



ORGANIC CHEMISTRY

CONDENSATION REACTIONS

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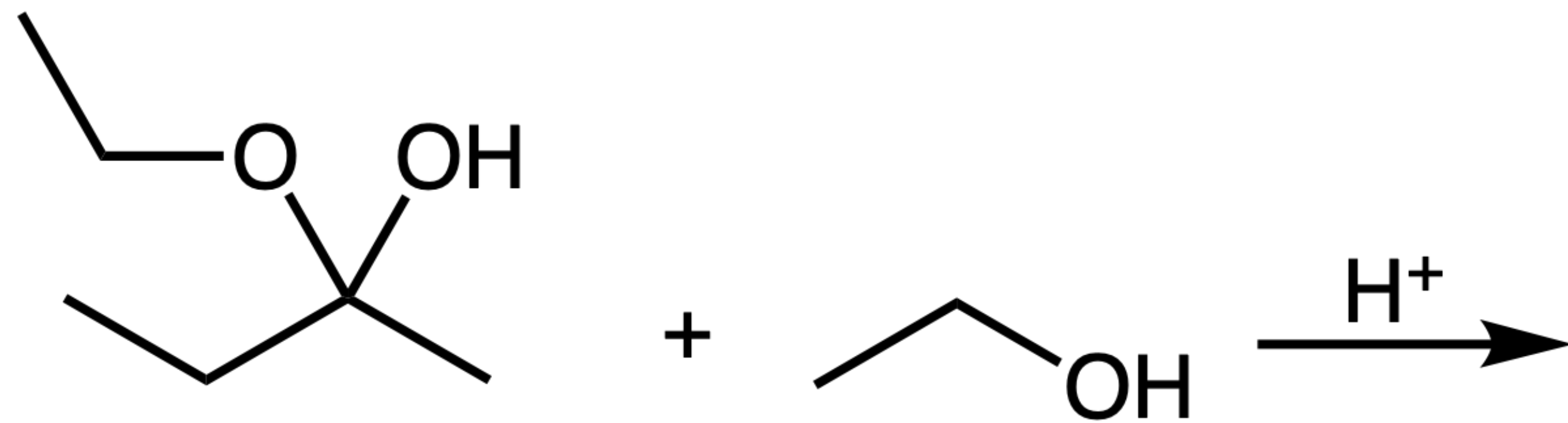
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PRACTICE PROBLEM 1

Does the product of the following condensation reaction contain a chiral center?

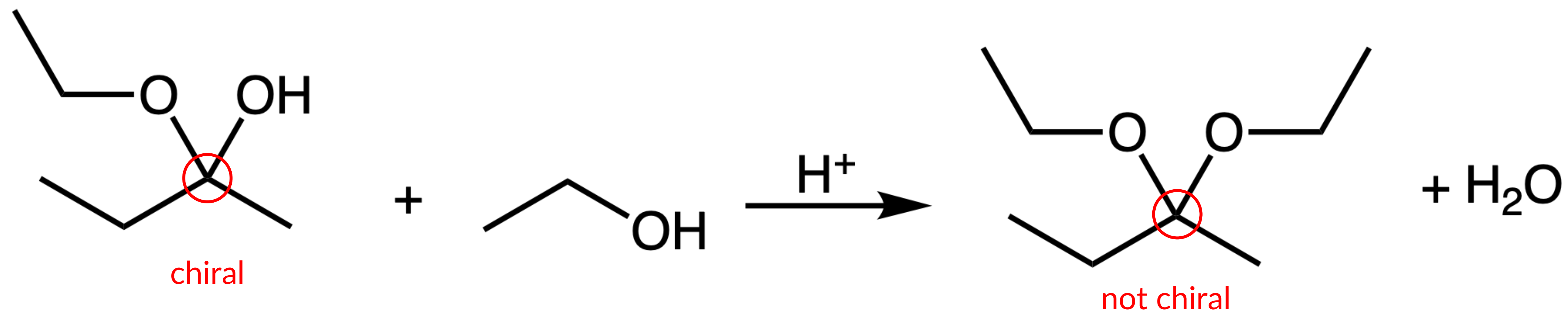
— *answer* —



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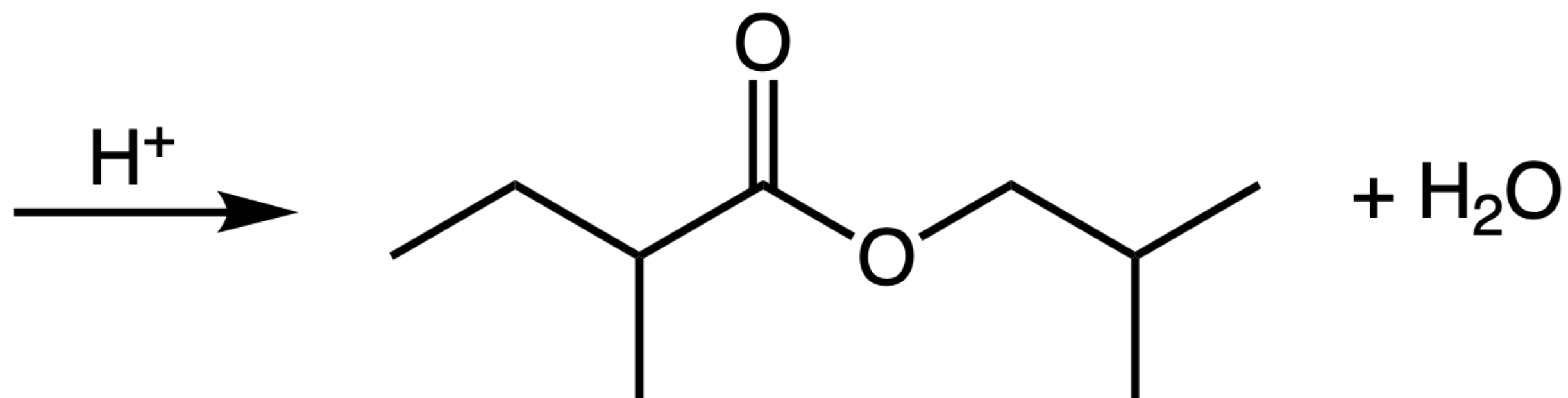
— *answer* —



PRACTICE PROBLEM 2

What are the reactants that would yield the following product via condensation?

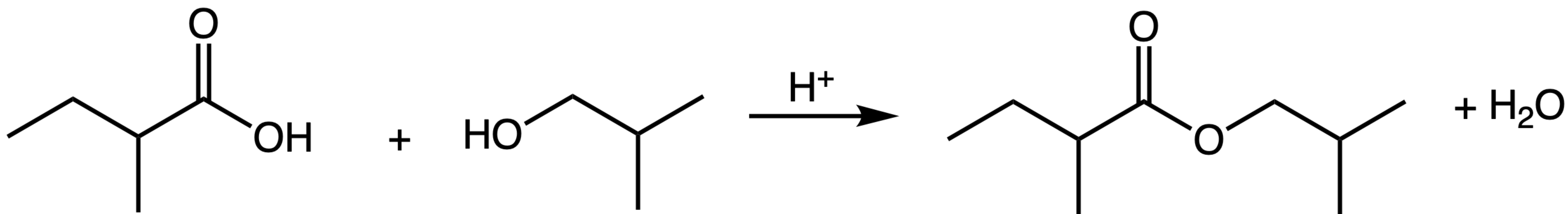
— *answer* —



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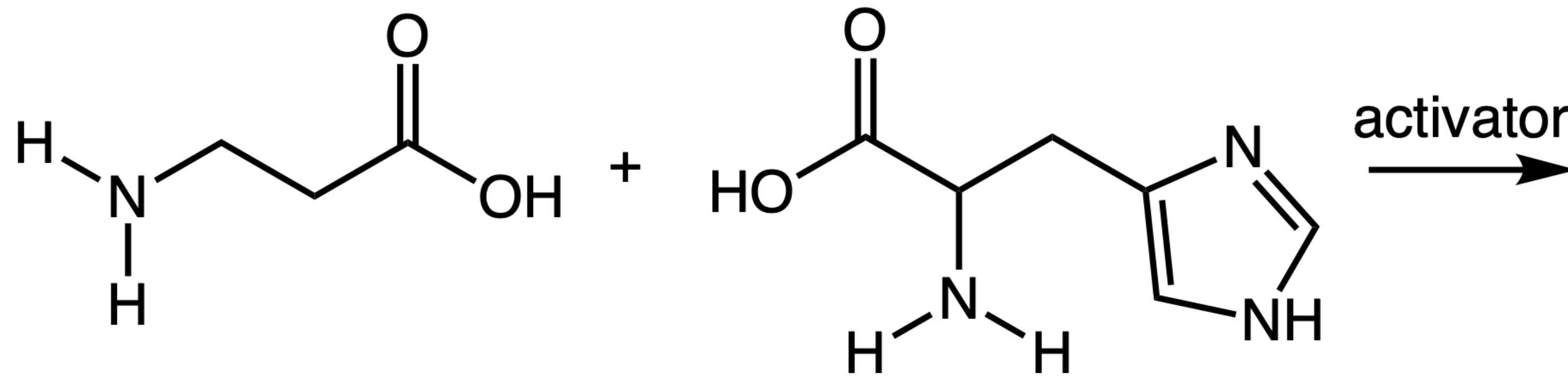
— *answer* —



PRACTICE PROBLEM 3

Predict the product formed between the amino acids, β -alanine and histidine, which contains an amide bond.

— answer —



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