

Supporting Information

Addition of Cl₂C: to (-)-*O*-Menthyl Acrylate Under Sonication-Phase Transfer Catalysis. Efficient Synthesis of (+)-(2-Chlorocyclopropyl)methanol.

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<i>Page</i>	<i>Content</i>
S2	¹ H NMR spectrum of 6a (400 MHz)
S3	¹³ C NMR spectrum of 6a (100 MHz)
S4	¹ H NMR spectrum of 6b (400 MHz)
S5	¹³ C NMR spectrum of 6b (100 MHz)

MA-product-crystallized

exptl std1h

SAMPLE DEC. & VT

date May 12 2004 dfrq 399.770
solvent CDCl3 dn H1
file /export/home/~ dpwr 30
chem219/vnmrSYS/da- dof 0
ta/ah.MAprduct.fi- dm nm
d dnm C
dmf 200

ACQUISITION

sfrq 399.770 dseq
tn H1 dres 1.0
at 3.744 homo n

PROCESSING

sw 6000.6 wfile ft
fb 3000 proc
bs 16 fn not used
tpwr 57 math f
pw 7.0
dl 0 weir
tof 0 wexp
nt 16 wbs
ct 16 wnt

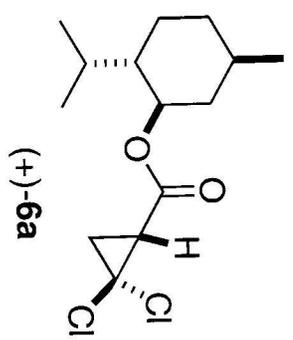
alock n
gain not used

FLAGS

l1 n
in n
dp y
hs nm

DISPLAY

sp -430.2
wp 3879.3
vs 119
sc 0
wc 250
haznm 15.52
is 618.64
rfl 3900.4
rfp 2902.3
th 22
ins 1.000
nm cdc ph



¹H NMR (400 MHz, CDCl₃)

MA-product, crystallized, 19.4mg, 05.12.2004

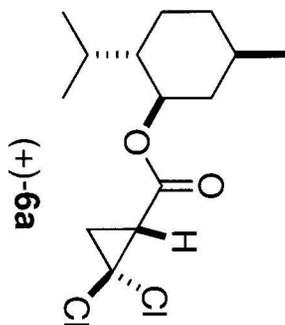
exptl std13c

SAMPLE DEC. & VT
date May 13 2004 dfrq 300.079
solvent CDCl3 dn H1
file /export/home/~ dpwr 40
molinski/vnmrSYS/d~ dof 0
ata/Cl3MAproduct.f~ dm YYY
id dnm w
w

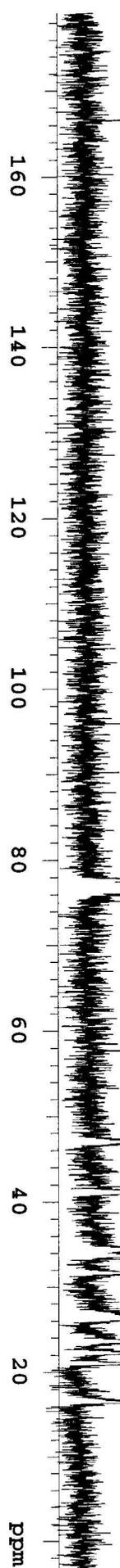
ACQUISITION dmf 7900
sfrq 75.462 PROCESSING
tn C13 1b 1.00
at 1.815 wfile
np 68106 proc ft
sw 18761.7 fa not used
fb 10400
bs 16 weerr
lpwr 57 wexp
pw 8.7 wbs
dl 0 wnt
tof 0
nt 2048
ct 1296
alock s
gain not used

FLAGS
il n
in n
dp y
DISPLAY

sp -311.8
wp 13830.5
vs 165
sc 0
wc 250
hzmm 55.32
is 500.00
rfl 7638.0
rfp 5822.1
th 20
ins 100.000
nm no pha



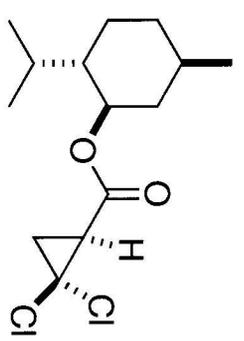
¹³C NMR (100 MHz, CDCl₃)



MA-product-olily

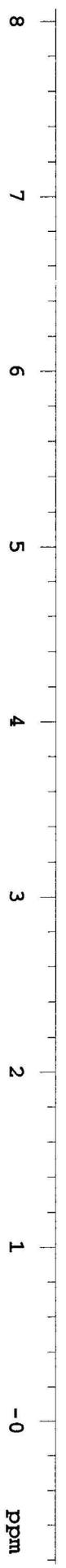
expl stdih

SAMPLE DEC. & VT
 date May 17 2004 dfrq 399.770
 solvent CDCl3 dn H1
 file exp dpr 30
 ACQUISITION dof 0
 sfrq 399.770 dm nm
 tn H1 dmm C
 at 3.744 dmf 200
 np 44932 dseq
 sw 6000.6 dres 1.0
 fb 3000 homo n
 bs 16 PROCESSING
 tpwr 63 wfile
 pw 7.0 proc ft
 dl 0 fn not used
 tof 0 math F
 nt 32
 ct 32 wevr
 alock n wexp
 gain not used wbs
 FLAGS wnt
 fl n
 ln n
 dp Y
 hs nm
 DISPLAY
 sp -328.2
 wp 3556.1
 vs 156
 sc 0
 wc 250
 hzmm 14.22
 is 500.00
 rfl 3900.7
 rfp 2902.3
 th 20
 ins 100.000
 nm cdc ph



(-)-6b

¹H NMR (400 MHz, CDCl₃)



MA-product-oily diastereomer

expl std13c

SAMPLE DEC. & VT
date May 21 2004 dfrq 300.079
solvent CDC13 dn H1
file exp dprw 40
ACQUISITION dof 0
sfrq 75.462 dm YYY
tn C13 dmm w
at 1.815 dmf 7900
np 68106 PROCESSING
sw 18761.7 lb 1.00
fb 10400 wf file
bs 16 proc ft
tpwr 57 fn not used
pw 8.7
dl 0 werr
tof 0 wexp
nt 1024 wbs
ct 368 wnt
alock s
gain not used
FLAGS
il n
in n
dp Y
DISPLAY
sp -1817.3
wp 18761.4
vs 115
sc 0
wc 250
hazmm 75.05
ls 500.00
rfl 7639.7
rfp 5822.1
th 8
ins 100.000
nm no ph

