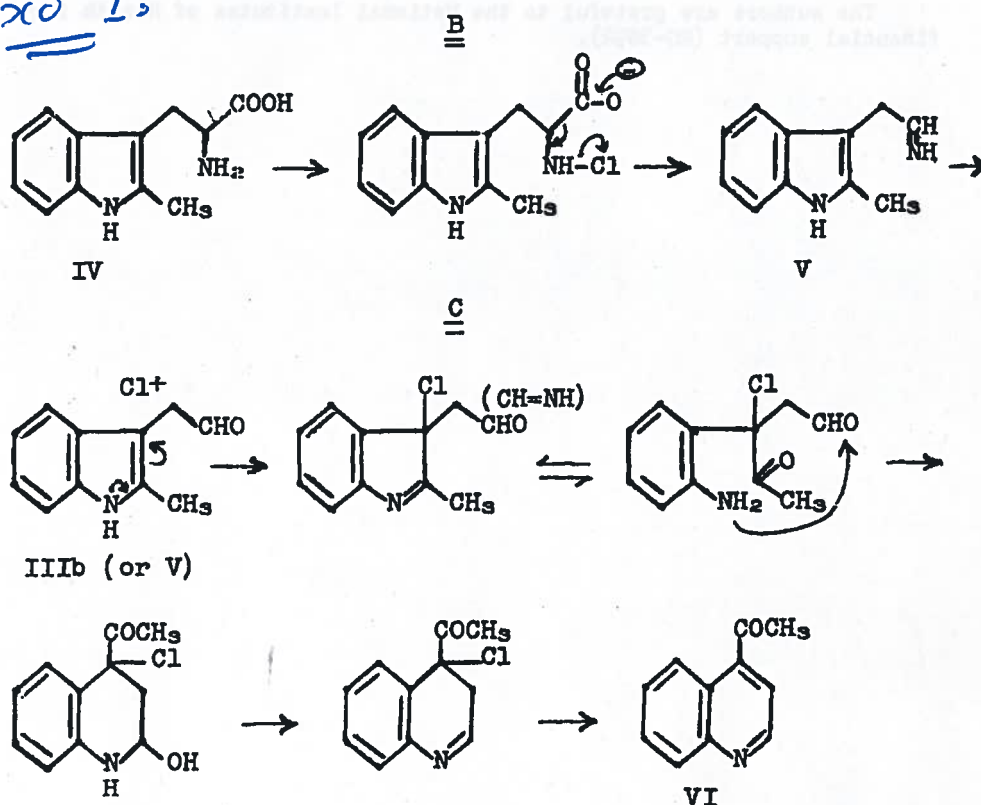


and the method brought to mind the possibility of carrying out, with this same reagent, not only conversion (B), but the sequence (C) as well, a close parallel to the biosynthetic speculation (A). Accordingly, 2-methyltryptophan was warmed (50°) for a short time with two equivalents of alkaline

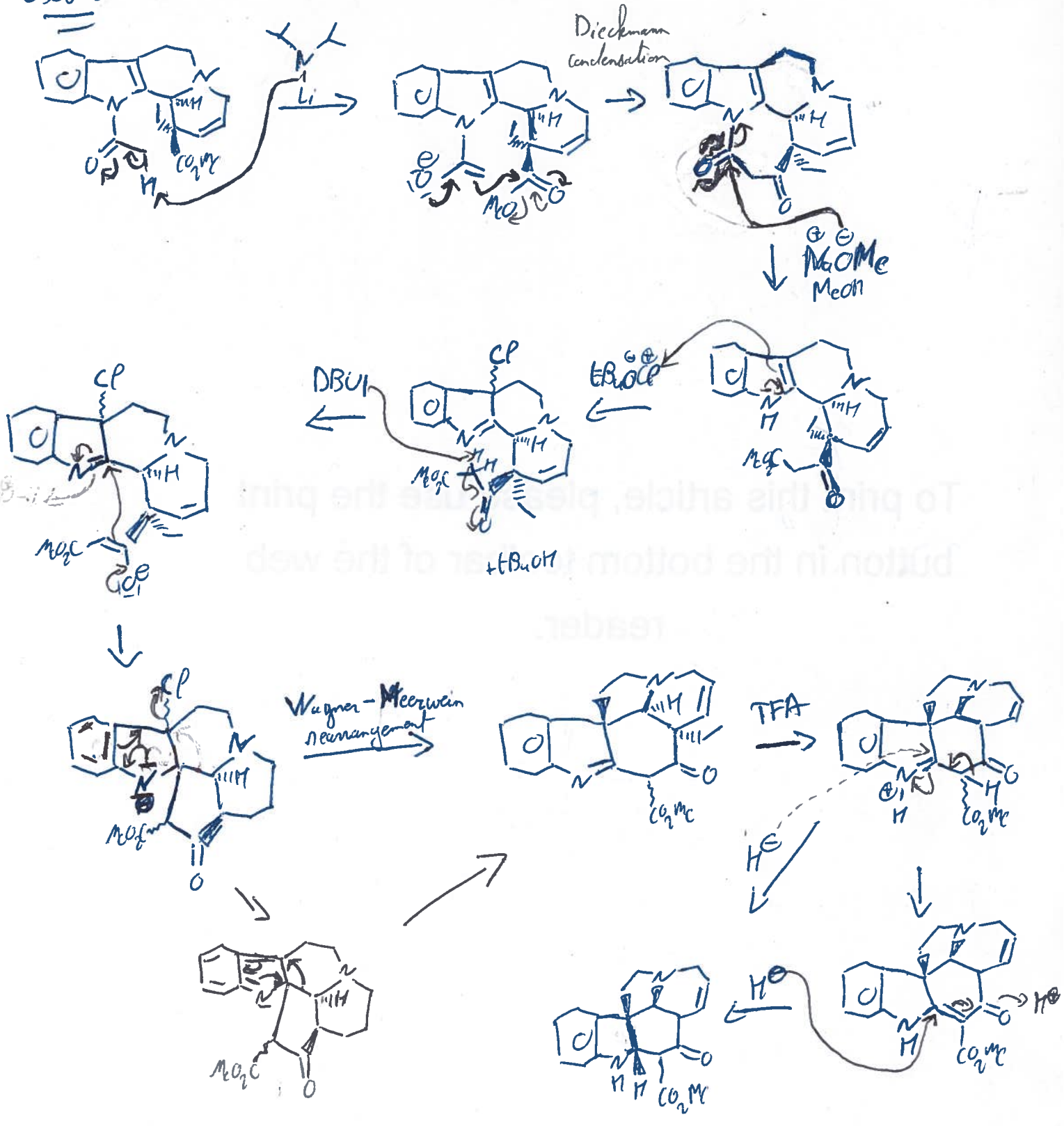
Exo 1:



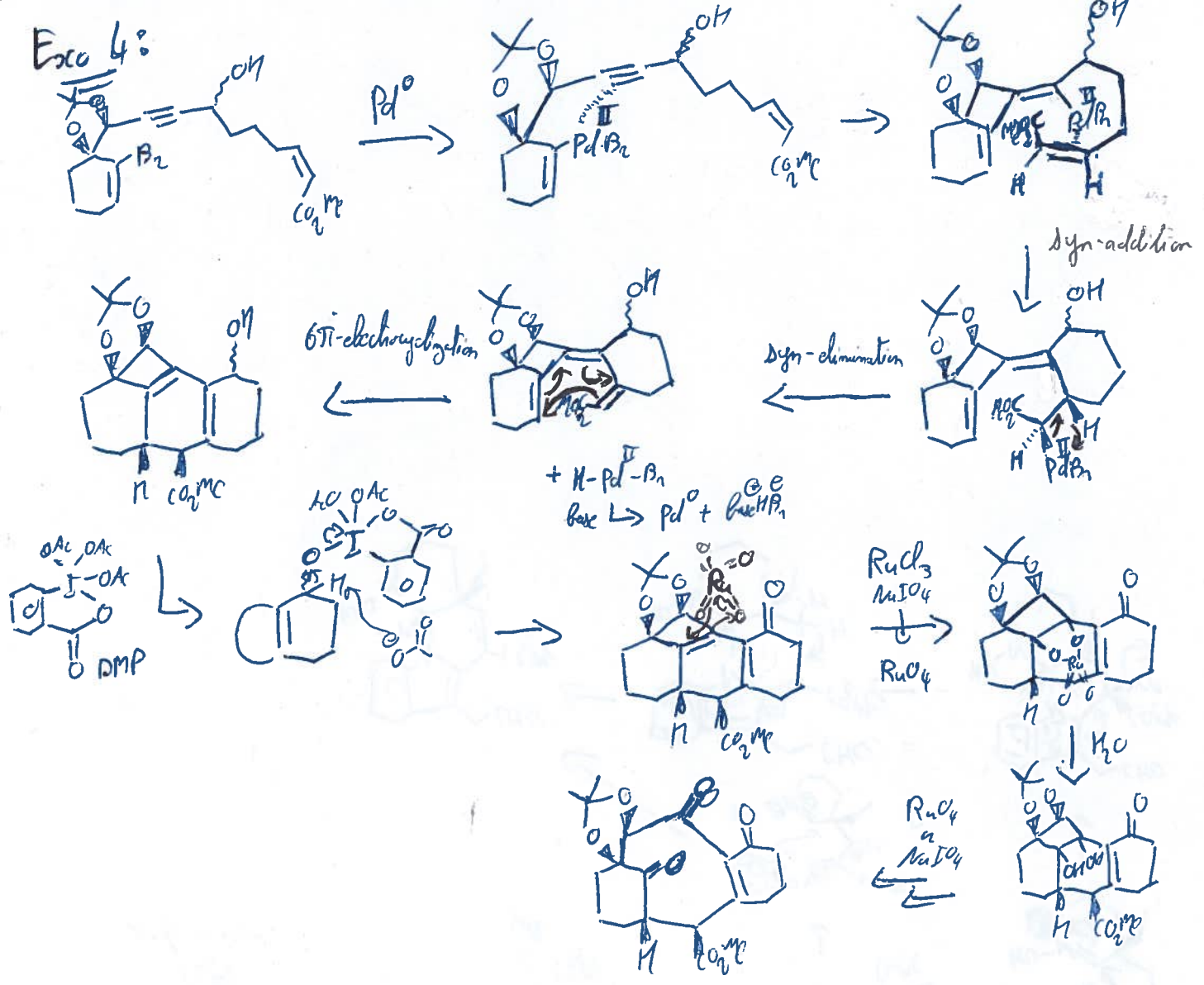
hypochlorite (supplied as commercially available Chlorox), under which conditions 4-acetylquinoline (VI)⁷ was produced in approximately 20% yield. We regard this overall transformation as proceeding through the individual stages just suggested (B and C), in which case the discrete, consecutive

⁷ Identified by comparison (I.R., U.V. and m.m.p.'s of picrates and 2,4-dinitrophenylhydrazones) with an authentic specimen.

Exo 3:

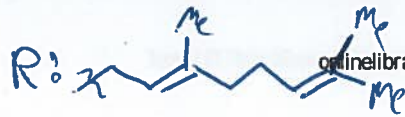


Exo 4:

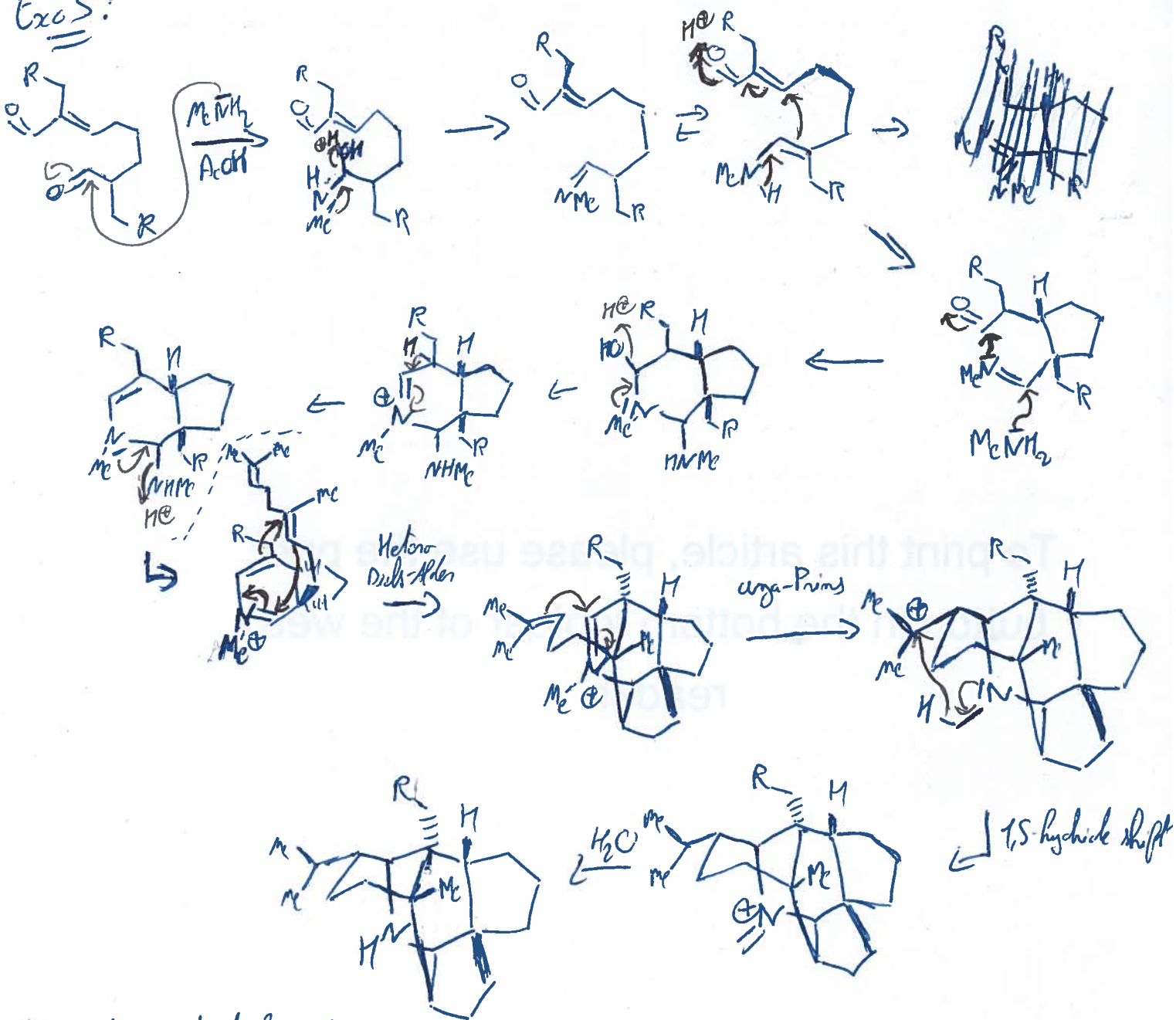


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Exo 5:



If NH_3 instead of MeNH_2 :

