

82

Tryptophan \rightarrow tryptamine

(See) JCS 3993 (1965) ; Bull. Chem. Soc. Japan 11 121 (1936)

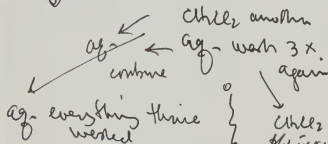
2g dl-tryptophan, into

100g ϕ_{20} - under H_2 - Δ mantle to boil (250°) signs of decarboxylation earlier - 9:00 PM at reflux - all gas totally clear. Pale yellow solution.
Let cool - darkens to amber.

9:00
clock
start

\rightarrow here from 83B.

ag ~~wash~~ wash 3x chillz



ag everything three washed

+ 250g NaOH \rightarrow blue

3x 40 ml ethyl ether

Slurm \rightarrow .96g brown oil

KR 146-156 / 0.80 \rightarrow 0.91g white oil (83B-3)

separate flask \rightarrow viscous brown oil

(83B2)

to HCl salt (5x IPA, acetone, other) \rightarrow .88g salt up for spill \rightarrow 1.6g!

mp 174-176 °C