

tryptamine  $\xrightarrow{iPrI}$  ?

87

1.6g Tryptamine base, into 20 mL hot IPA -  $\nabla$  RT, add

5.5 mL diisopropylamine <sup>ethyl.</sup> add

3.0 mL (5.1g)  $iPrI$ . (30 mm). stir RT.

~~± 2.0 mL~~

add 1.5 mL more base Friday evening.

strip on Sunday evening  $\rightarrow$  3.28 g medium brown oil

add 5 mL Ac2O. 5 min  $\Delta$  to RT.

add 3-5 mL conc  $NH_4OH$ .  $\rightarrow$  hot - let come to RT.

AM - still acid !!? - add grab  $NH_4OH$  - let stand

next day - partition 0.5 N  $H_2SO_4$  (no, stronger!)

vs.  $3 \times 40$  mL  $CH_2Cl_2$

extract ~~pool~~ pooled  $CH_2Cl_2$   $\dot{c}$   $H_2SO_4$  vs  $3 \times CH_2Cl_2$   
40 mL

$\swarrow$  ag. pool

base  $\dot{c}$  ~~NaOH~~ NaOH  
25%

xht  $3 \times 40$  mL  $CH_2Cl_2$  - flash  $\rightarrow$  0.20 g ugh.

KR: 170-185% / 0.05  $\rightarrow$  a couple of droplets of white oil slow etals! OUT

