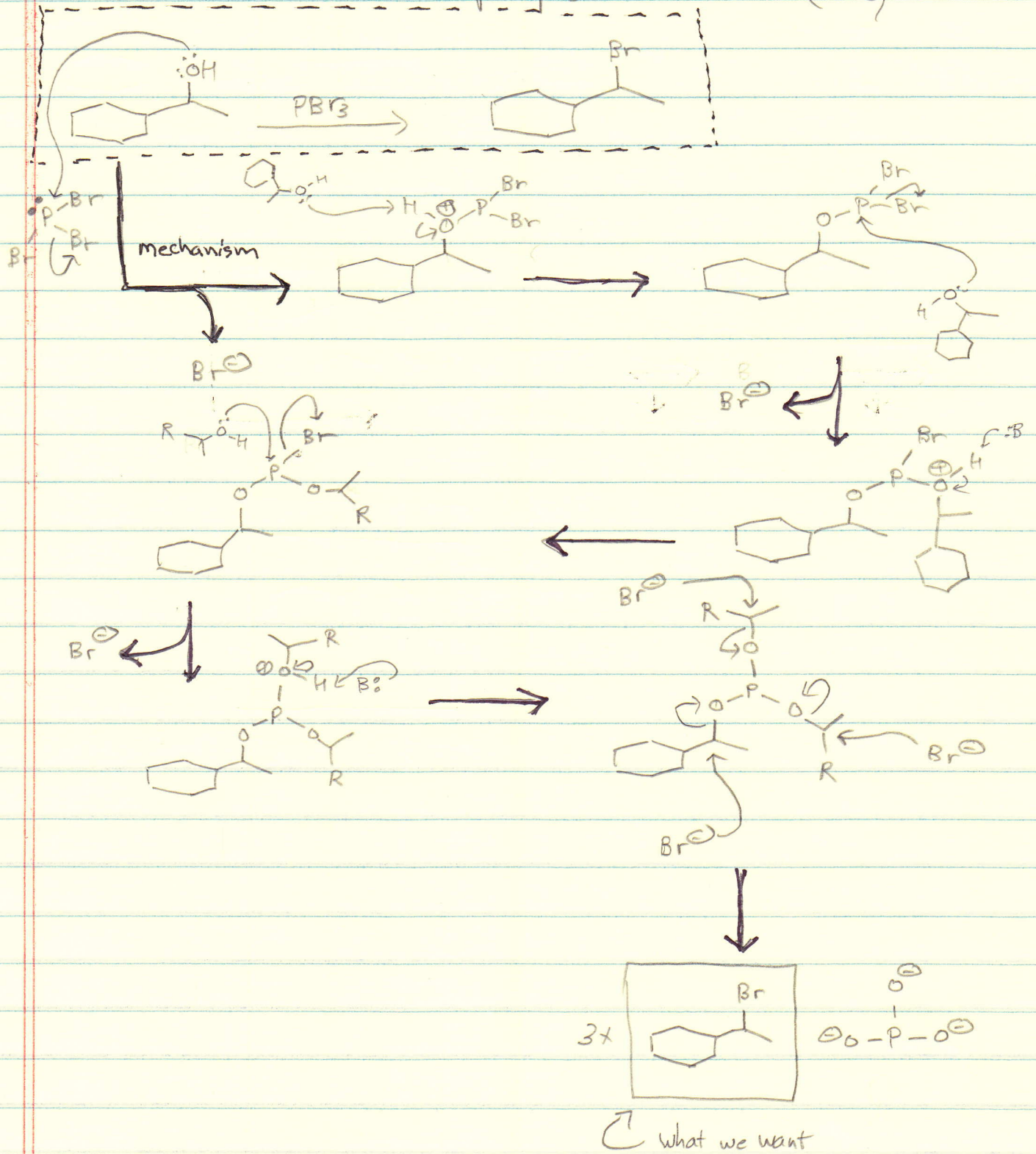


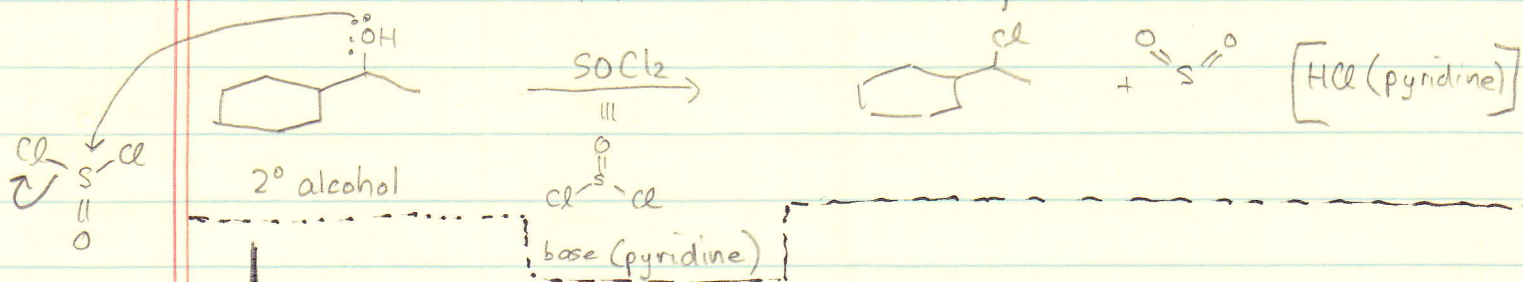
Conceptual:

The reaction mechanism for phosphorus tribromide (PBr_3) with alcohols

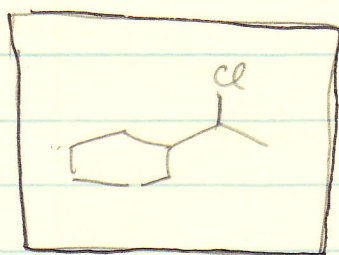
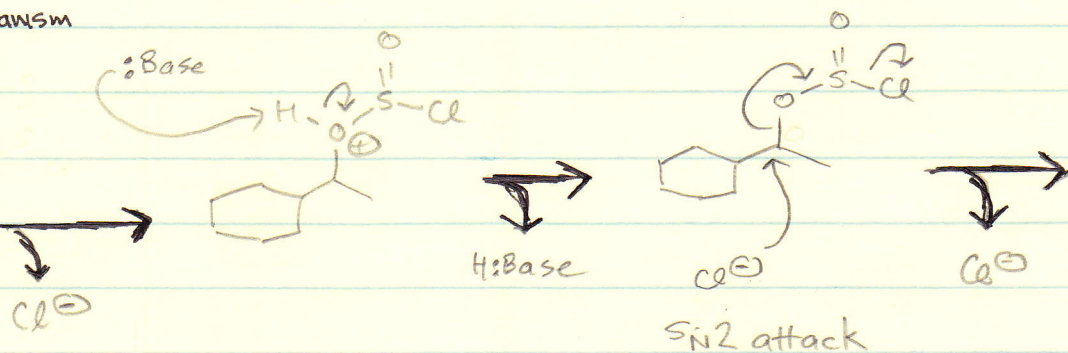


Conceptual:

The reaction mechanism for SOCl_2 (thionyl chloride) with alcohols



mechanism



Alkyl halide product
we want.