



Identical to  $\leftarrow$  to "here"

deep tomato color 30 min  
+  
15 min  
 deeper than 14

"here" make a mix 2.1g <sup>me</sup> pyrrolidine & 2.1 ml  $\text{N}_2$  - stir  
 well - add deep tomato xtals a bit at a time  
 pasty again - add 10 ml water first - then some  
 I  $\text{N}_2$  HCl - some solids - much gum. - filter all  
 out (solids, gum) grind under 3 + 1 ml MeOH -  
 filter  $\rightarrow$  creamy solids - grown up particulate -  
 no clear crystals - save for up.  
 into 2 ~~ways~~ (2 1/2 ml) MeOH -  $\Delta$  SB  $\rightarrow$  soln -  
 $\Delta$  to  $\Delta$   $\rightarrow$  white xtals. filter -  
 .36 g product.

.39 wet  
 .82 ex  
 MeOH  
 .48 wet  
 reftal.

Brownish product 0.16g. xtal a bit firm MeOH - not good  
 loose gives olive  
 gum sets up solid 0.15g ugh. colored solid,  
 grind brown to 115A.  
 olive green solid (not very) OUT all.

Repeat - drop innovations same scale 1.25 indole (15 ml TOME) 1.1g  
 oxalyl chloride (15 ml) - dropping over 20 min - 10 min stir - normal  
 not dark tomato solids. filter <sup>wash</sup> & brief air dry - add dab by dab to  
 2.0 ml neat pyrrolidine. This time rubbed all the coc into ~~the~~  
 the banic mark - all finally decolorizes to cream color - and  
 it sets up to a sorta solid (15 min of rub - keep homo-  
 genous  $\rightarrow$  good pastiness - add 20 ml 1.  $\text{N}_2$  HCl  $\rightarrow$  nice  
 solids - rub the chunkies  $\hat{c}$  a spatula until all fine