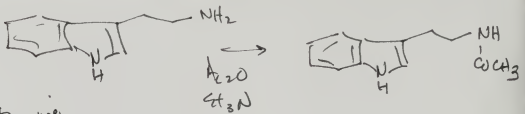


52 Attempt:



tryptamine

16.0g ~~tryptamine~~ (MW 160) 0.1M - add.

25g Et<sub>3</sub>N (MW 101) 0.25M - > (100% xs), add squirtwise

11.2g Ac<sub>2</sub>O (10% xs). very vis - gets hot - stir until exotherm done - onto Sp or T

AM - 2 phases on SB. strip down to a thick, gummy sludge - stand a few days - add ~50 ml CH<sub>2</sub>Cl<sub>2</sub> - very slow to go into solution - then clear solution - add more CH<sub>2</sub>Cl<sub>2</sub> - add 100 ml H<sub>2</sub>O, HCl → pH acid.

Separate - extract aq. = 2x50 ml more CH<sub>2</sub>Cl<sub>2</sub> - wash CH<sub>2</sub>Cl<sub>2</sub> phase 1x ~1/4 sat NaHCO<sub>3</sub> - very blue pH paper - separate - strip → 12.57g dark viscous oil - to KR

Vac slowly from 0.5 - 0.4 - 0.2 - 0.1 mm. distil.

185-200°/0.1 mm/Hg. about 9/10 over - residue looks infinitely sticky. Oil is viscous amber. looks good.

↳ 9.45 very vis. oil - amber.

13.30 tare.  
22.67  
9.37

flame out → 9.37. external play → white xhals  
 grass  
 no - is fused solid.  
 hexane → solids  
 Et<sub>3</sub>N → nice xhals

mp 70-73  
 mp 71-7  
 73-74