

Carnegie
Merch Index
#1896
viscous oil
H₂O ex distn
mp 207
anh. 221

3.36 g NMe quat DMMM-2 + I⁻ into
100 ml H₂O - add

just > 10 wt % H₂O (~~at~~ molar quantity) and add
1 g NaBHTa a bit at a time.

quat in water cloudy. add ~12 ml H₂O - still cloudy &
no color at all! pH red. add 100mg globs of NaBHTa -
no exotherm ~ 1/3 of BHTa⁻ added now green, squirt x4
N H₂O → red - alternate 100mg BHTa⁻ + squirt H₂O always
letting the pH dictate which next. 1/2 way through -
totally clear org - soln - & no trace of color - add rest of
NaBHTa + acid to leave the pH red. - xht 2 x 50 ml
CH₂Cl₂ (let evaporate) H₂O to blue in 5 ml NaOH. xht 2 x 75 ml
CH₂Cl₂ - no emulsifier - clean - fresh → 1.56 g
pale yellow
oil.

50µ.

KR. 115-125°/50µ

100 m
115° burning
125° done
white distillate
clean pot.

1.56 g
20SA save small sample GCMS, see page 204

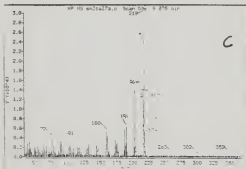
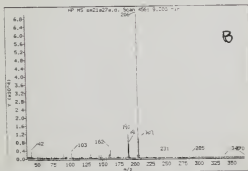
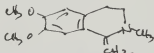
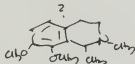
rest into beaker in 8 ml IPA. + some H₂O 21 drops not enough,
24, more than enough - then - white xtabs start to form - in 2
min very thick - dilute in 5 ml ~~IPA~~ - filter - wash in
~~IPA~~ - acetone (sparingly) acetone → 1.94 dry w/p IR



1.78 really
dry.
NOVA *

or some - such
MW 219

1.94 dry
H₂O



DMMM-4
minus
2
Hydrogens