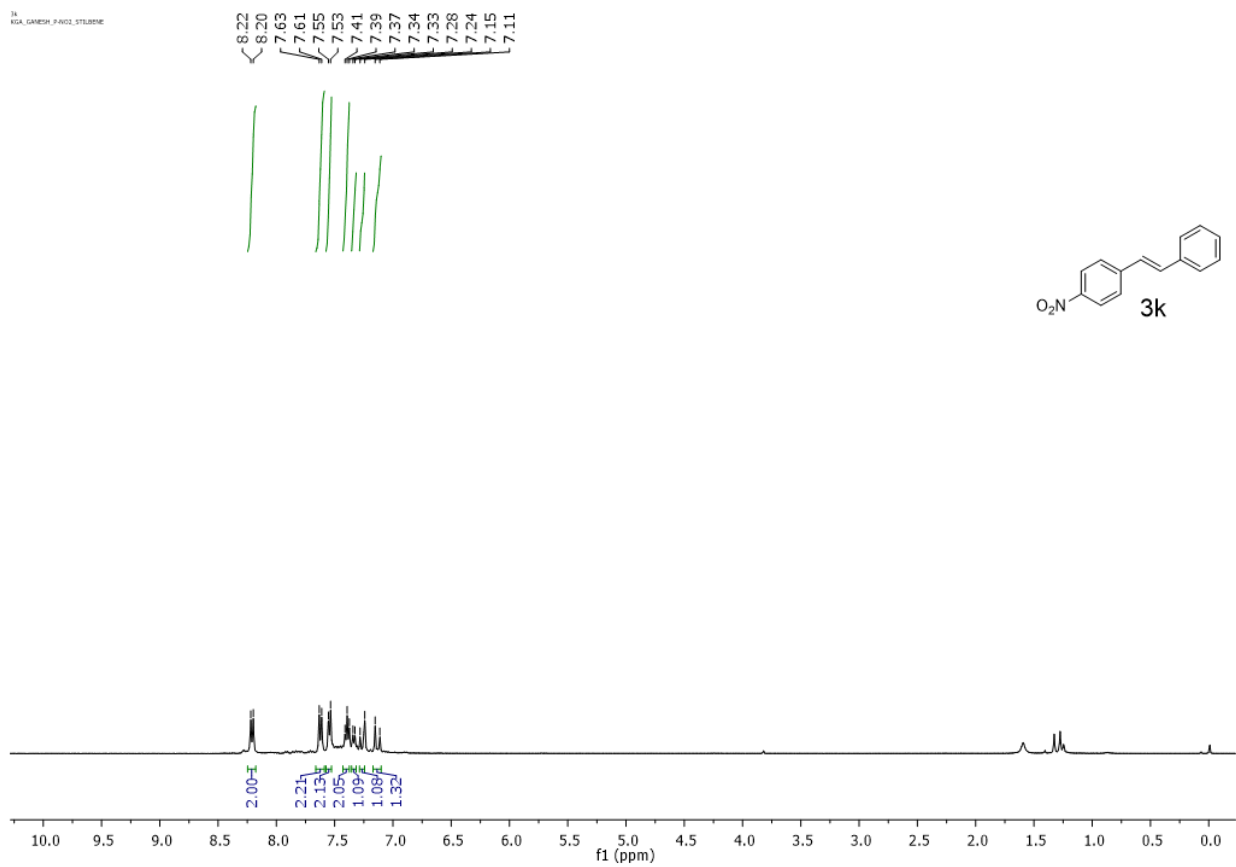
^{13}C spectrum of 3i



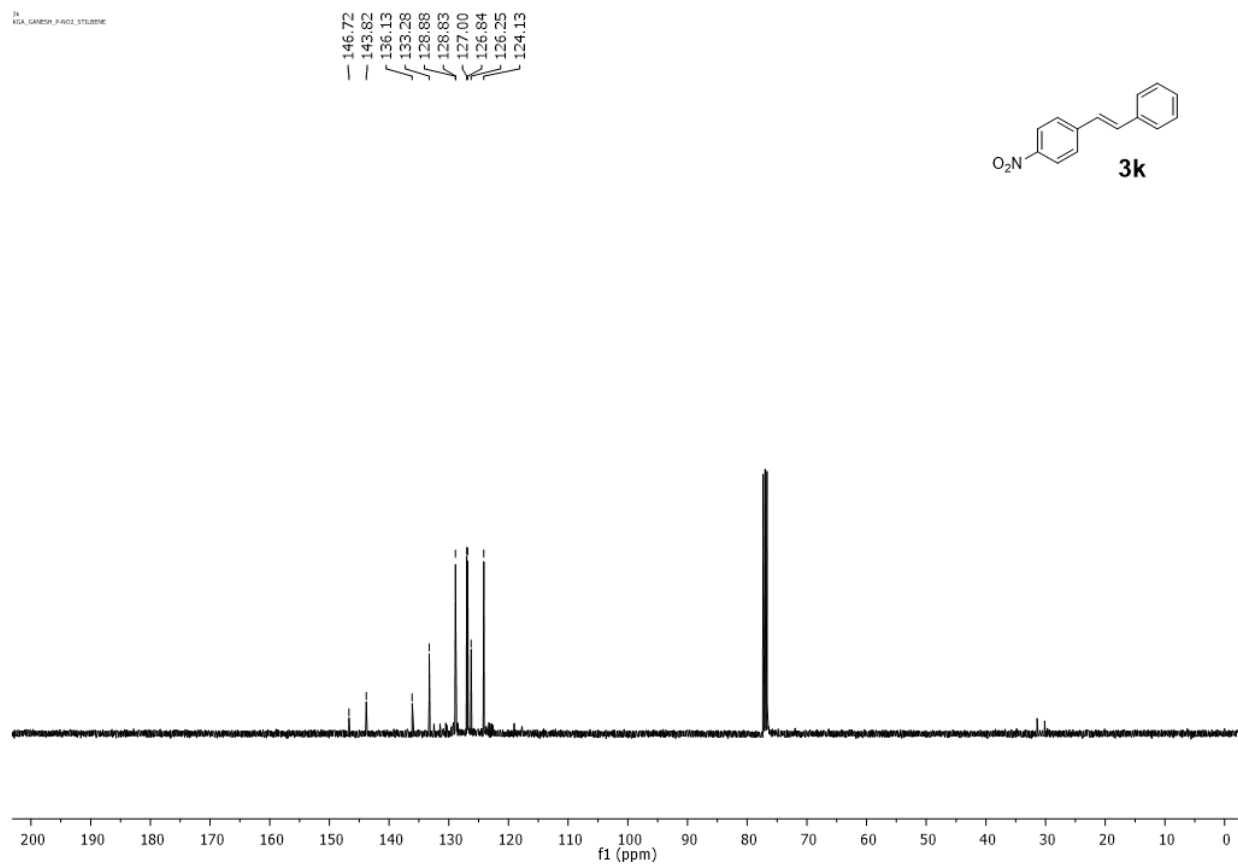
¹H spectrum of 3j



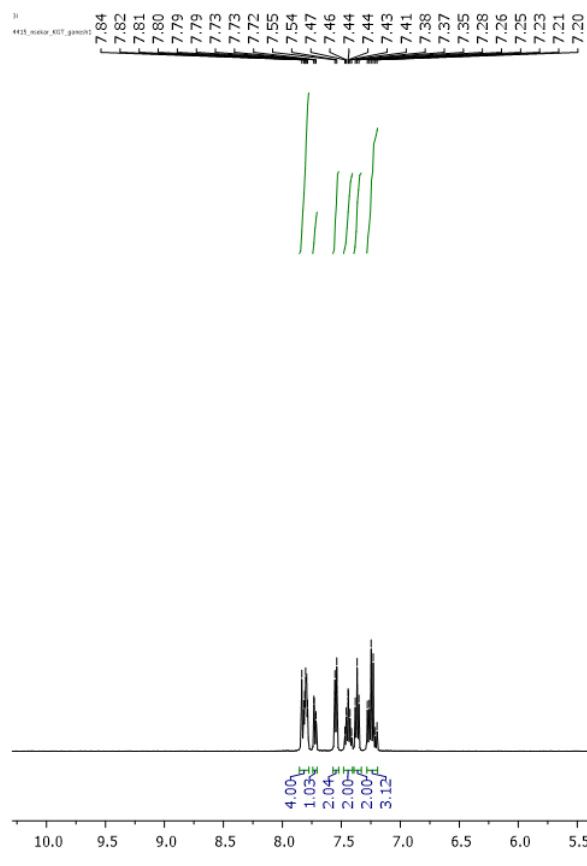
¹³C spectrum of **3j**



¹H spectrum of 3k

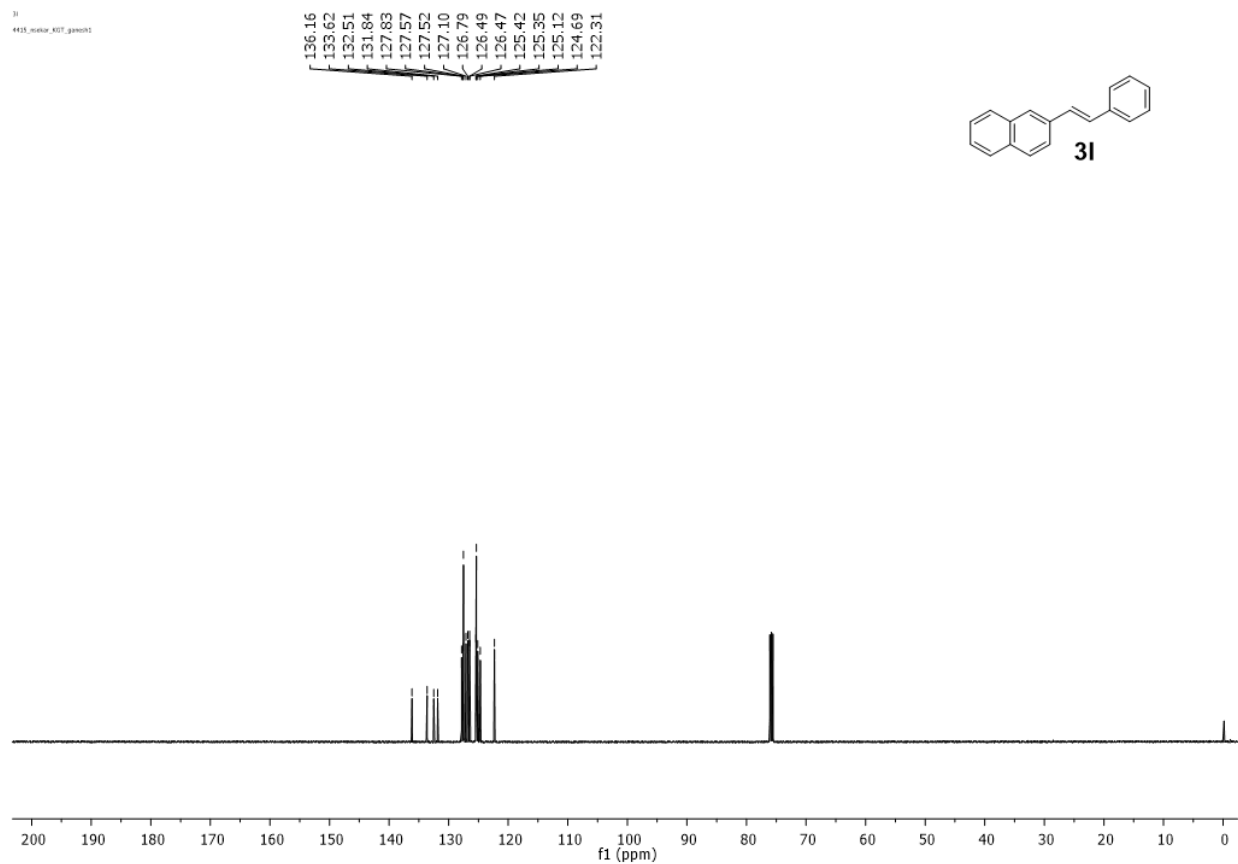


¹³C spectrum of **3k**



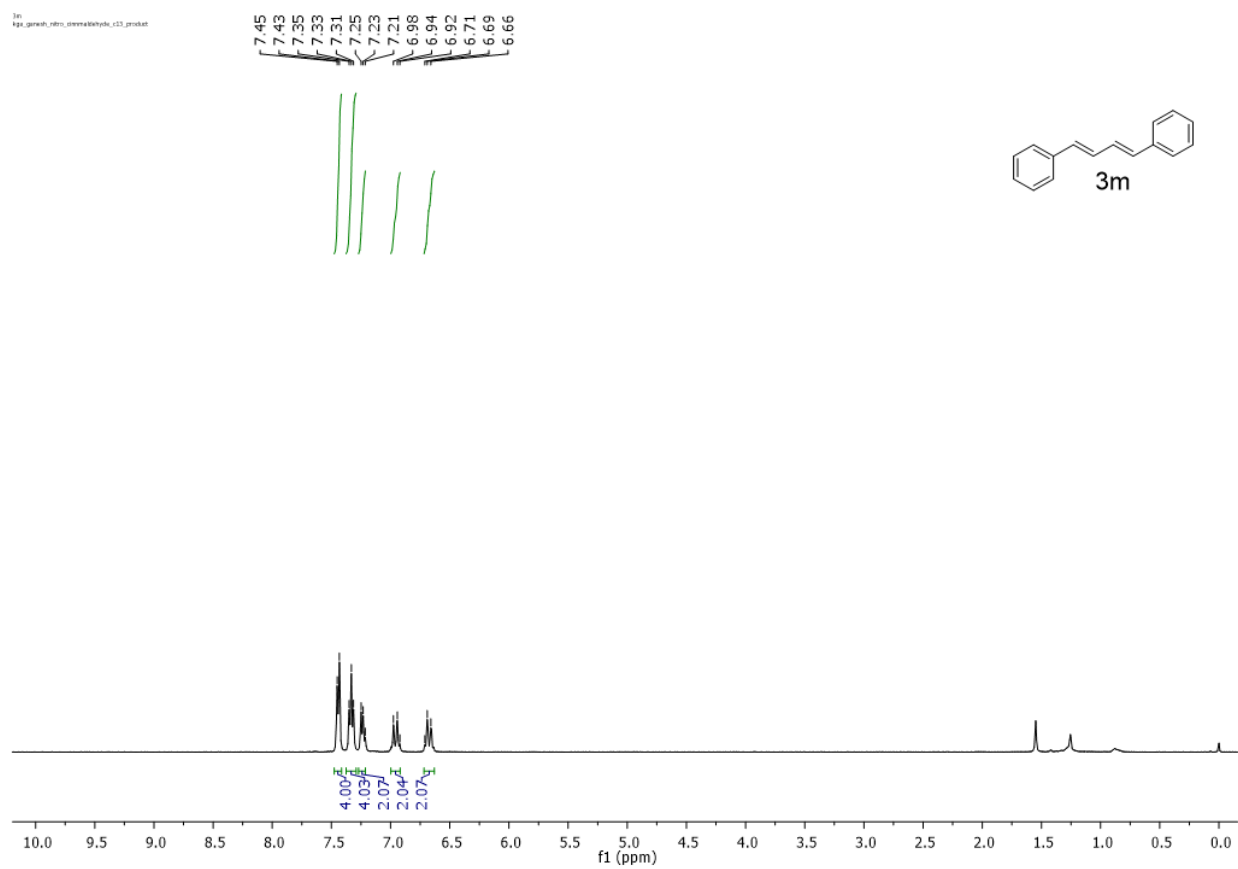
¹H spectrum of 3l

31
#115_name_1071_gauss1



¹³C spectrum of **31**

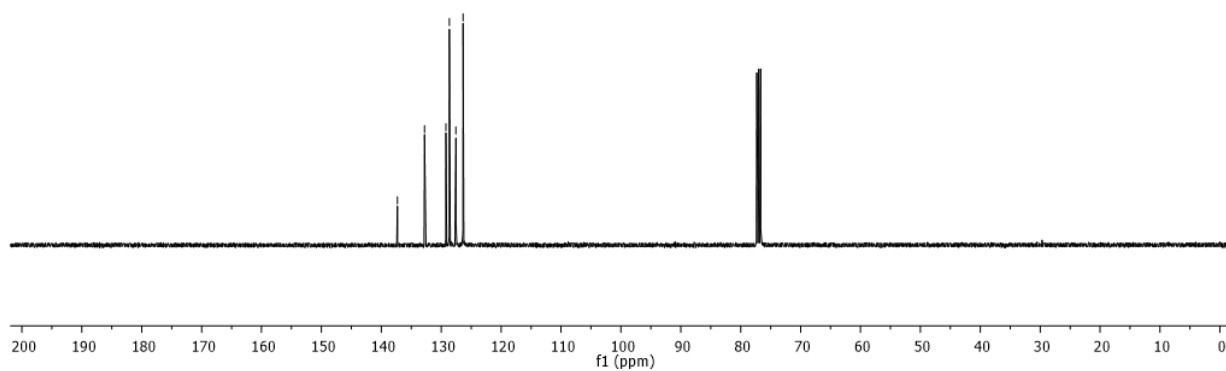
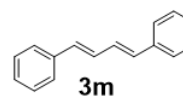
3m
f1a_gsmch2_nbrs_stereoisomers_v131_product



^1H spectrum of 3m

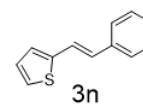
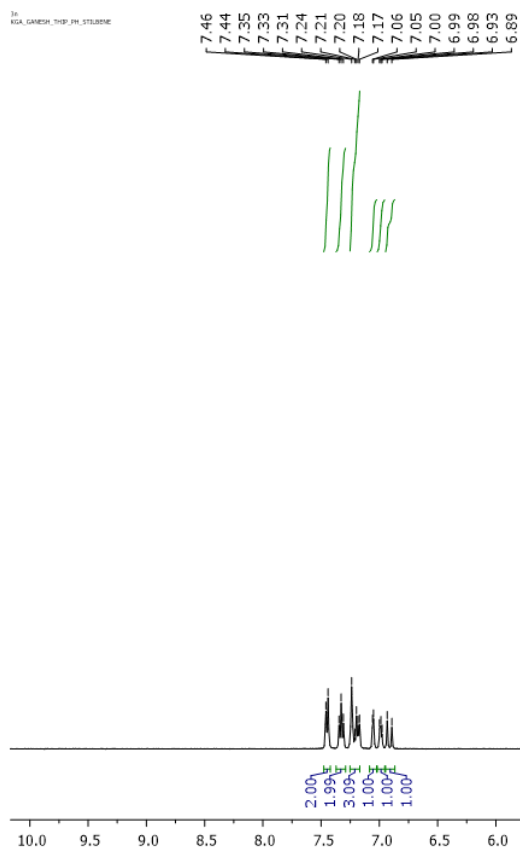
3m
figs_gsmesh_nmr_chemshifts_hc13_product

137.32
132.79
129.22
128.64
127.55
126.36

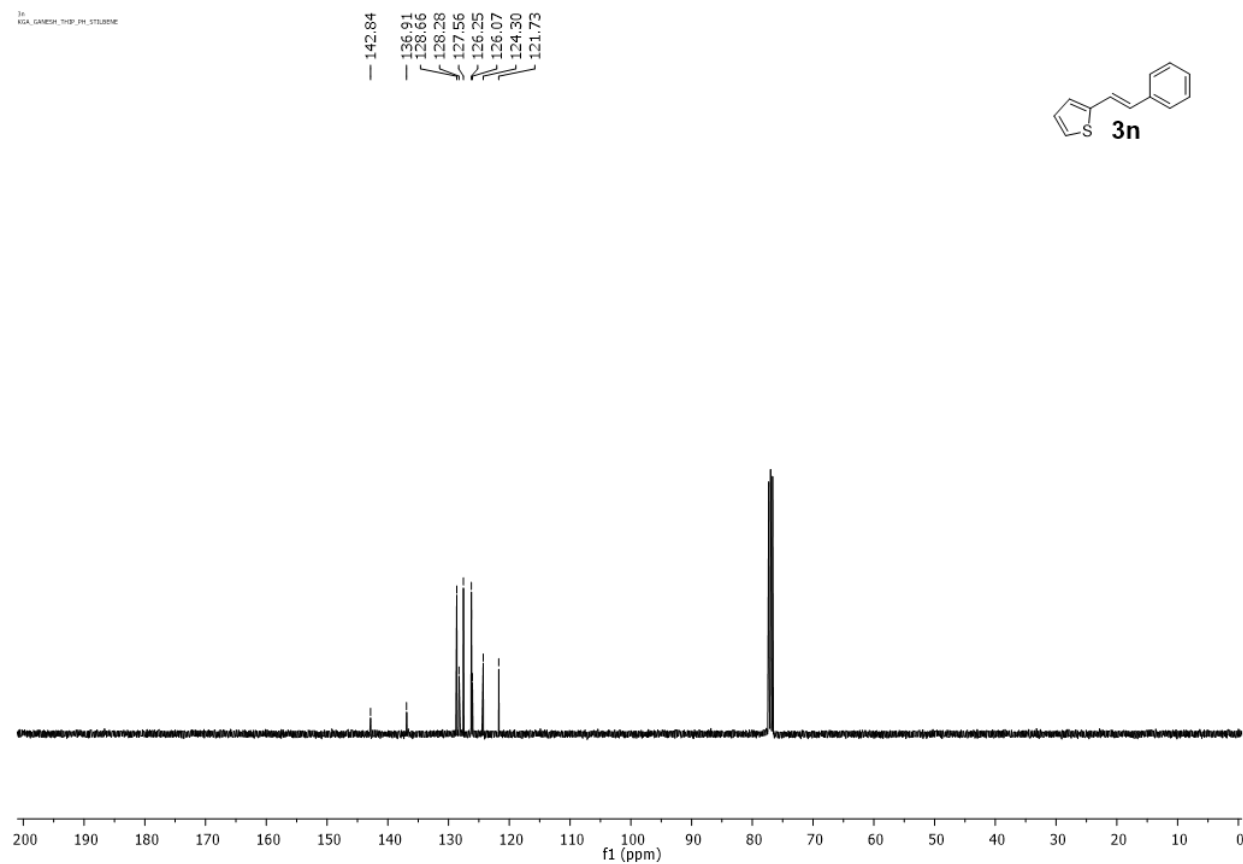


^{13}C spectrum of 3m

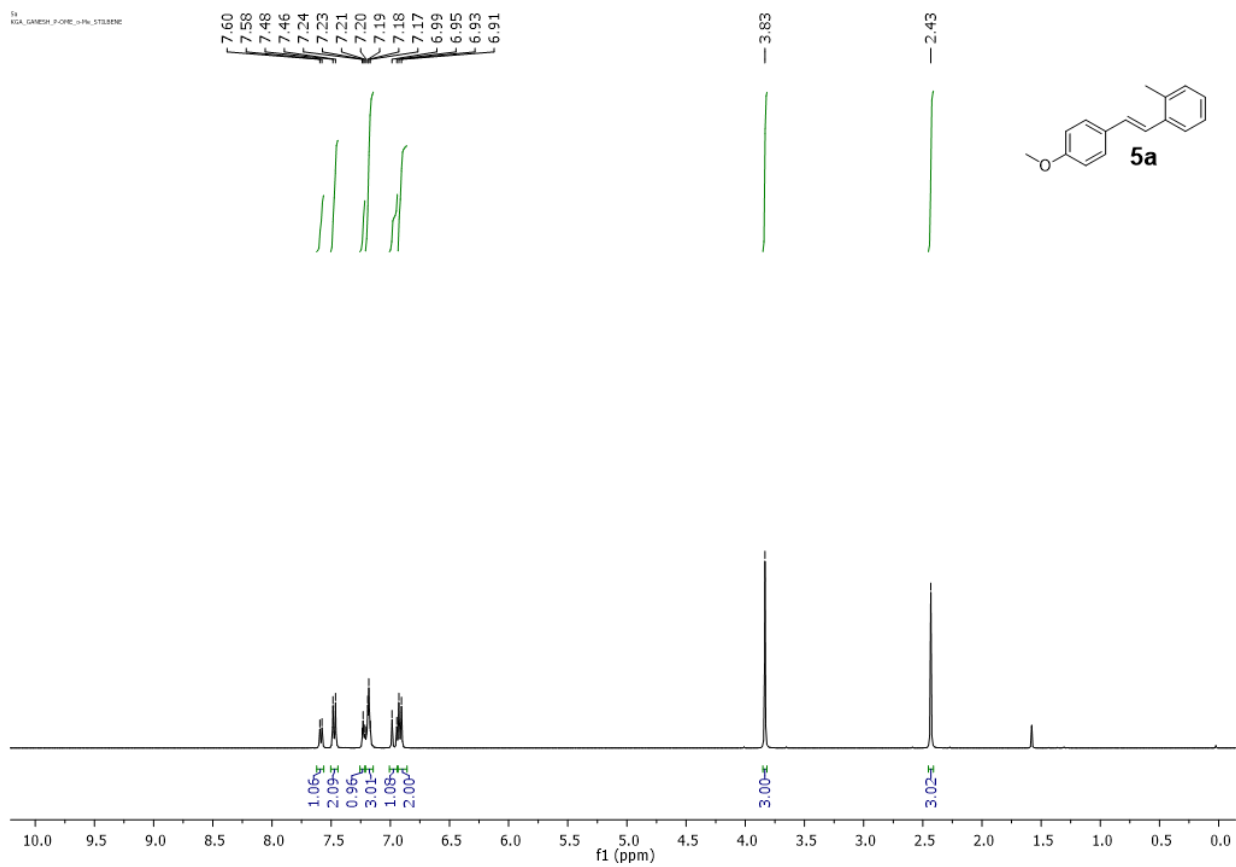
3n
KGA_GANESH_THOP_FH_STUDIES



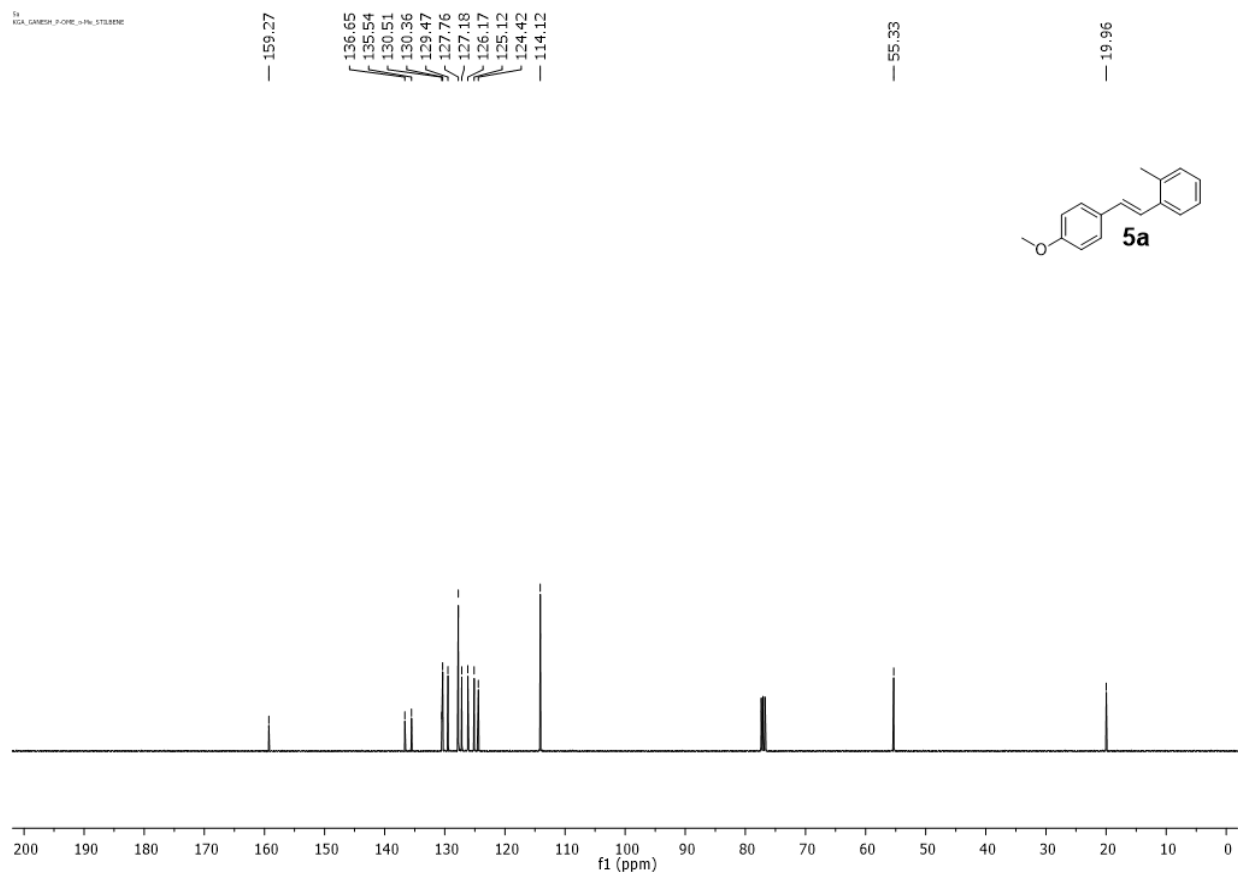
¹H spectrum of 3n



¹³C spectrum of **3n**

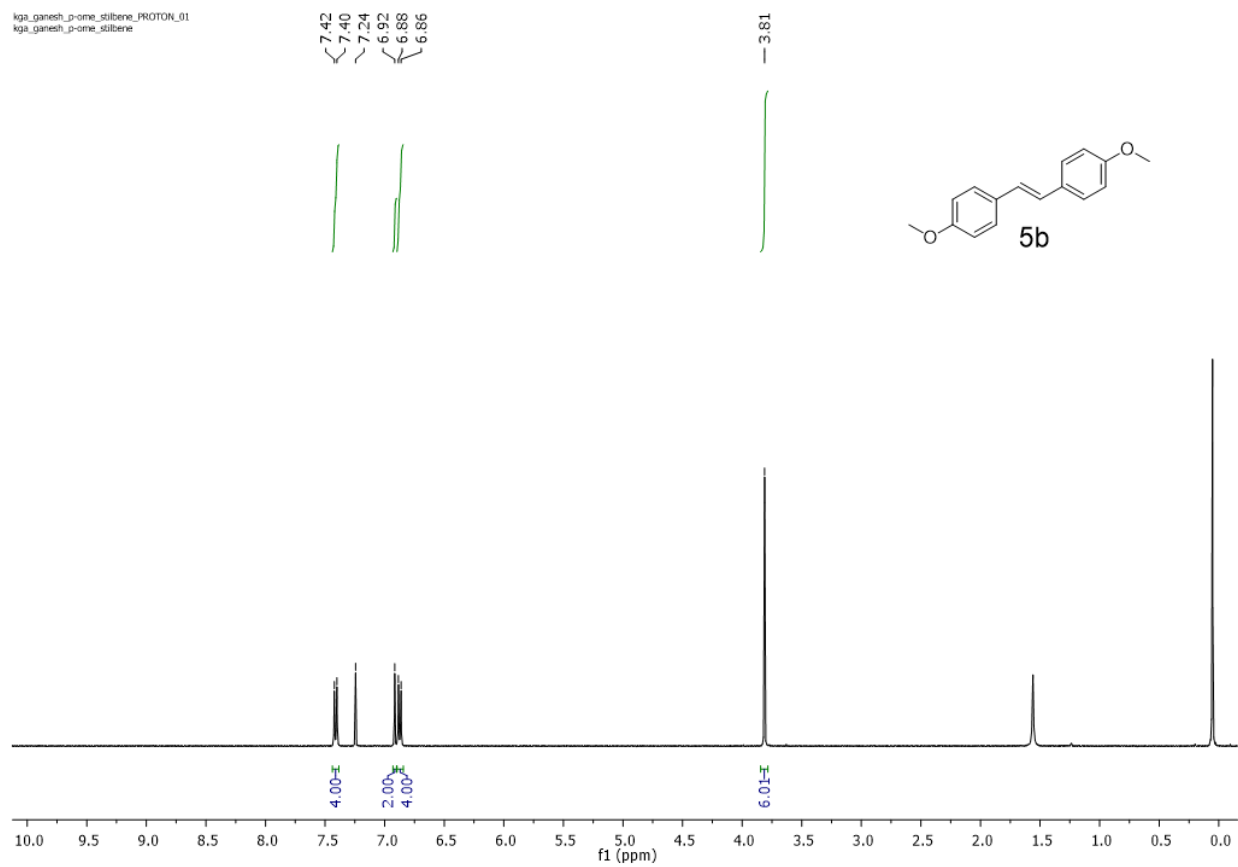


¹H spectrum of 5a



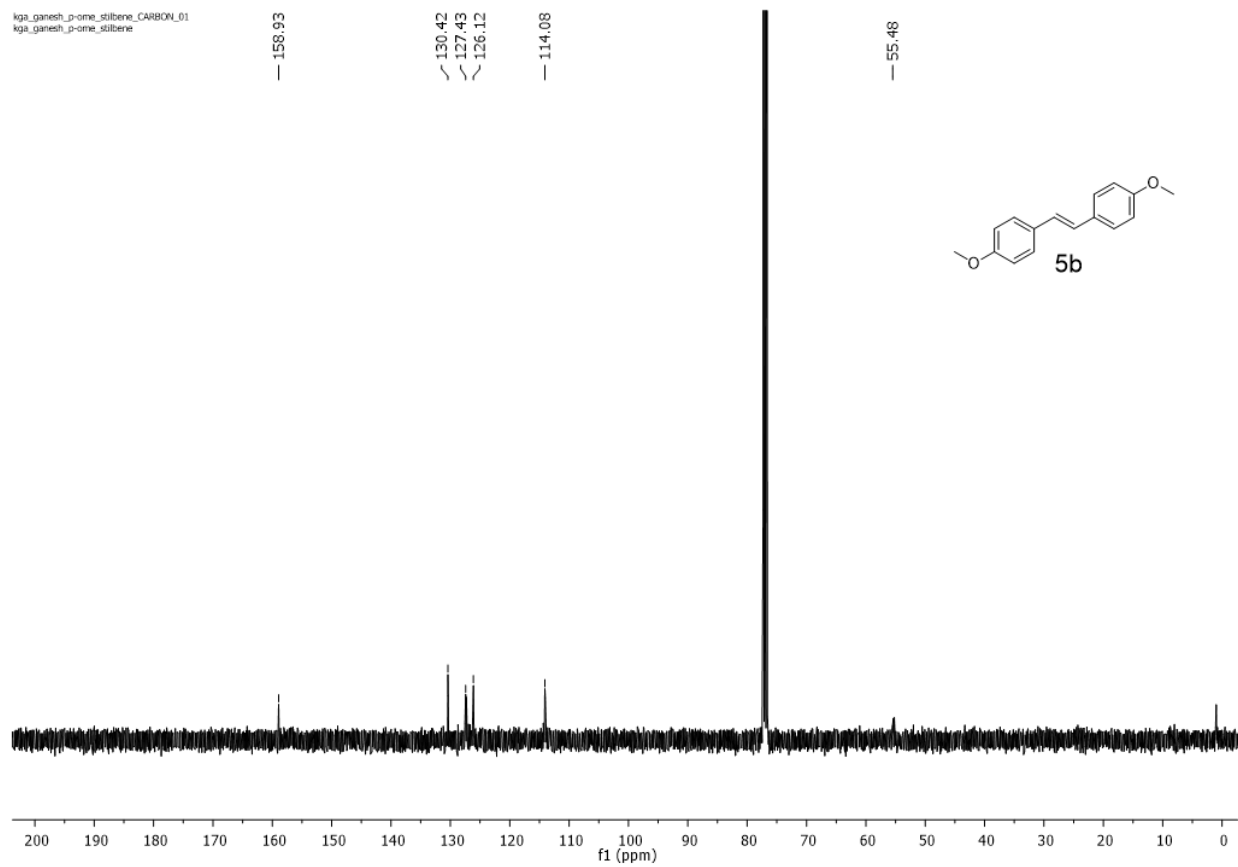
^{13}C spectrum of **5a**

kga_ganesh_p-ome stilbene_PROTON_01
kga_ganesh_p-ome stilbene



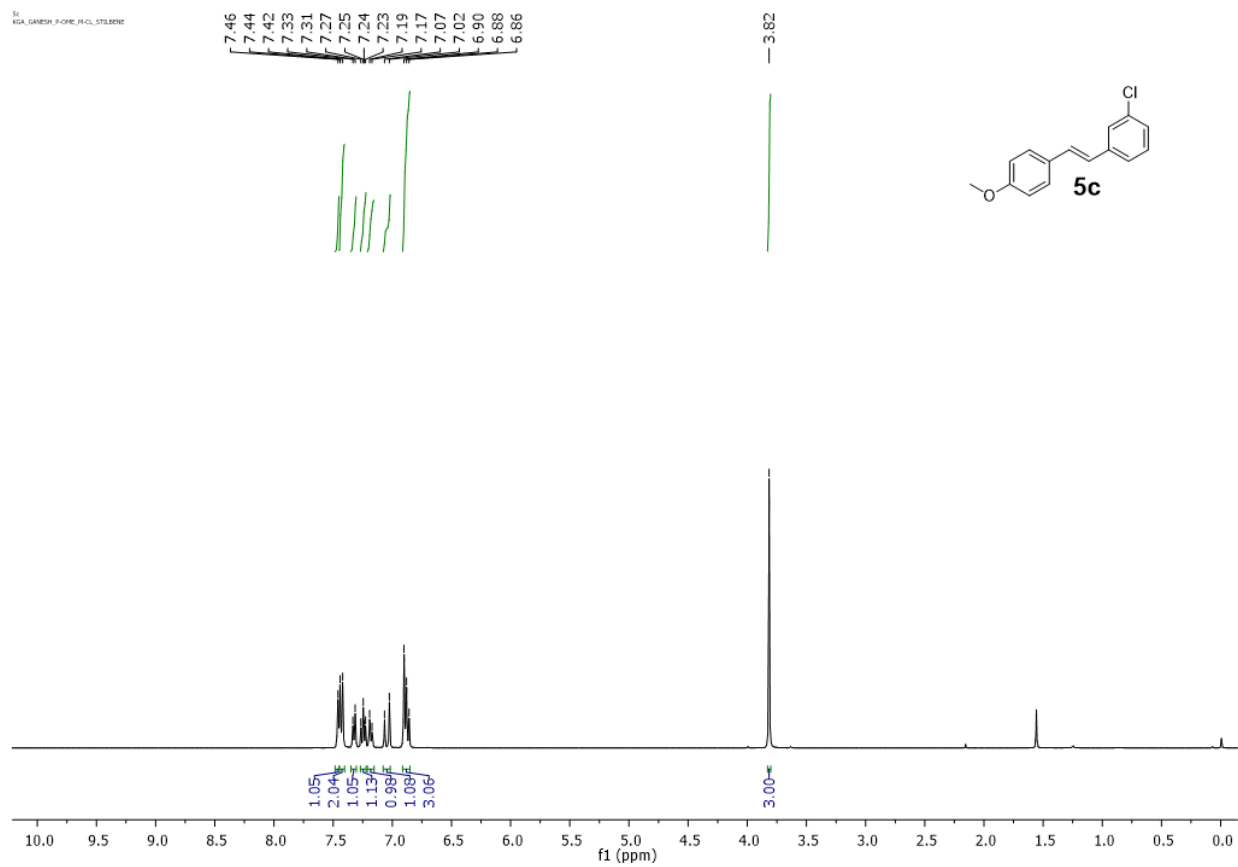
^1H spectrum of 5b

kga_ganesh_p-ome_stilbene_CARBON_01
kga_ganesh_p-ome_stilbene



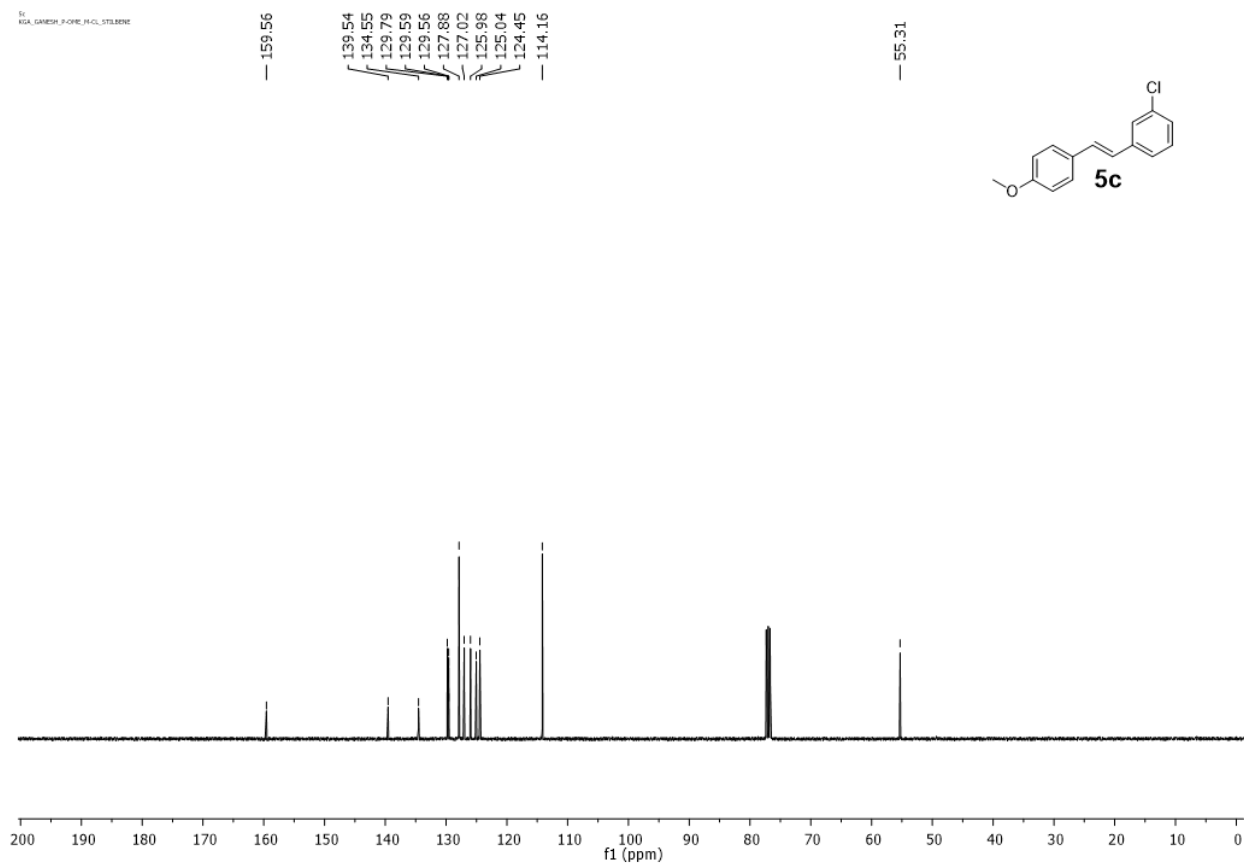
^{13}C spectrum of 5b

SI
KGA, GAMESH, P-OPE, H-CL, STILBENE



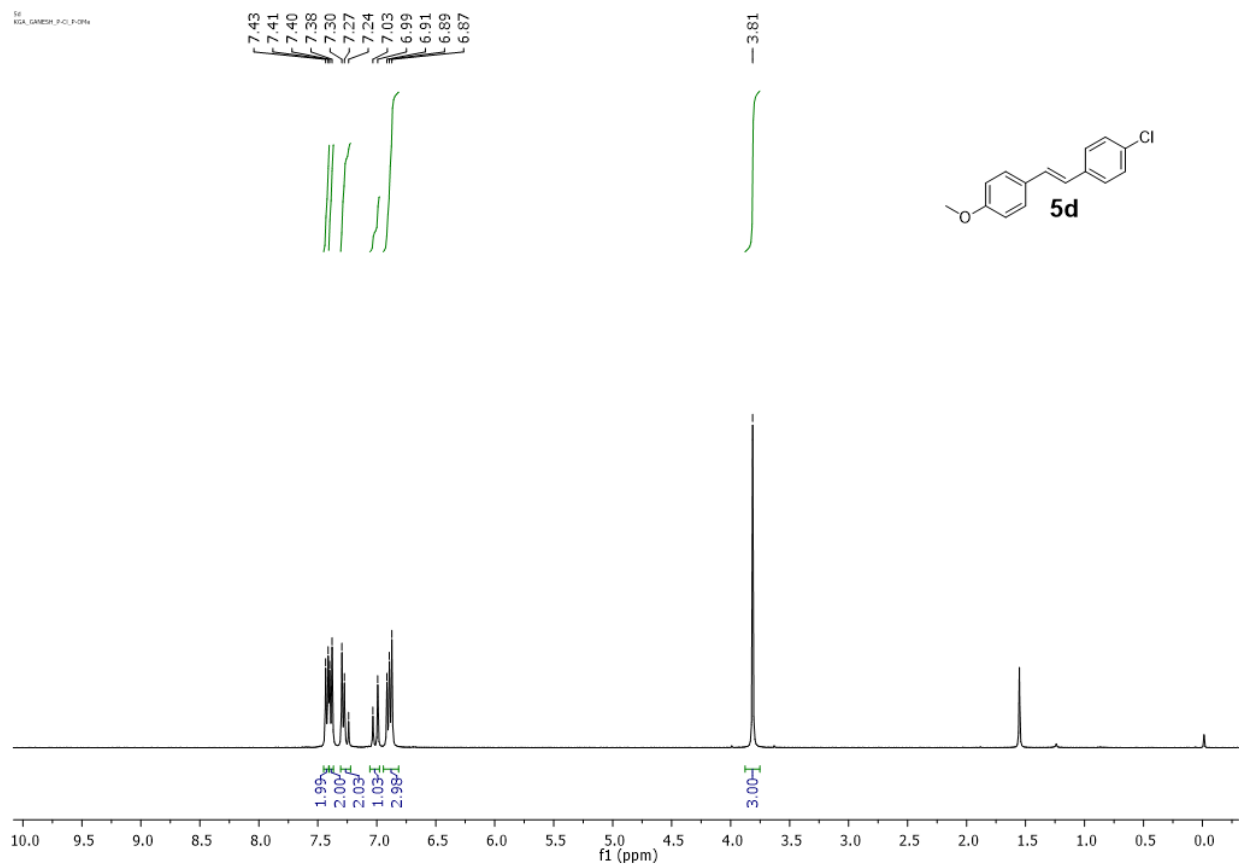
¹H spectrum of 5c

SI
KGA, GAMESH, P-OH, H-CL, STILBENE



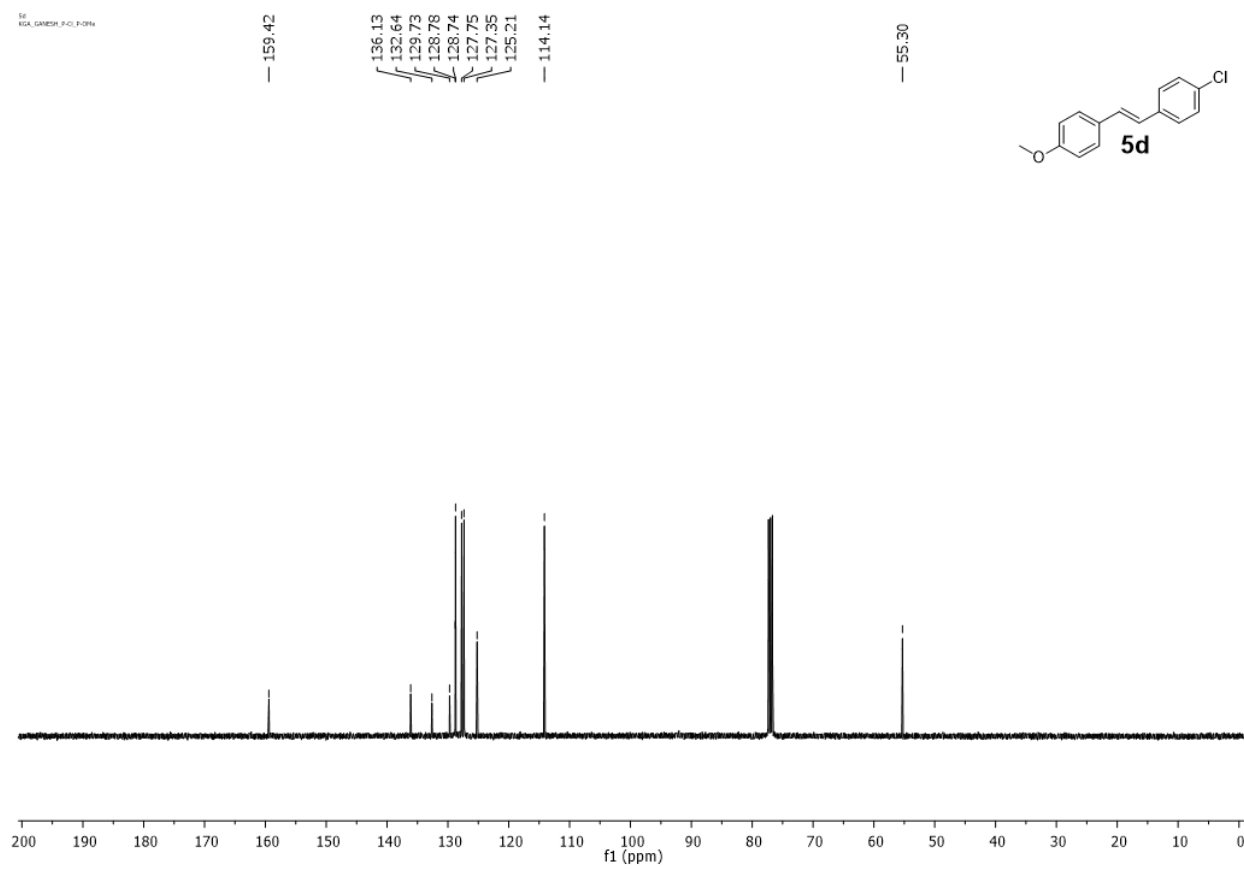
¹³C spectrum of **5c**

SE
KGA, GANESH, P-CL, P-076



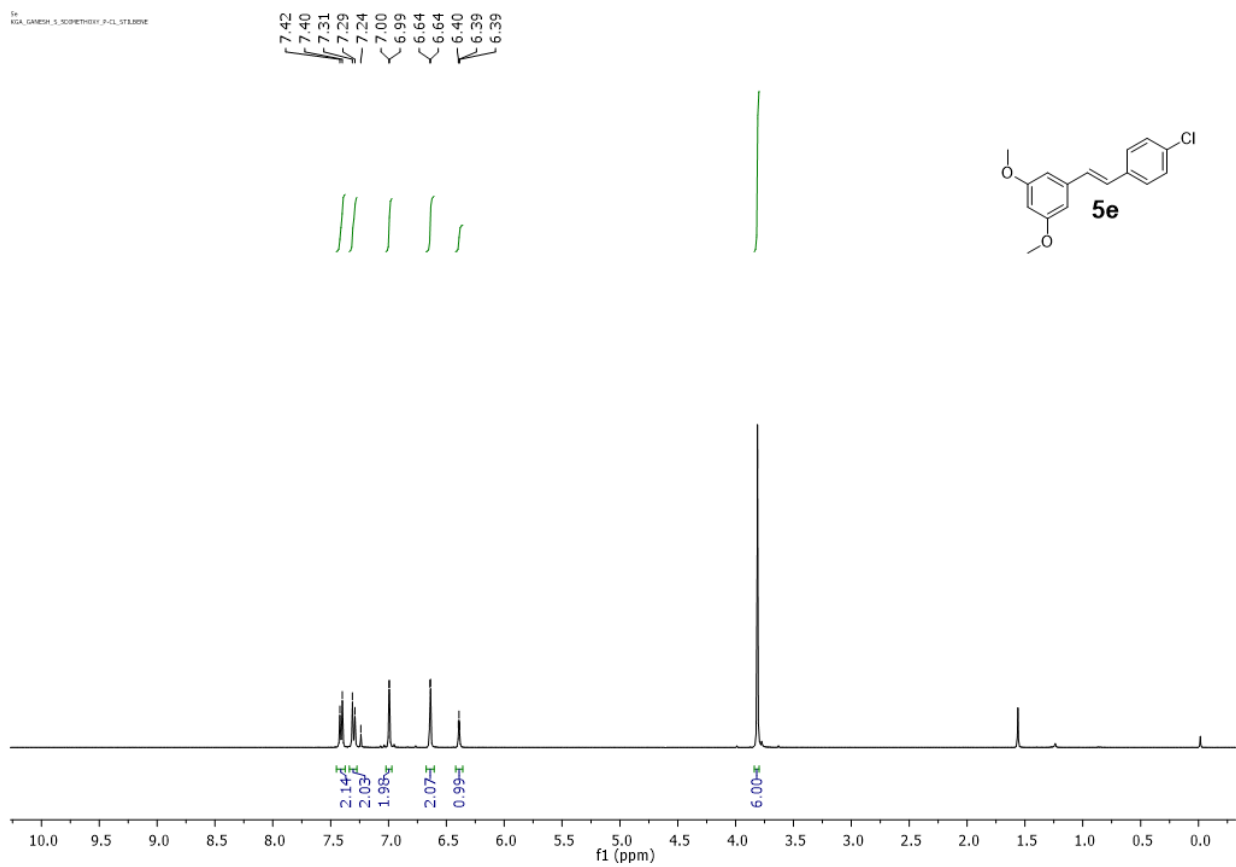
¹H spectrum of 5d

5d
KGA, GARDEN, 7-CL, 7-OMe



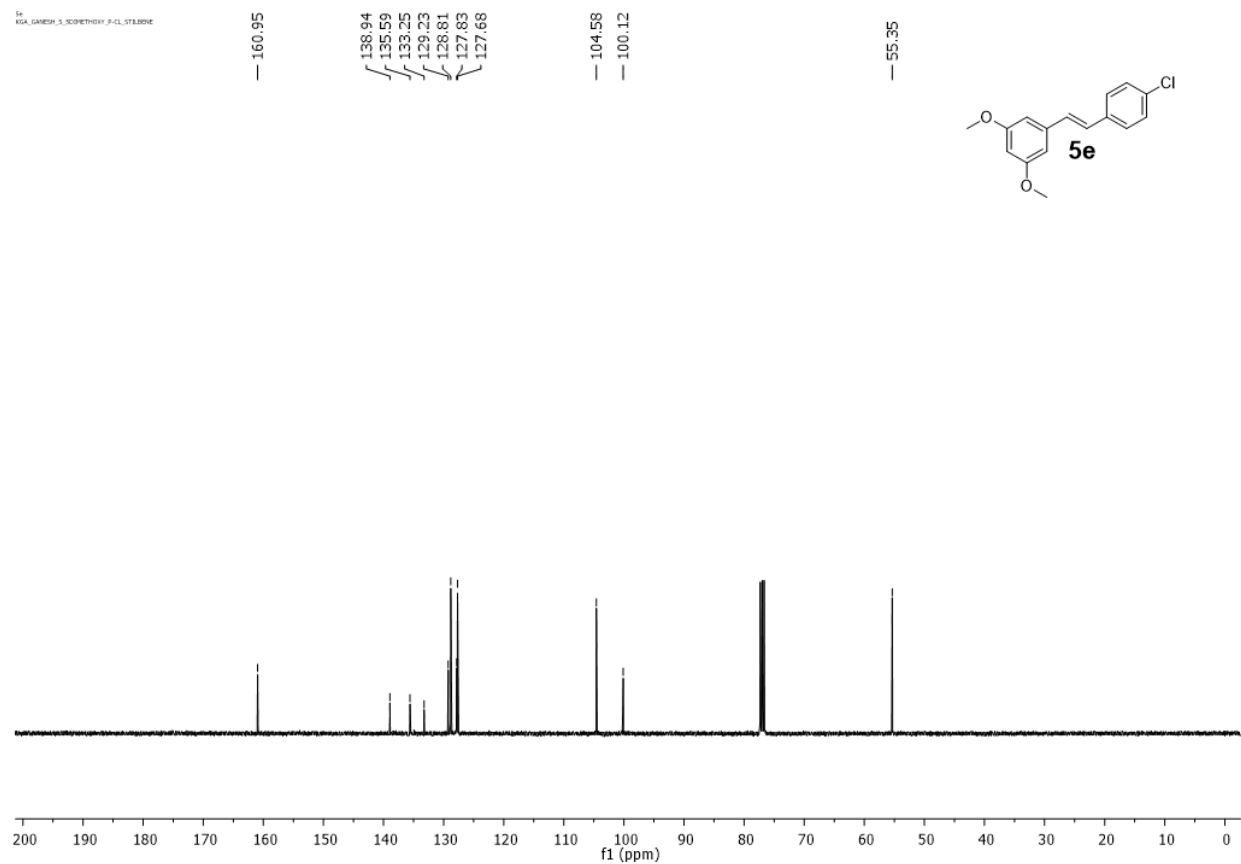
^{13}C spectrum of **5d**

5e
KGA, GANESH, S, SOPHETHEBY, P-CL, STELBENE

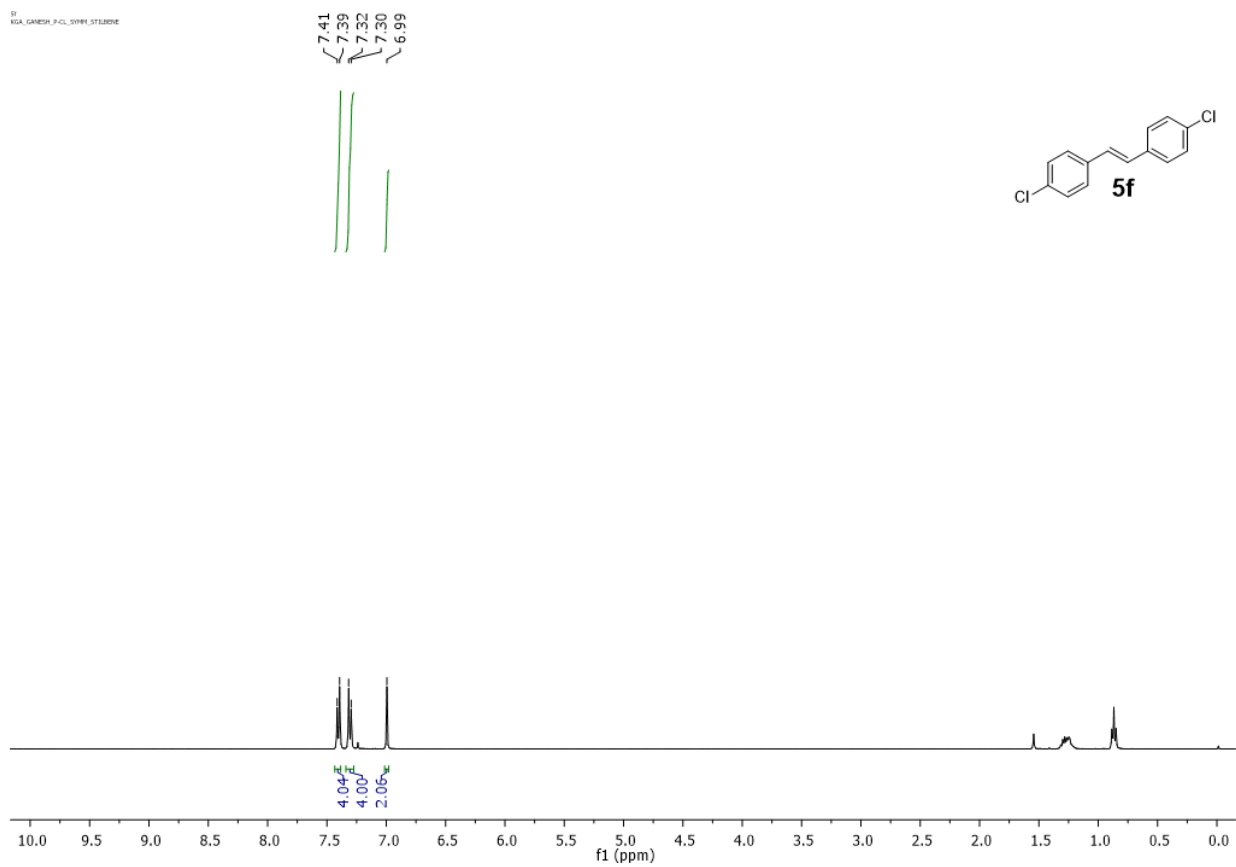


¹H spectrum of 5e

5e
KGA, GANESH, S, SOPHETHEBY, P-CL, STILBENE

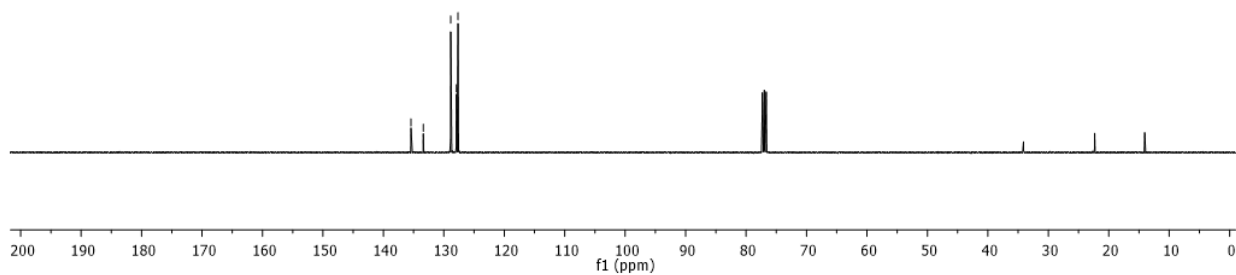
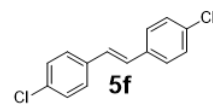


¹³C spectrum of 5e



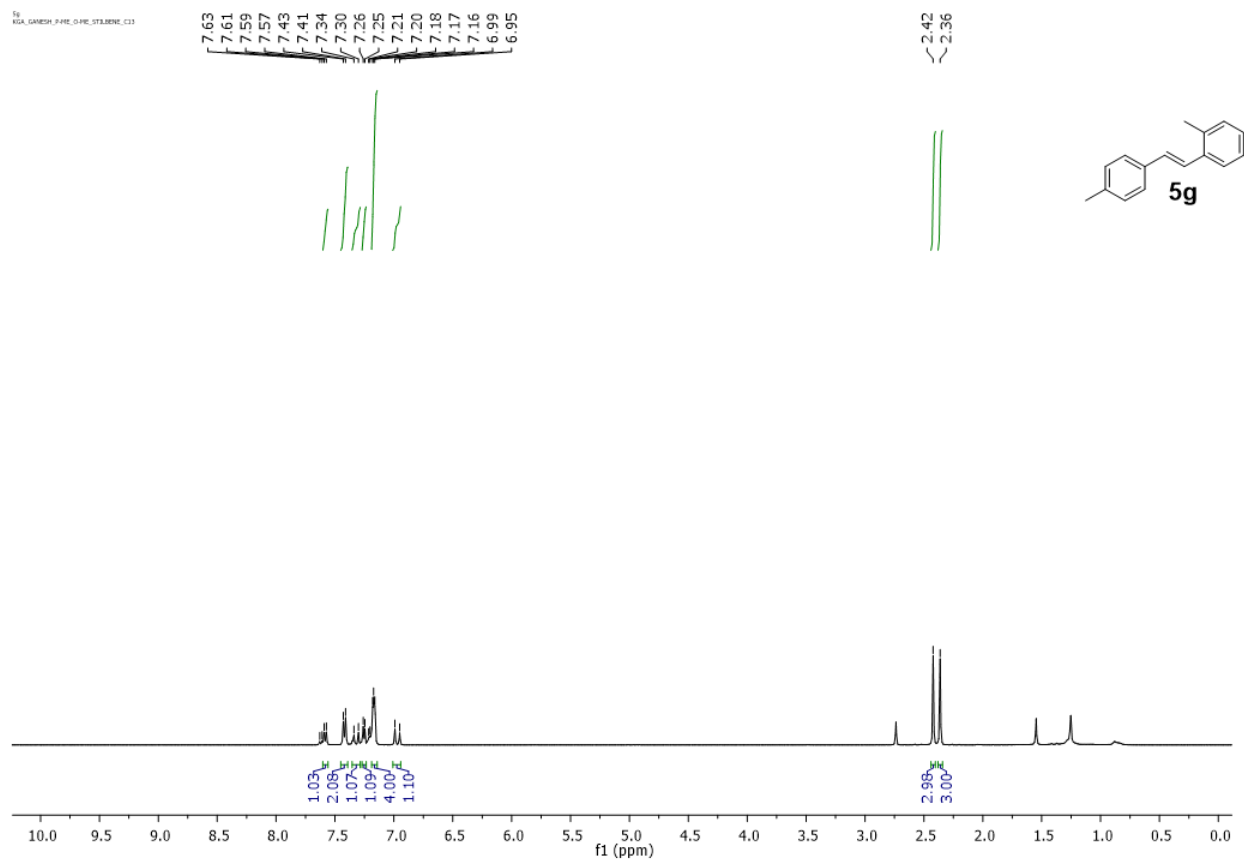
¹H spectrum of 5f

135.44
133.40
128.87
127.91
127.65



^{13}C spectrum of **5f**

5g
KGA_GANESH_PATIL_5-FHE_STYLBENE_C33

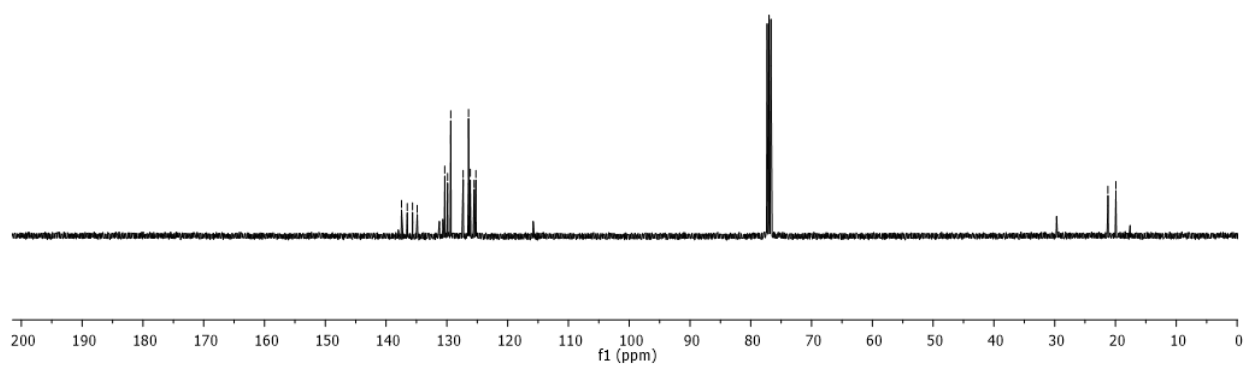
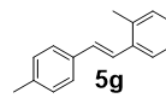


¹H spectrum of 5g

5g
KGA_GANESH_PATIL_03-FEB-2018-09-00_C13

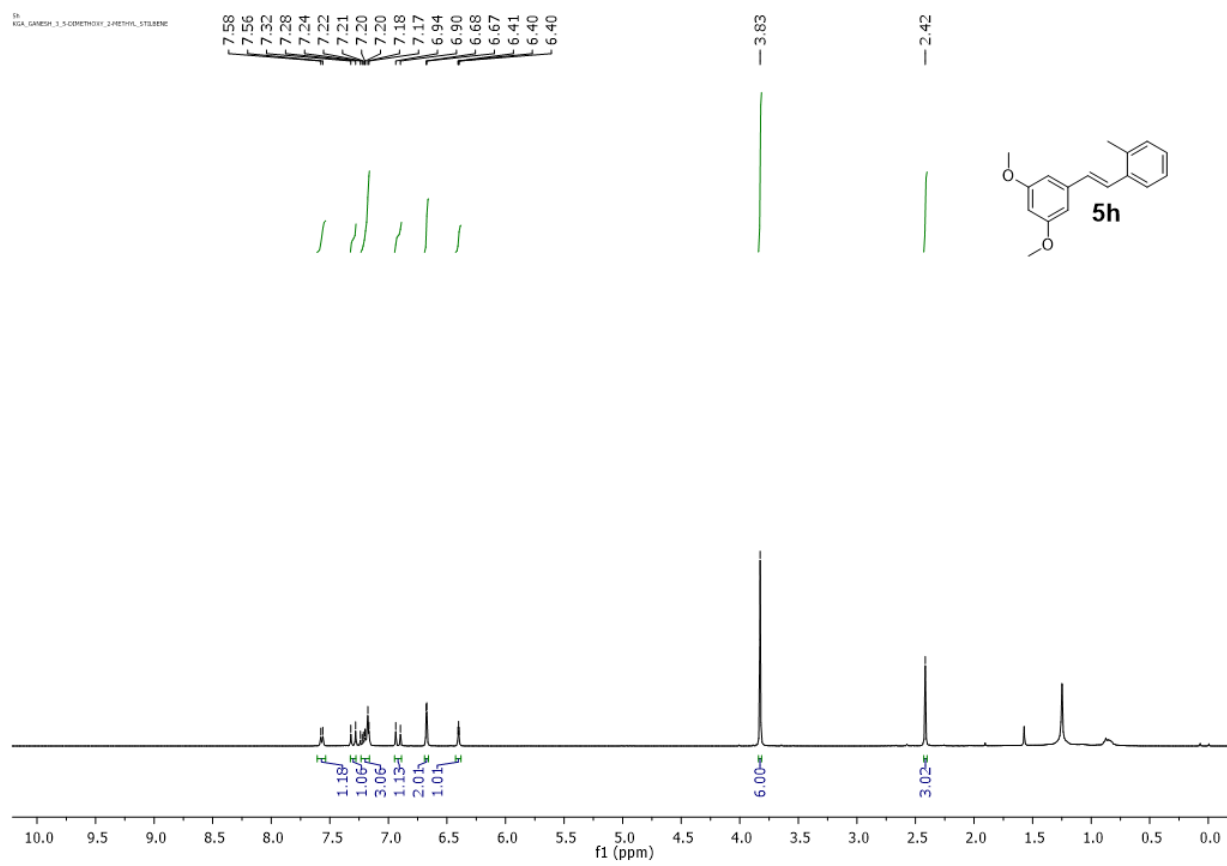
137.47
136.52
135.66
134.88
130.34
129.88
129.36
127.33
126.44
126.15
125.51
125.22

21.24
19.93



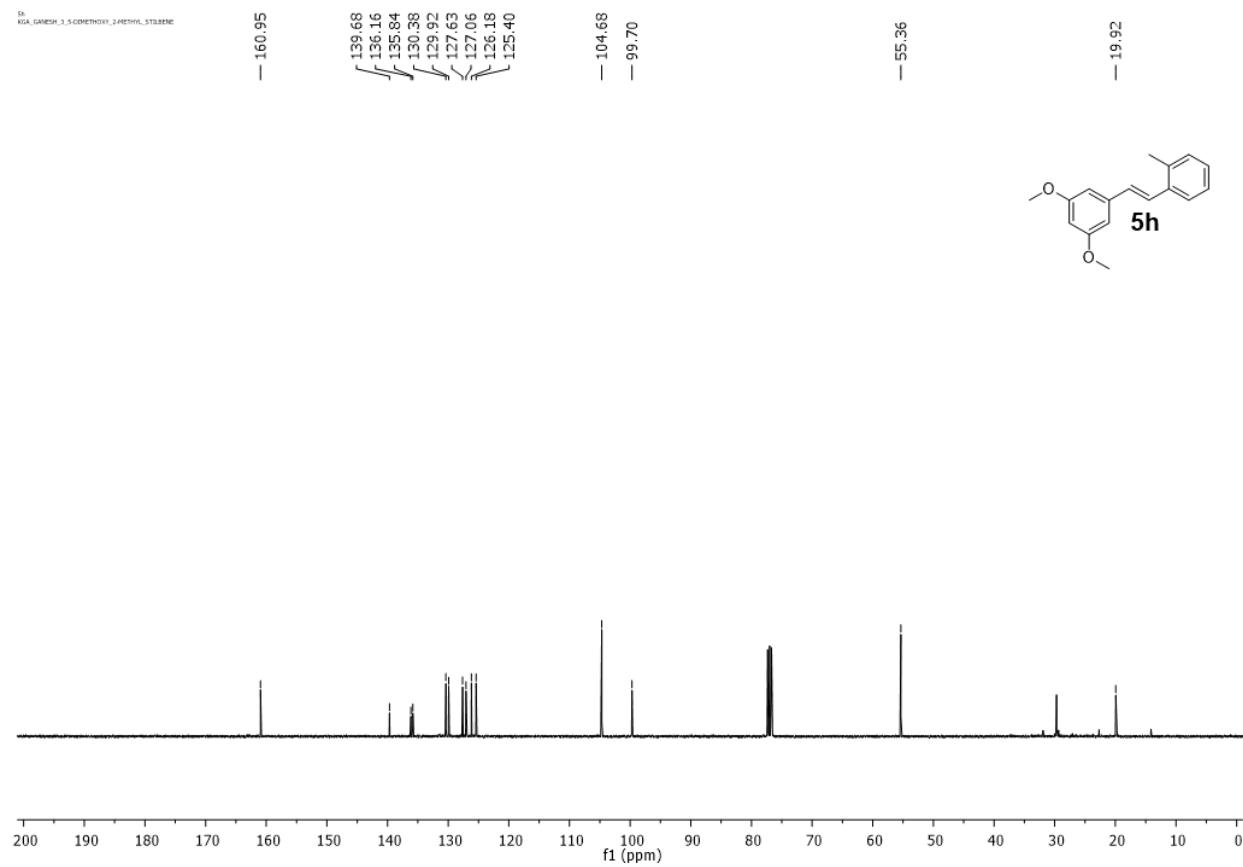
^{13}C spectrum of 5g

5h
KGA_GAMESH_3.5-CDPETHOXY_2-METHYL_STILBENE



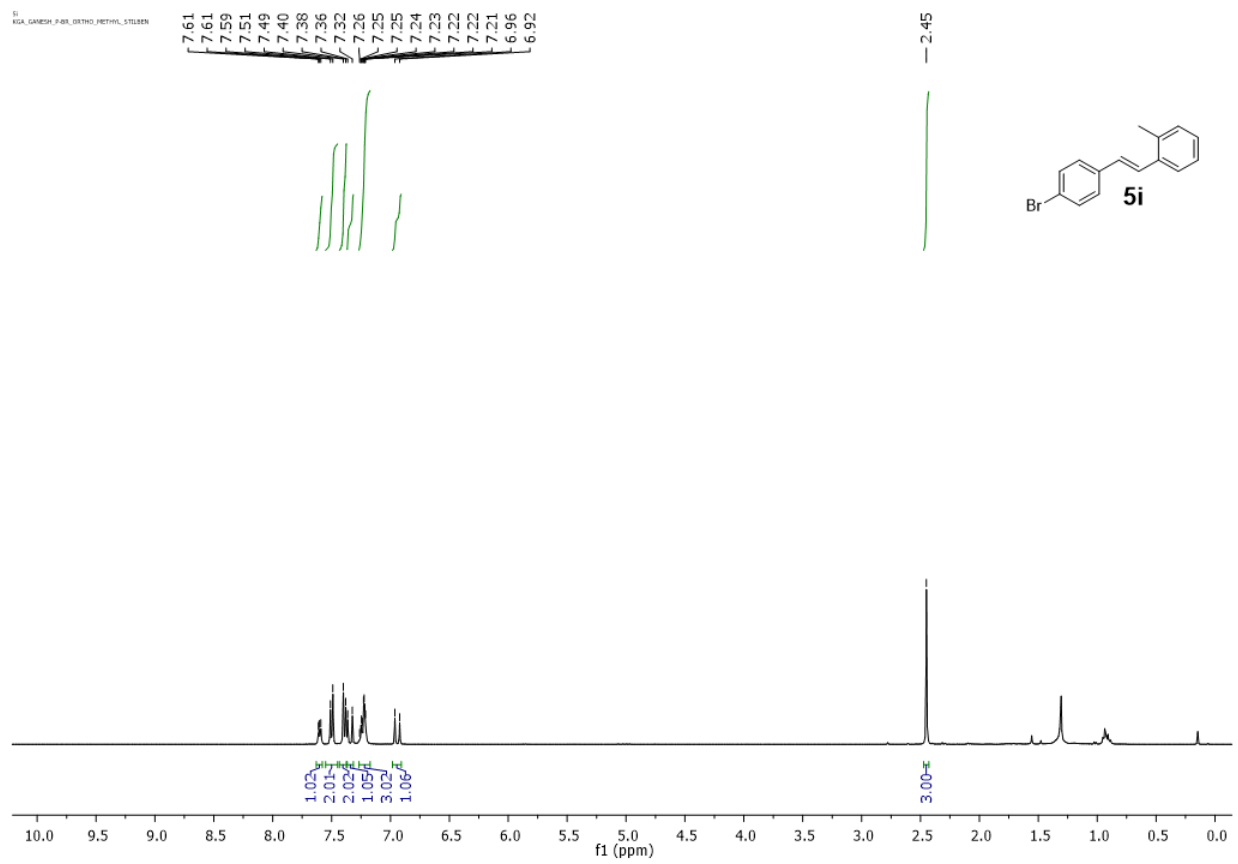
¹H spectrum of 5h

19
KGA_GAMESH_1_5-CONETHOXY_2-METHOXY-STILBENE

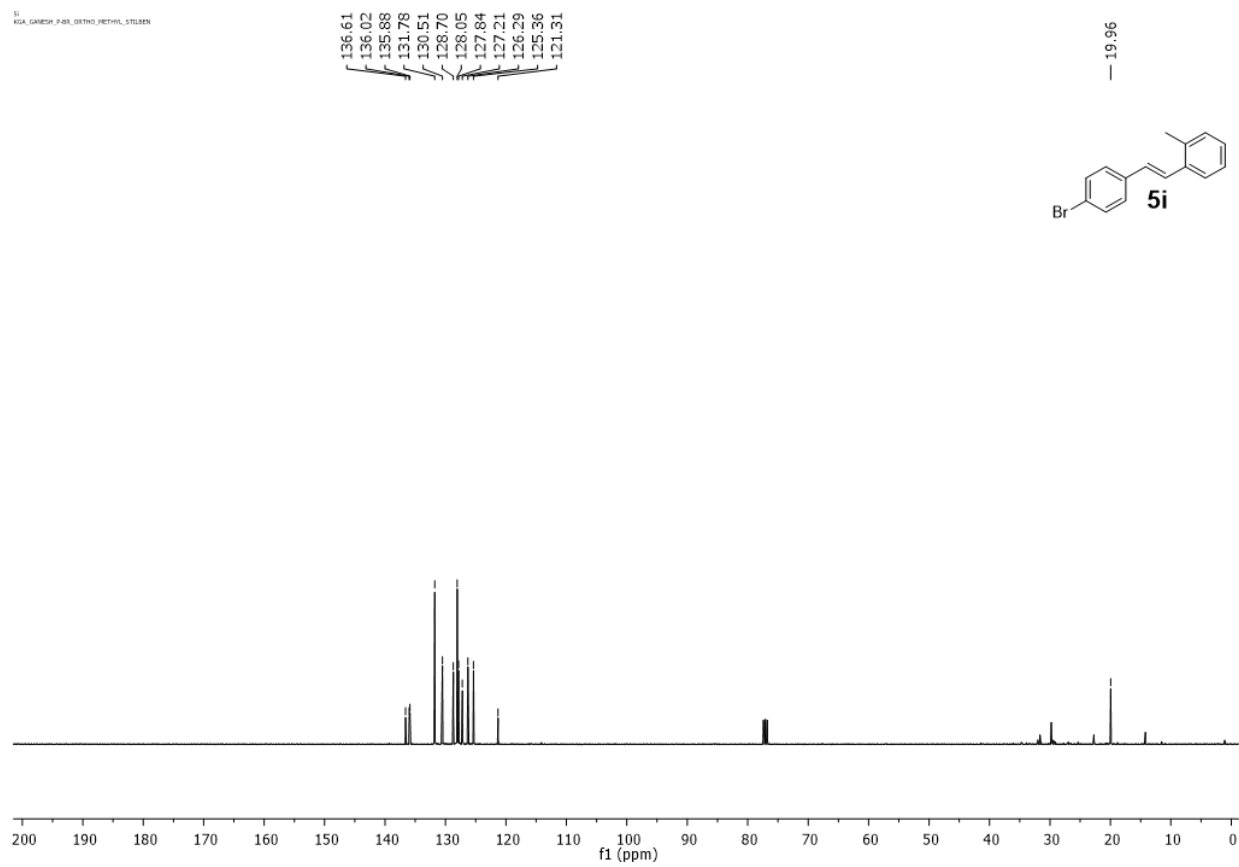


¹³C spectrum of 5h

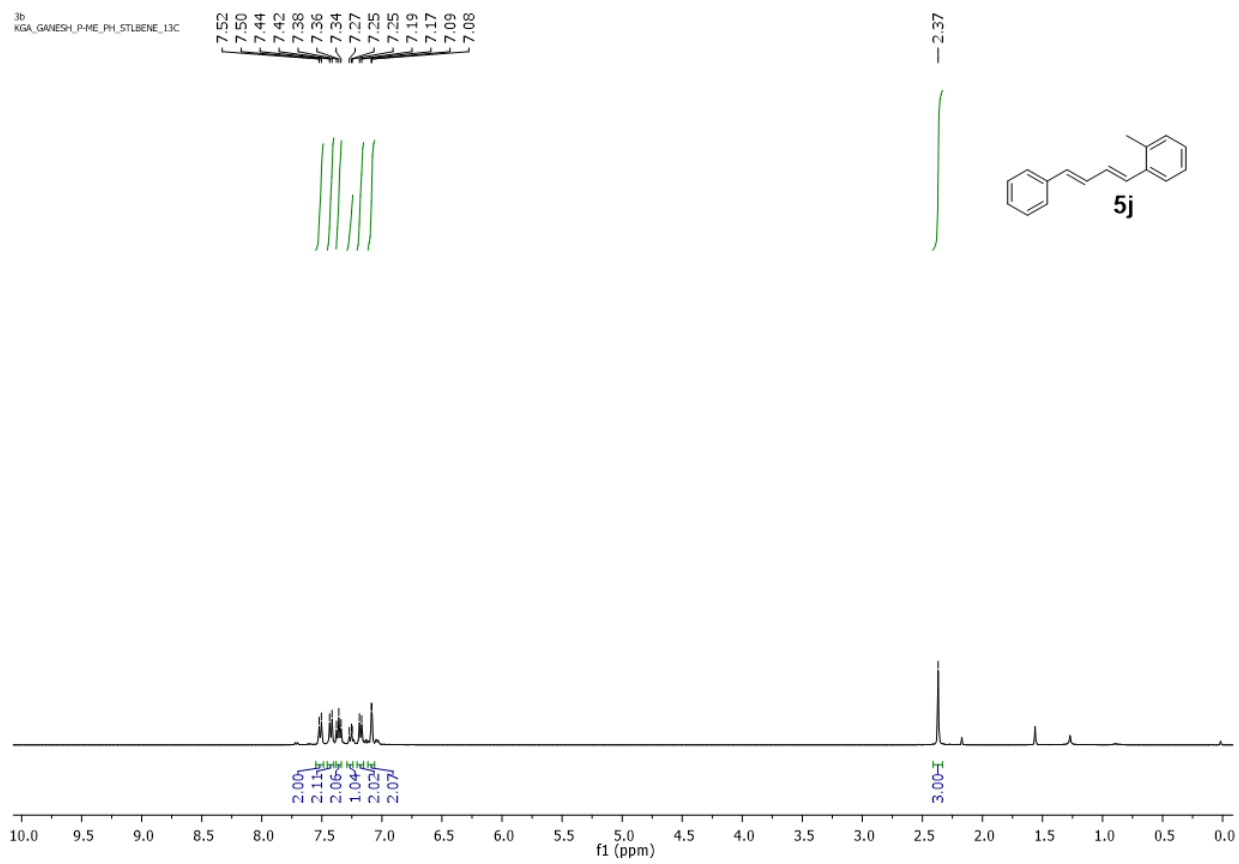
5i
KGA, GANESH, P-BR, ORTHO, METHIL, STILBEN



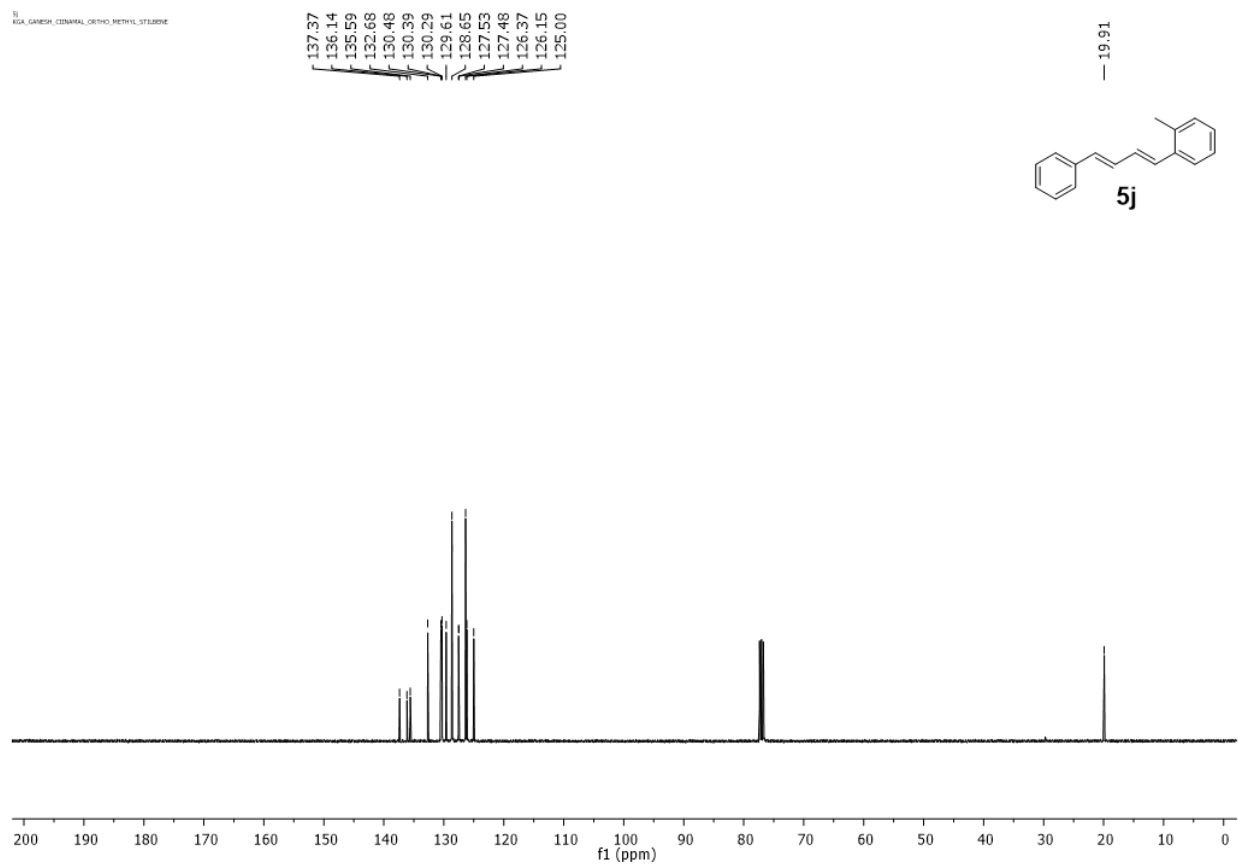
¹H spectrum of 5i

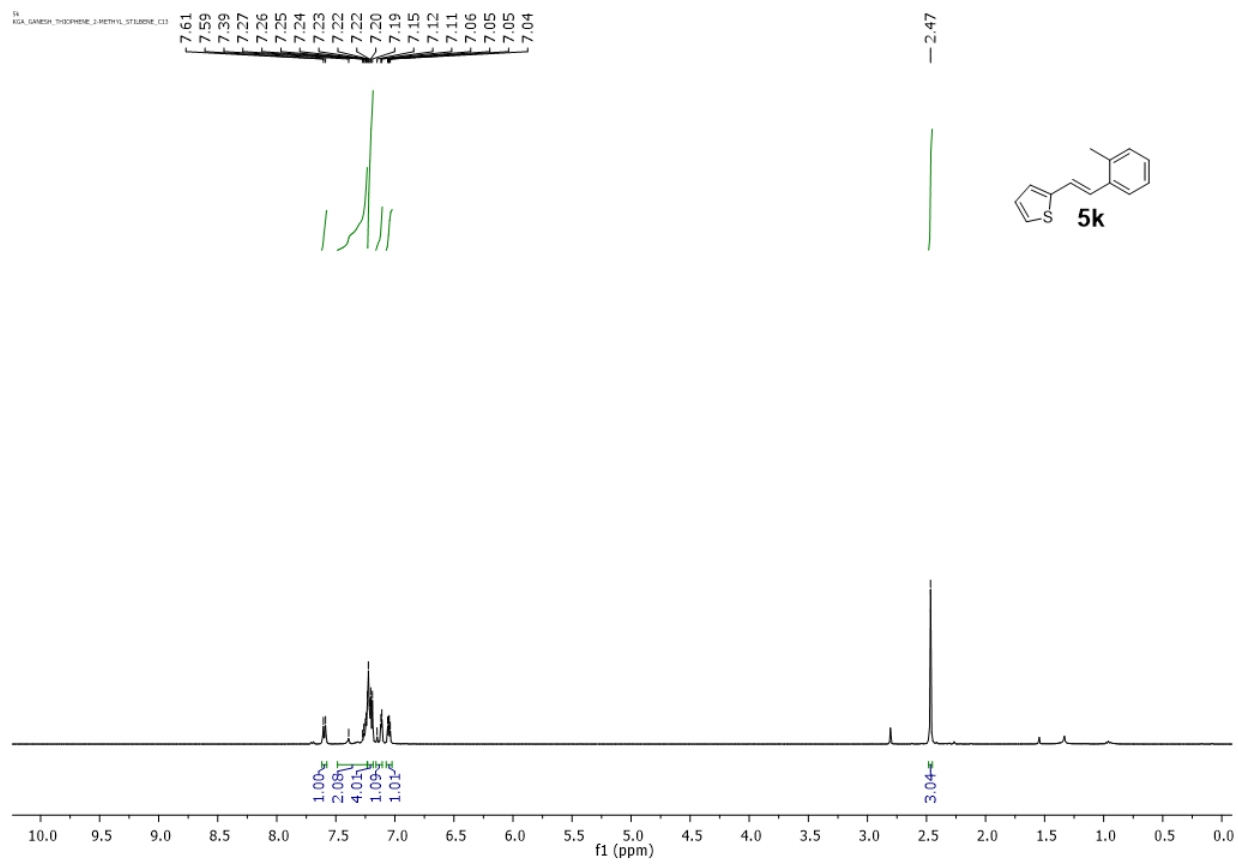


^{13}C spectrum of **5i**

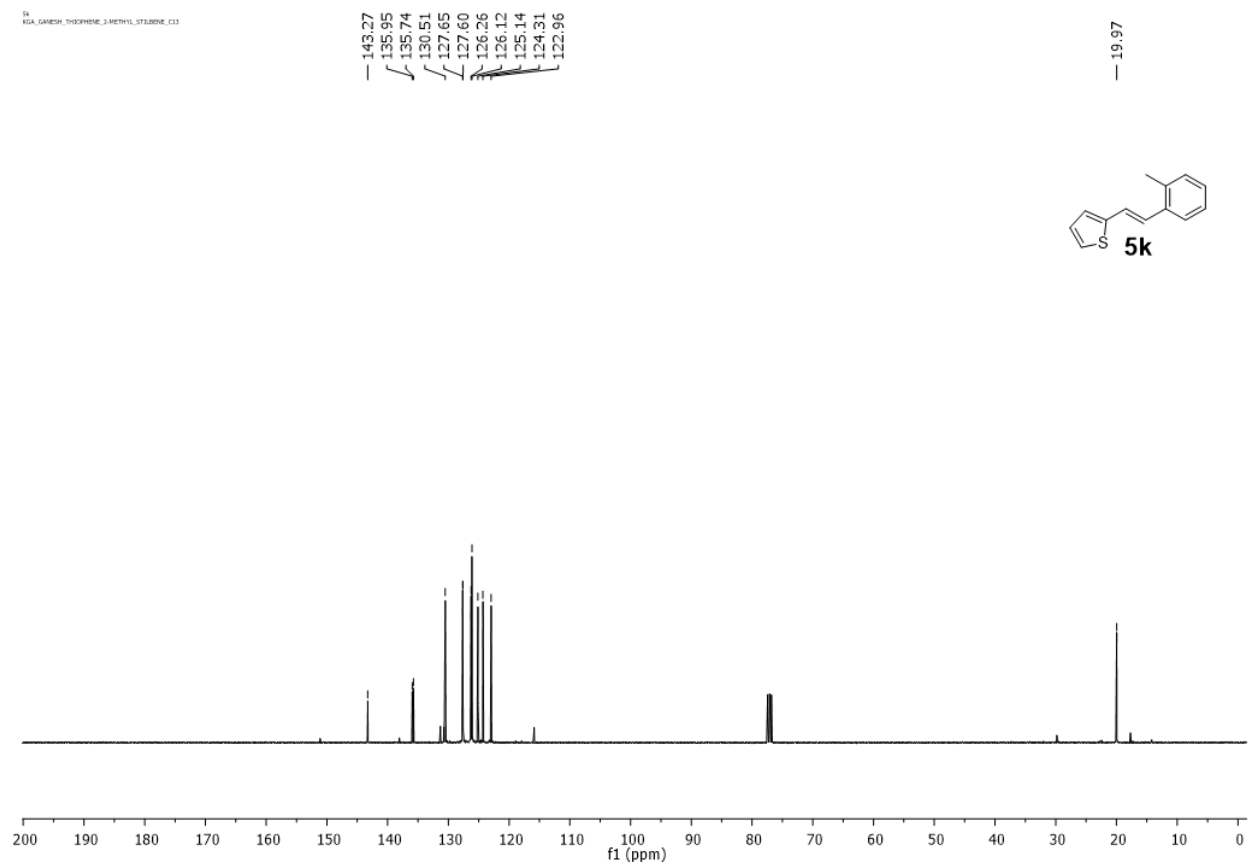


^1H spectrum of 5j

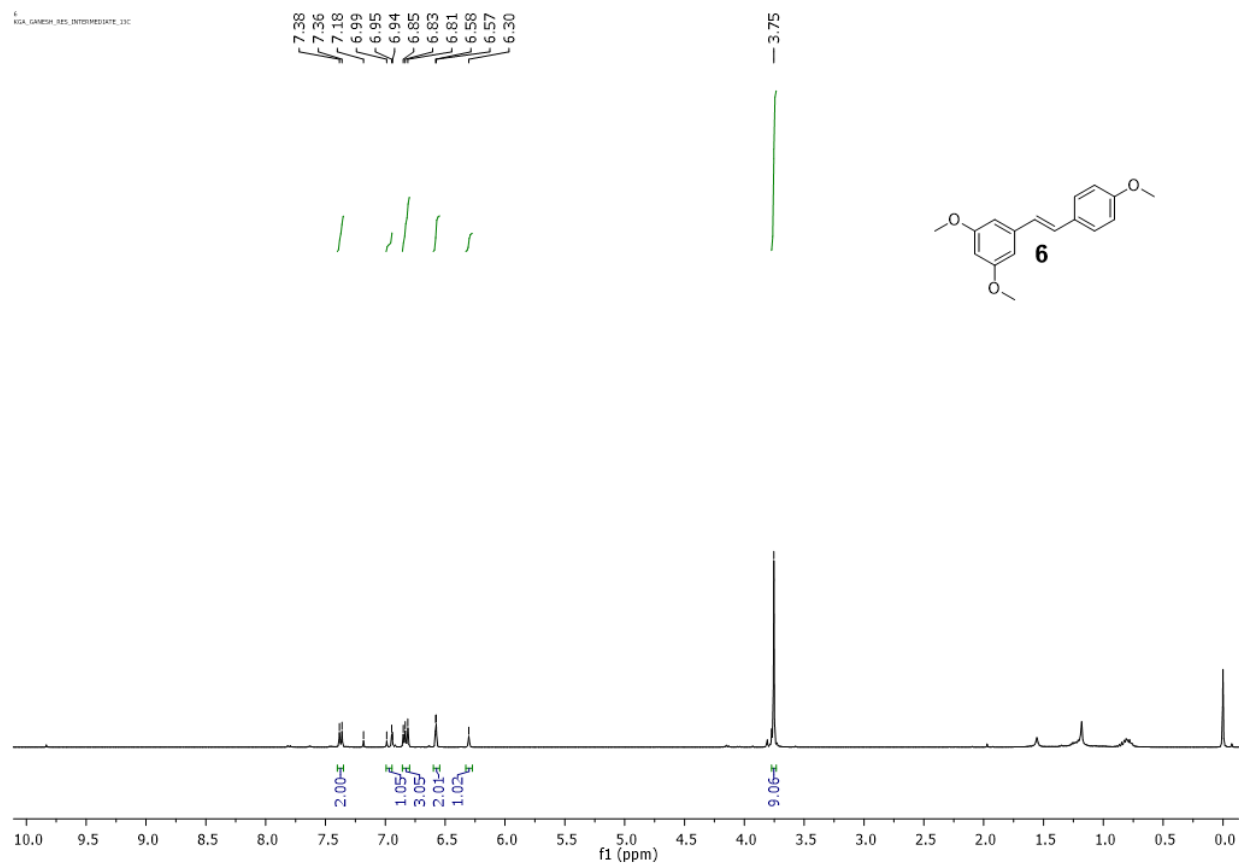




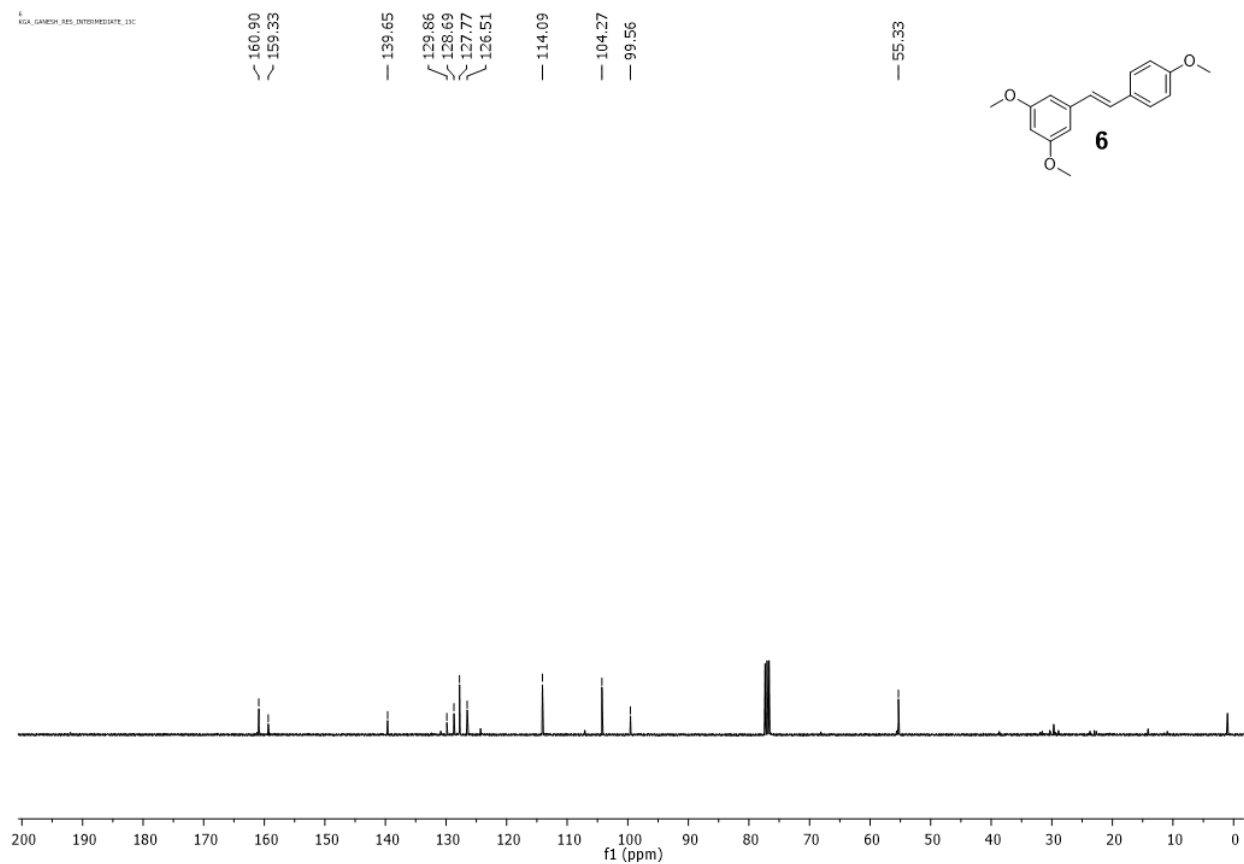
¹H spectrum of 5k

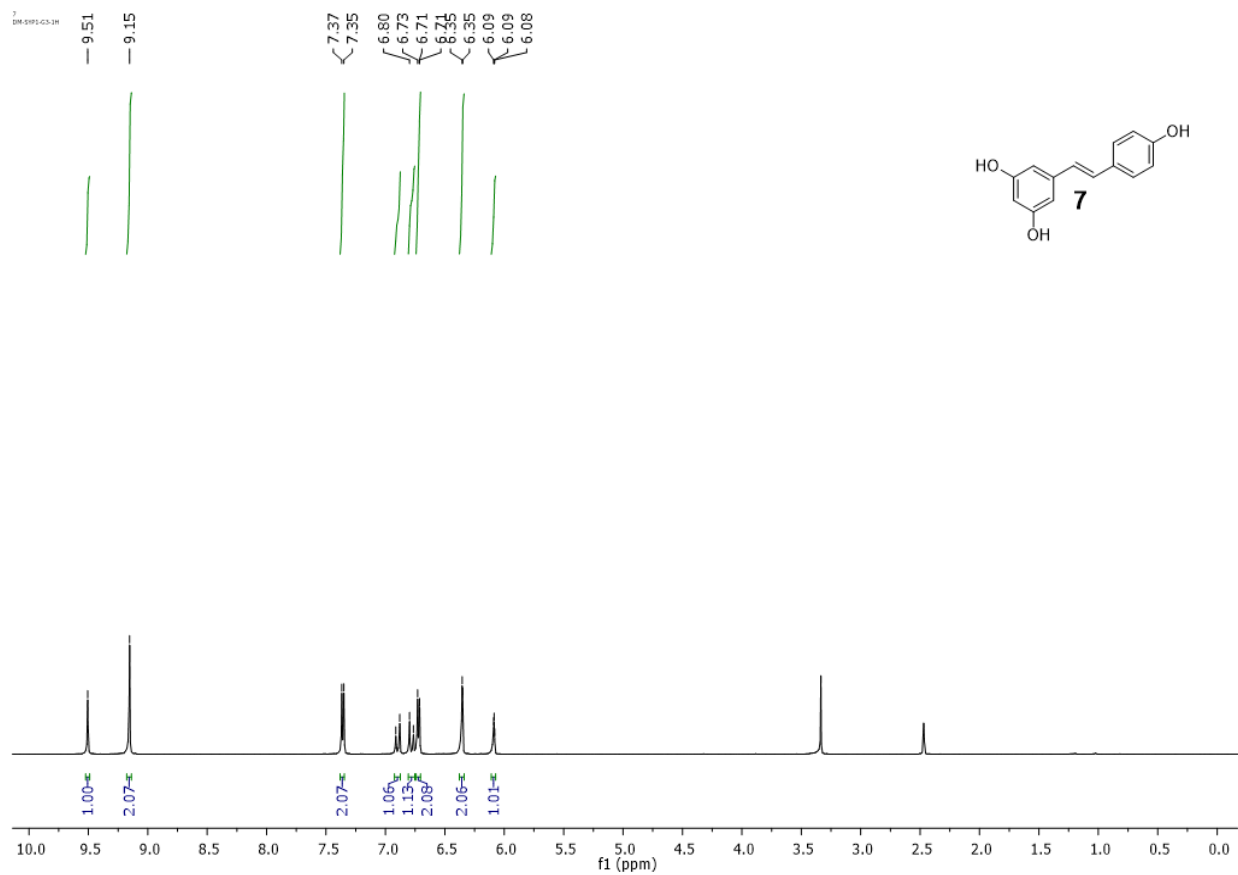


¹³C spectrum of 5k



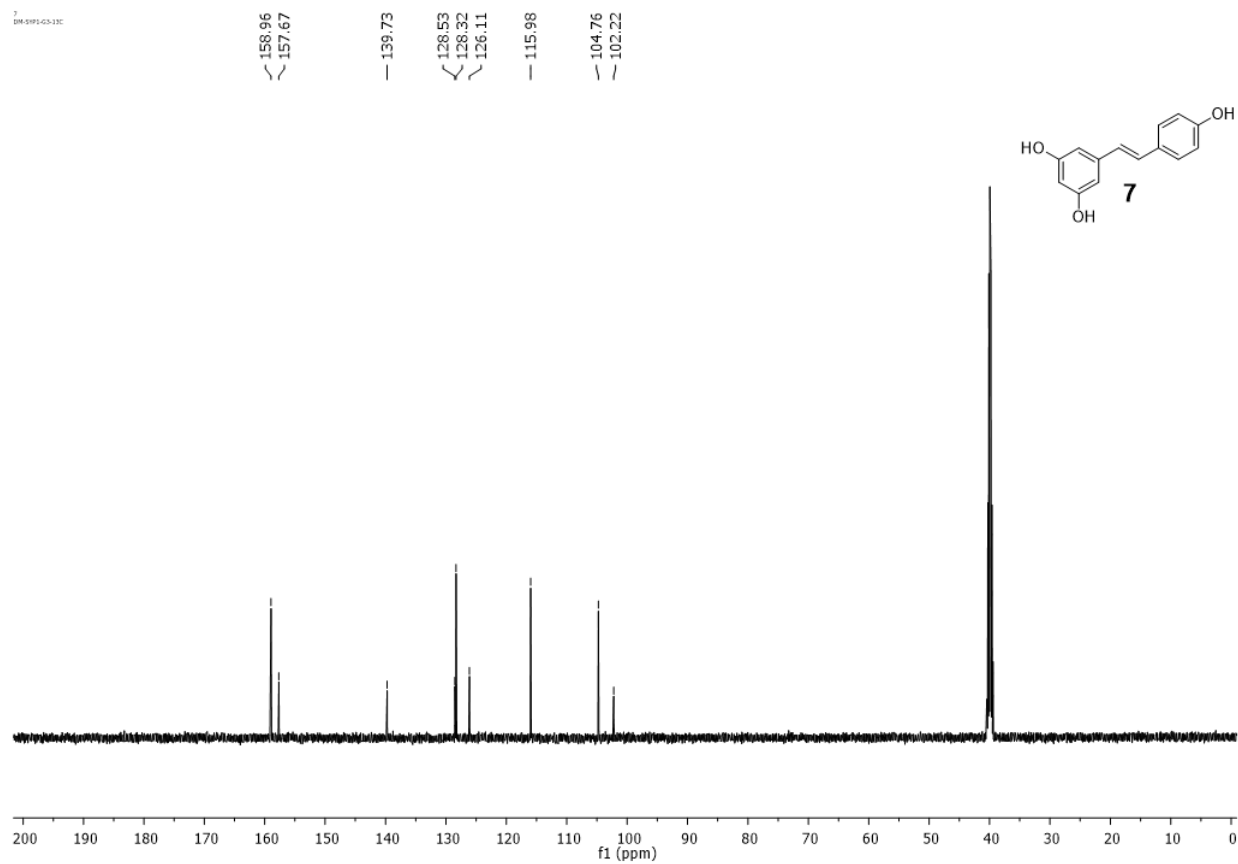
¹H spectrum of **6**





¹H spectrum of 7

7
DM-S1P1-G3-13C



^{13}C spectrum of 7

