

Try!



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Initially - 5g 5-HT·H<sub>2</sub>O to free base, alkylate, O-sulfate - There you are!



5.16g serotonin. H<sub>2</sub>O into ~ 50 ml H<sub>2</sub>O soluble - make basic  $\bar{c}$  sat NaHCO<sub>3</sub> - xht  $\bar{c}$  3x 50 ml CH<sub>2</sub>Cl<sub>2</sub> → nothing! pH back to neutral - CH<sub>2</sub>Cl<sub>2</sub> - nothing!

gum + Me<sub>2</sub>O (A)

Add a bunch of NH<sub>4</sub>OH - exhaust  $\bar{c}$  CH<sub>2</sub>Cl<sub>2</sub> → something. + a glob of brown gum in sep funnel. - wash  $\bar{c}$  CH<sub>2</sub>Cl<sub>2</sub>.

Add 10 ml MeOH - soluble! - flesh → 0.4 g puffy film

4 g Sulfolane - largely dissolves  $\bar{c}$  A.

1.3 g di isobutyl-ethylamine

1.6 g isopropyl iodide. (last of it, reorder)

A SB  $\bar{c}$  occasional swirling. 3 hrs.

Sample removed - Ac>D (B) → separate for GCMS

Rest + ~~2~~<sup>3.7g</sup> 25% NaOH

~~2~~ Et Br - stir ON.

5g a few minutes on SB - stand ON.

both sample (A) and sample (B) pretty much unrecognizable See next page