Supporting Information

for

Design and synthesis of novel bis-annulated caged polycycles via ring-closing metathesis: pushpakenediol

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Copies of ^{1}H, ^{13}C NMR and HRMS spectra for all new compounds

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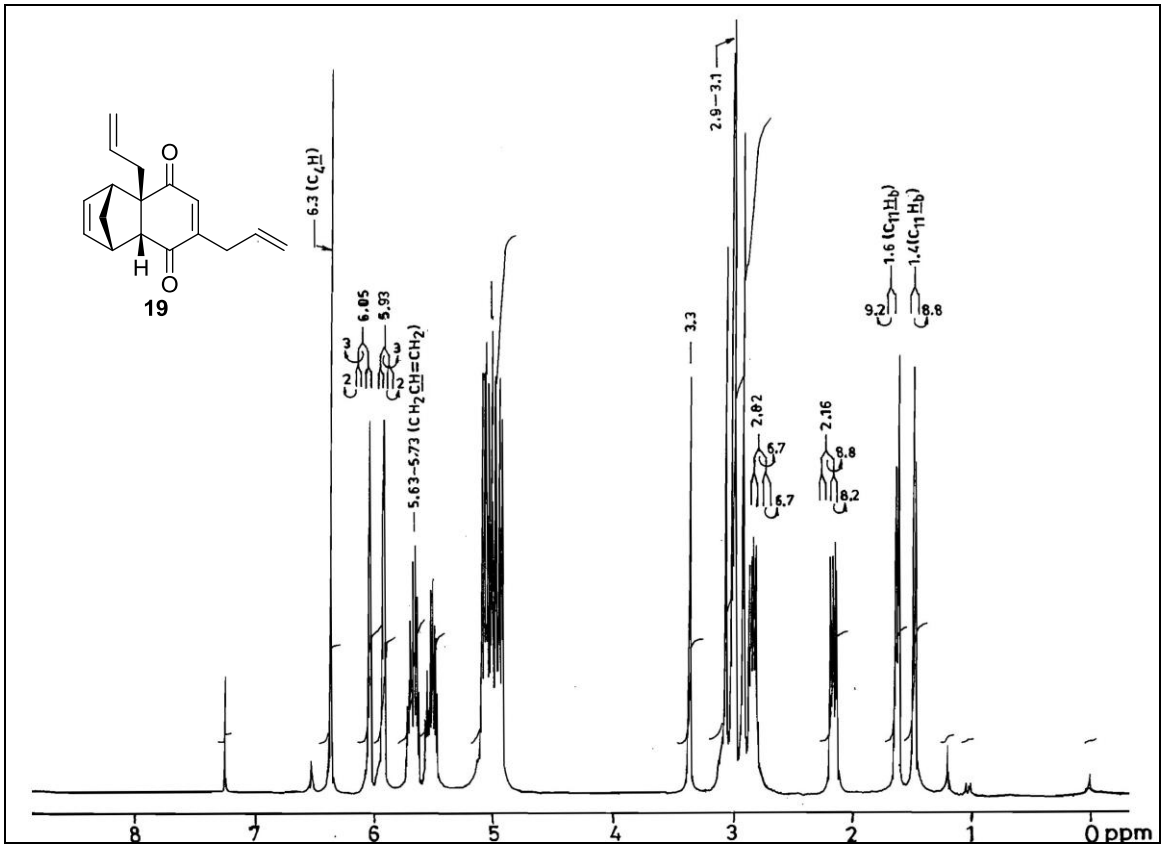
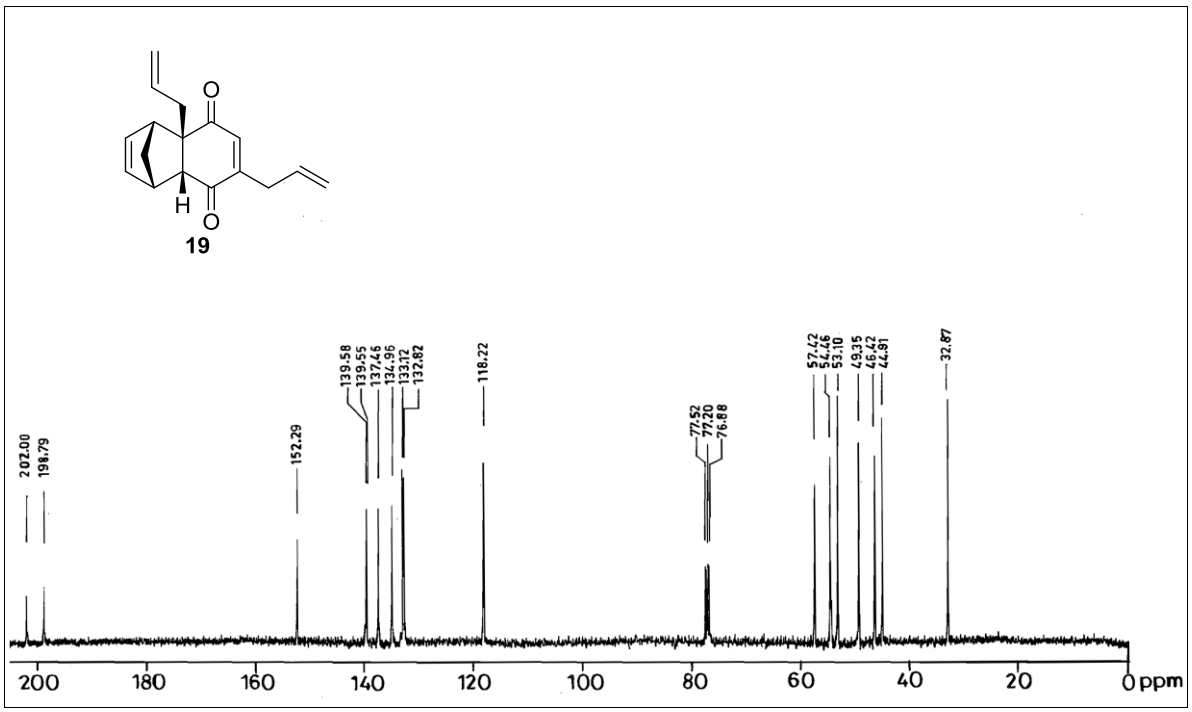
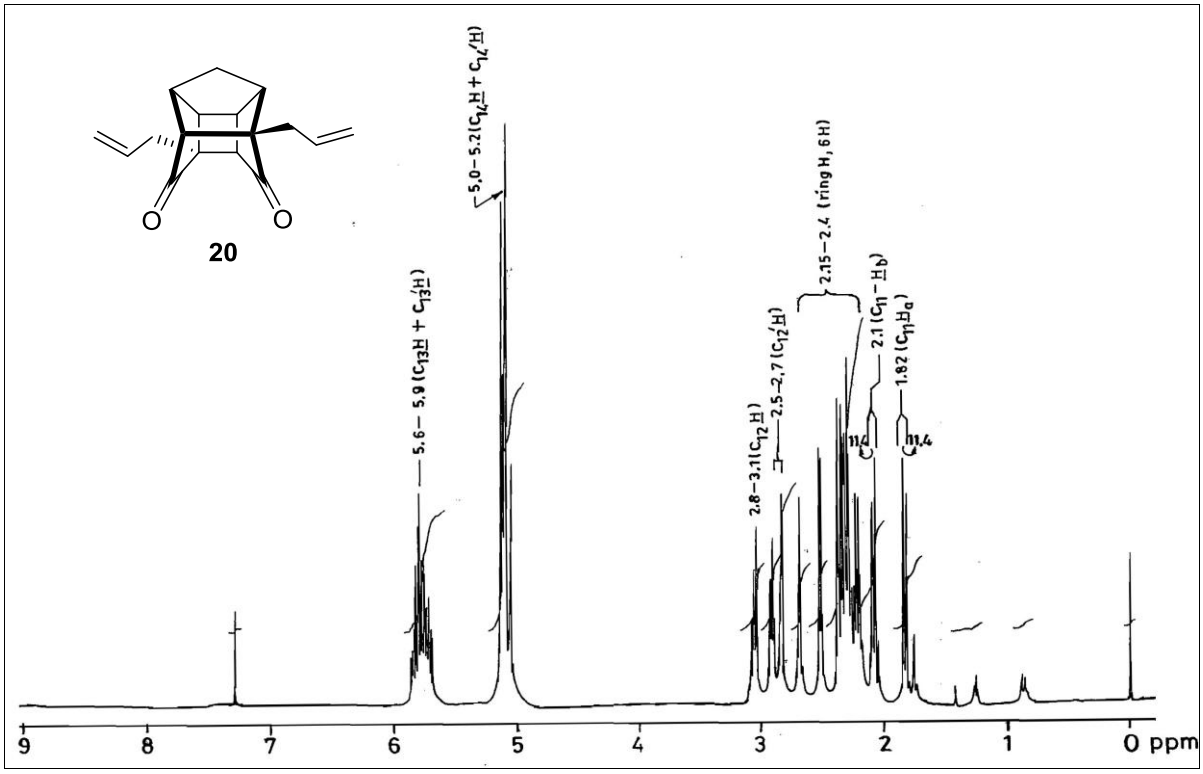
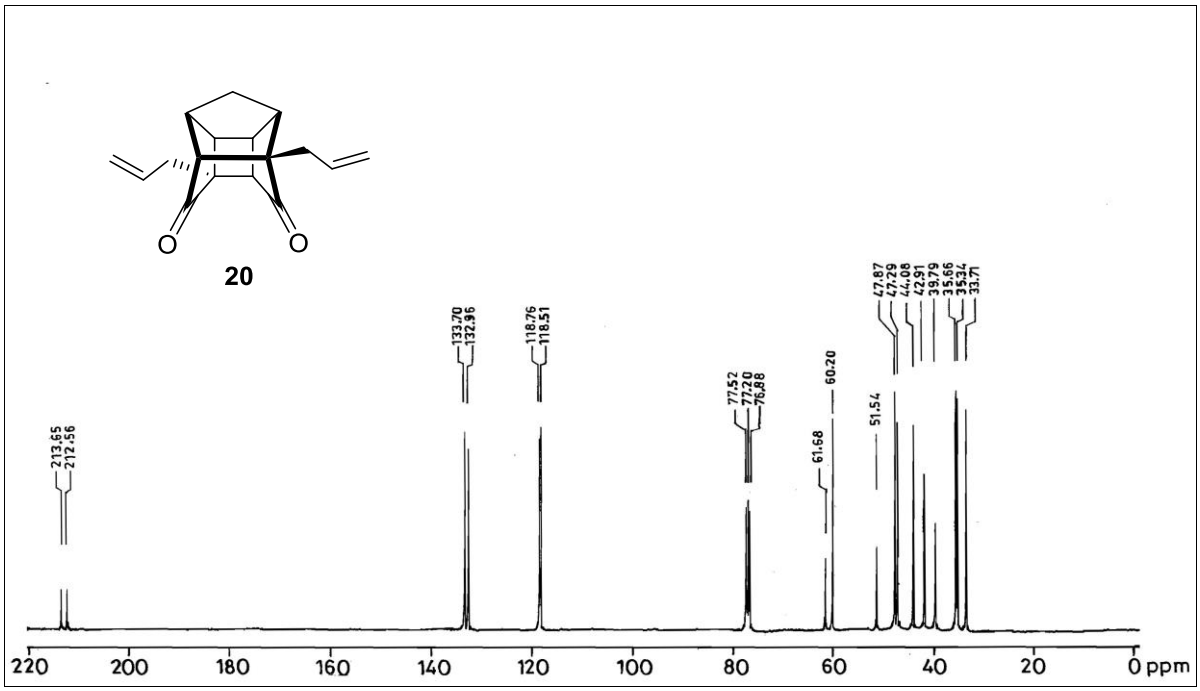
1. ^{1}H and ^{13}C NMR spectra of compound 19



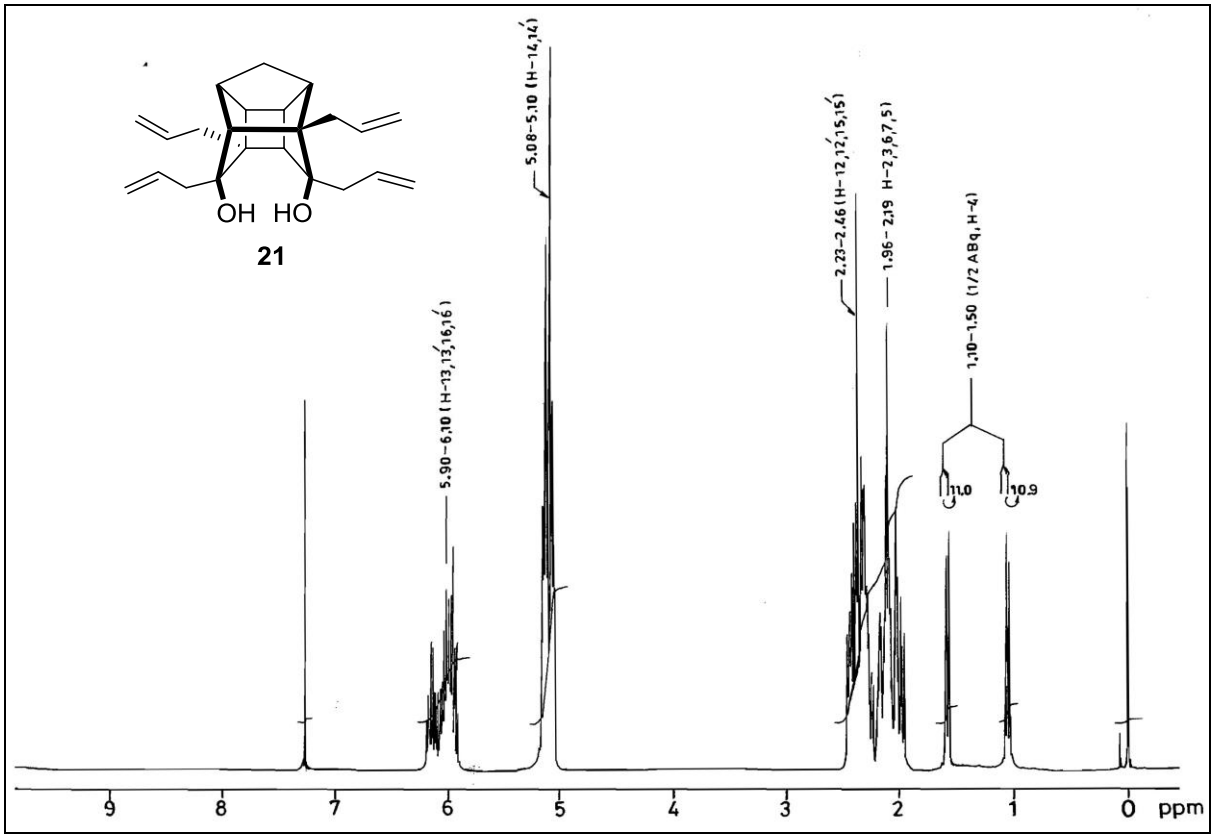


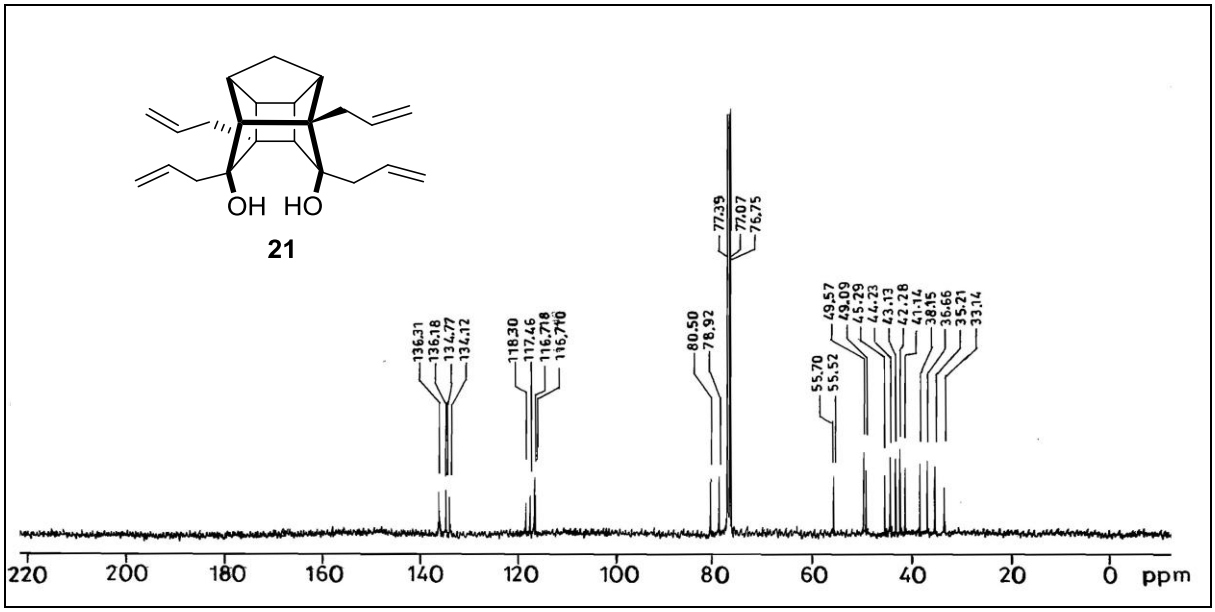
2. ^{1}H and ^{13}C NMR spectra of compound 20



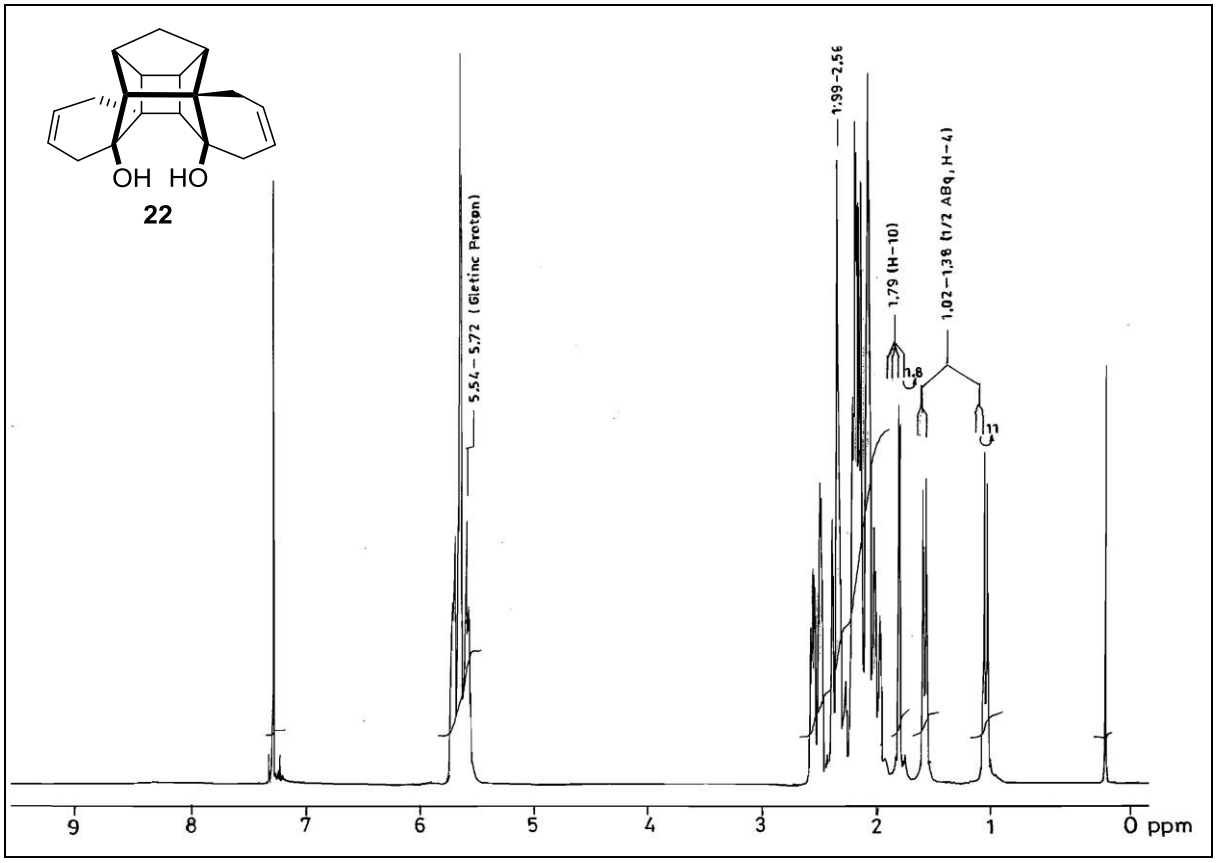


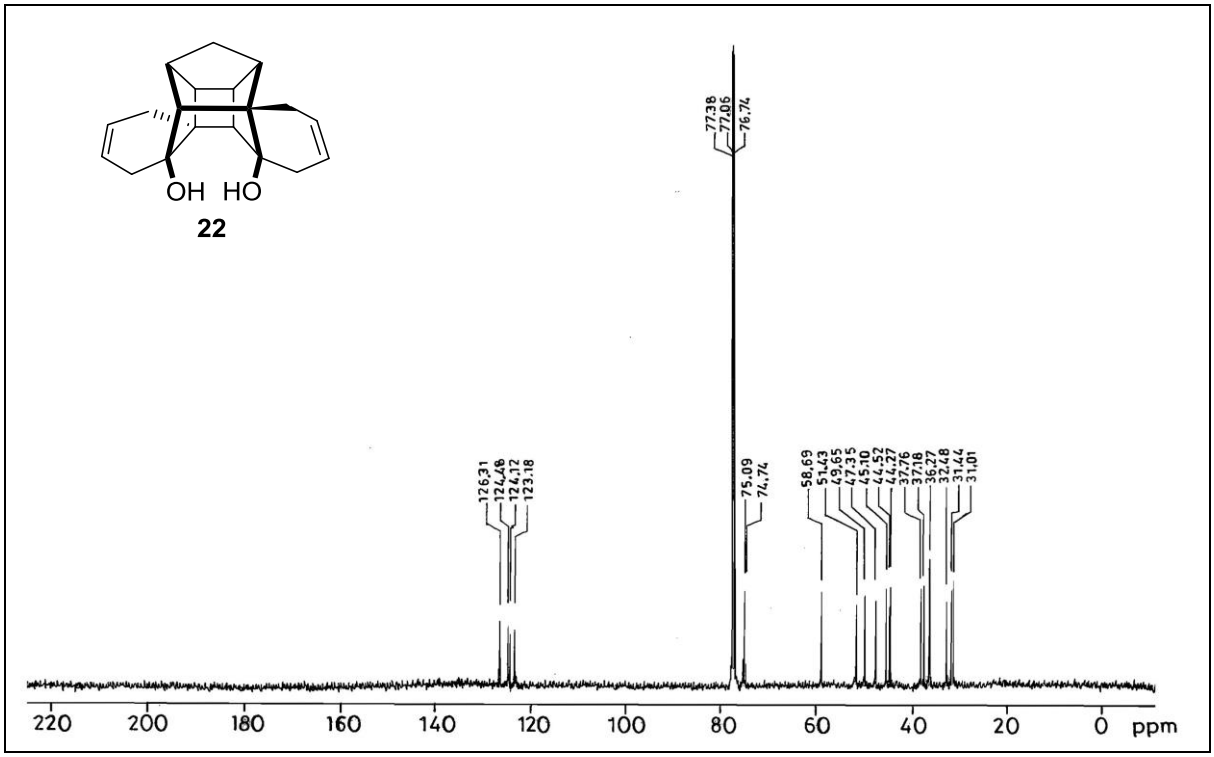
3. ^{1}H and ^{13}C NMR spectra of compound 21



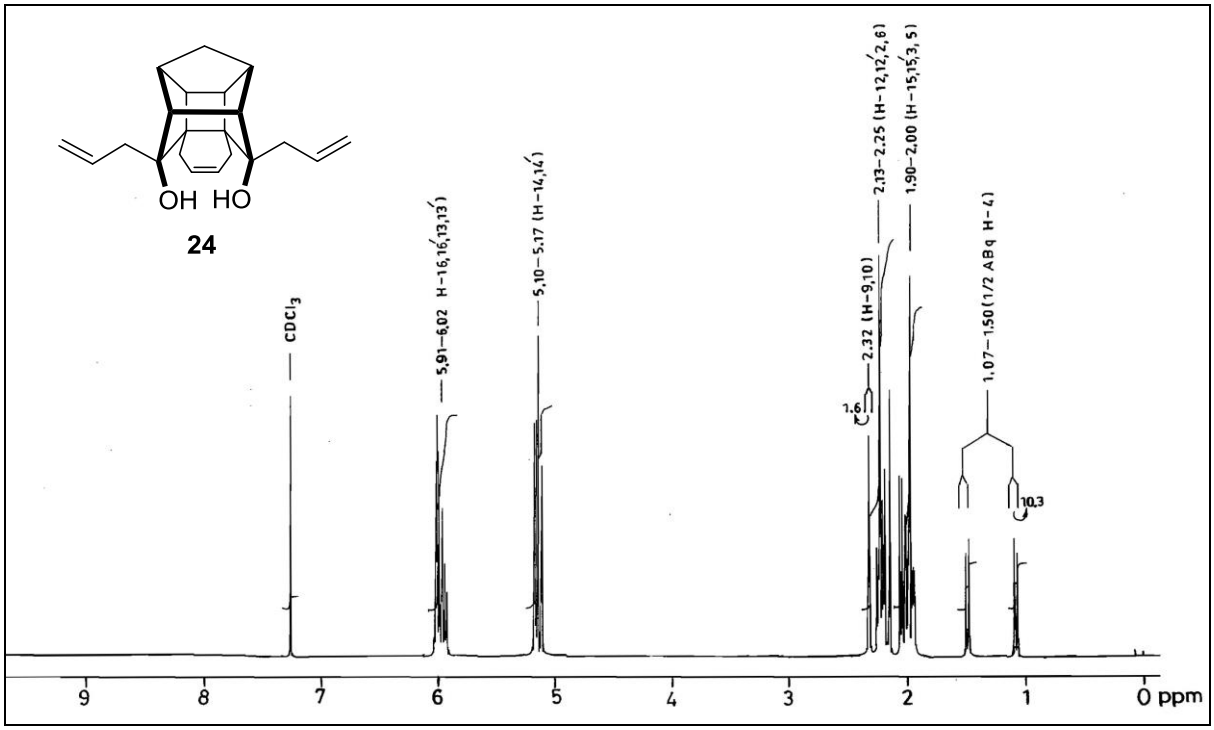


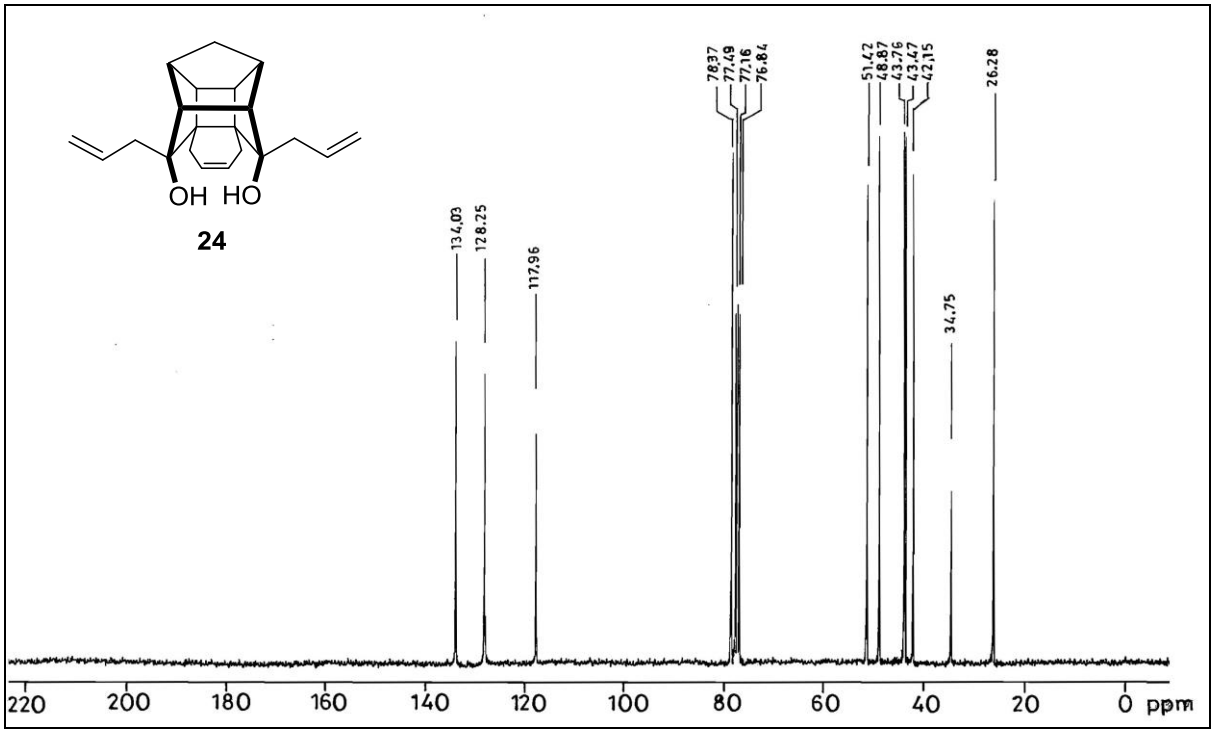
4. ^{1}H and ^{13}C NMR spectra of compound 22



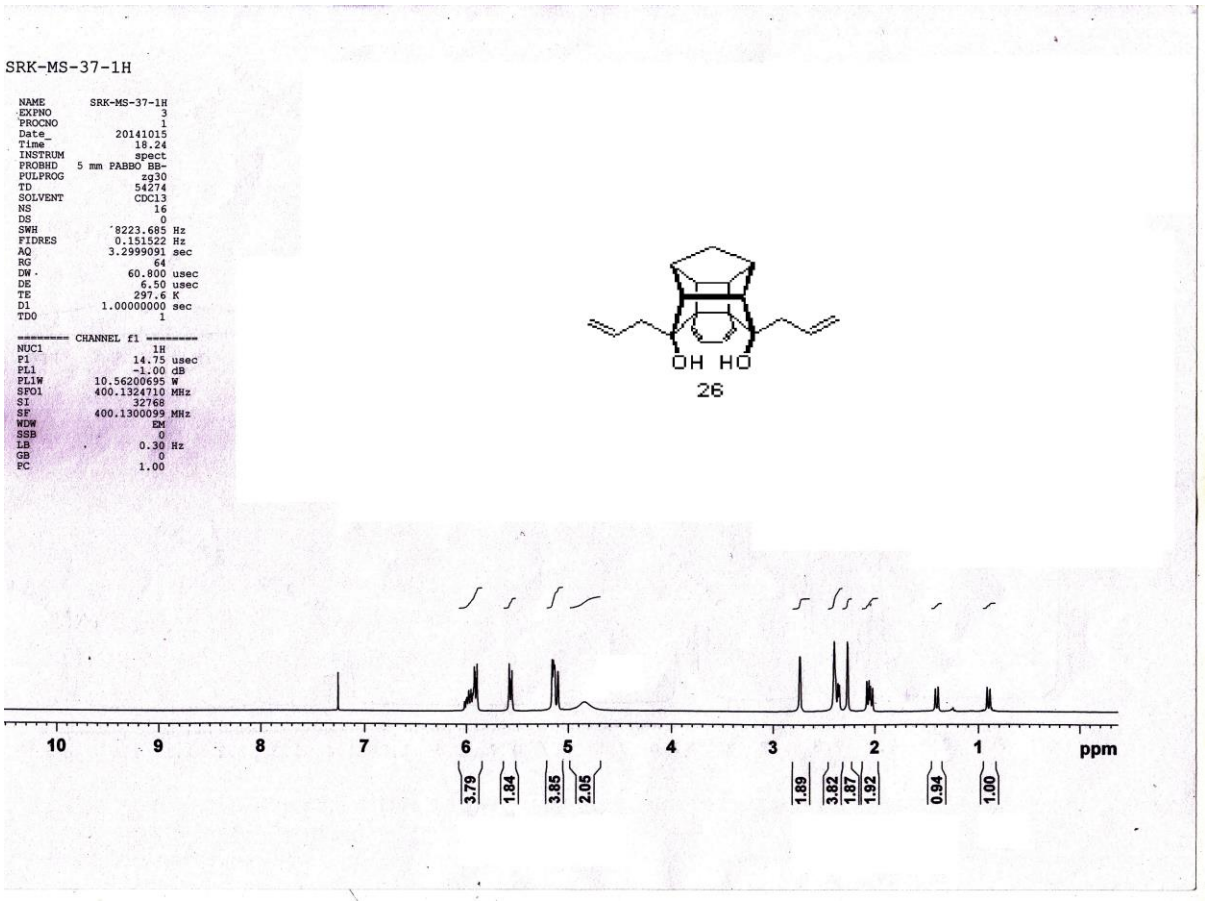


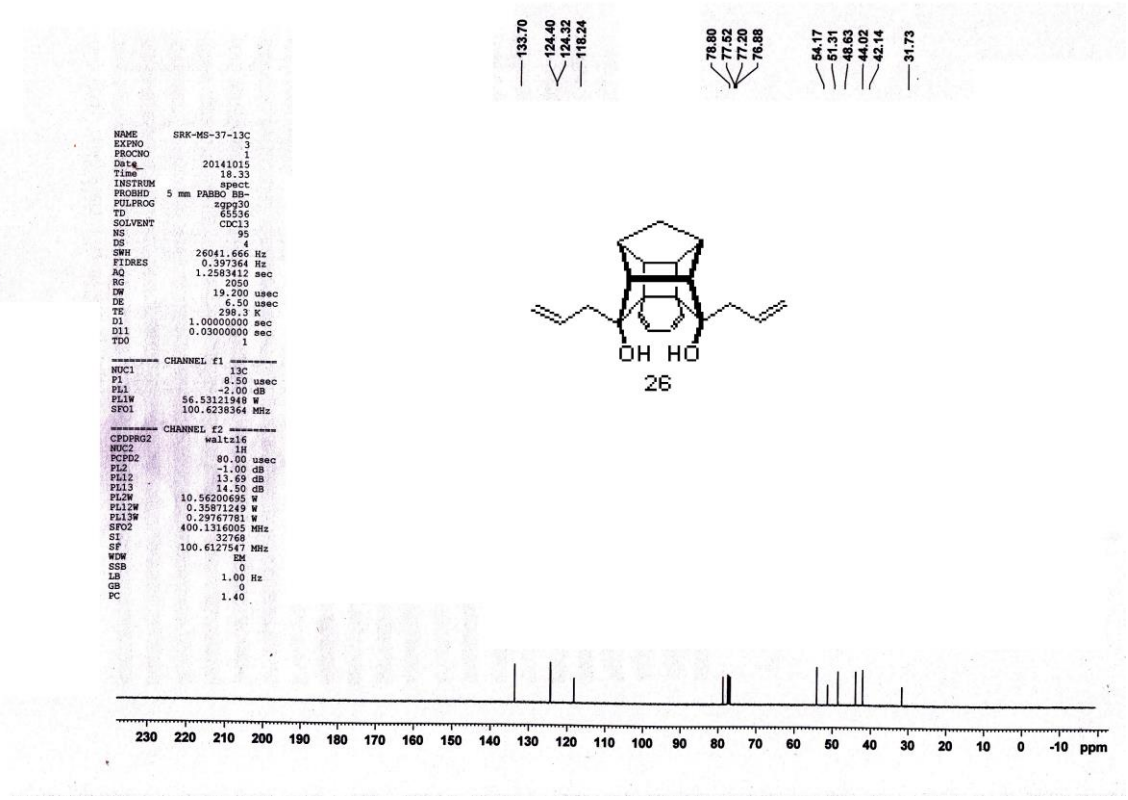
5. ^{1}H and ^{13}C NMR spectra of compound 24





6. ^{1}H and ^{13}C NMR spectra of compound 26

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124.40
124.32
118.24
78.80
77.52
77.20
76.88
64.17
51.31
48.63
44.02
42.14
31.73
NAME SRK-MS-37-13C
EXPNO 3
PROCNO 1
Date_ 20141015
Time 18.33
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 95
DS 4
SWH 26041.666 Hz
FIDRES 0.397364 Hz
AQ 1.2583412 sec
RG 2050
DW 19.200 usec
DE 6.50 usec
TE 298.3 K
D1 1.00000000 sec
D11 0.03000000 sec
TD0 1
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NUC1 13C
P1 8.50 usec
PL1 -2.00 dB
PL1W 56.53121948 W
SFO1 100.6238364 MHz
======== CHANNEL f2 ========
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 -1.00 dB
PL12 13.69 dB
PL13 14.50 dB
PL2W 10.56200695 W
PL12W 0.35871249 W
PL13W 0.29767781 W
SFO2 400.1316005 MHz
SI 32768
SF 100.6127547 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40
OH HO
26
230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 -10 ppm