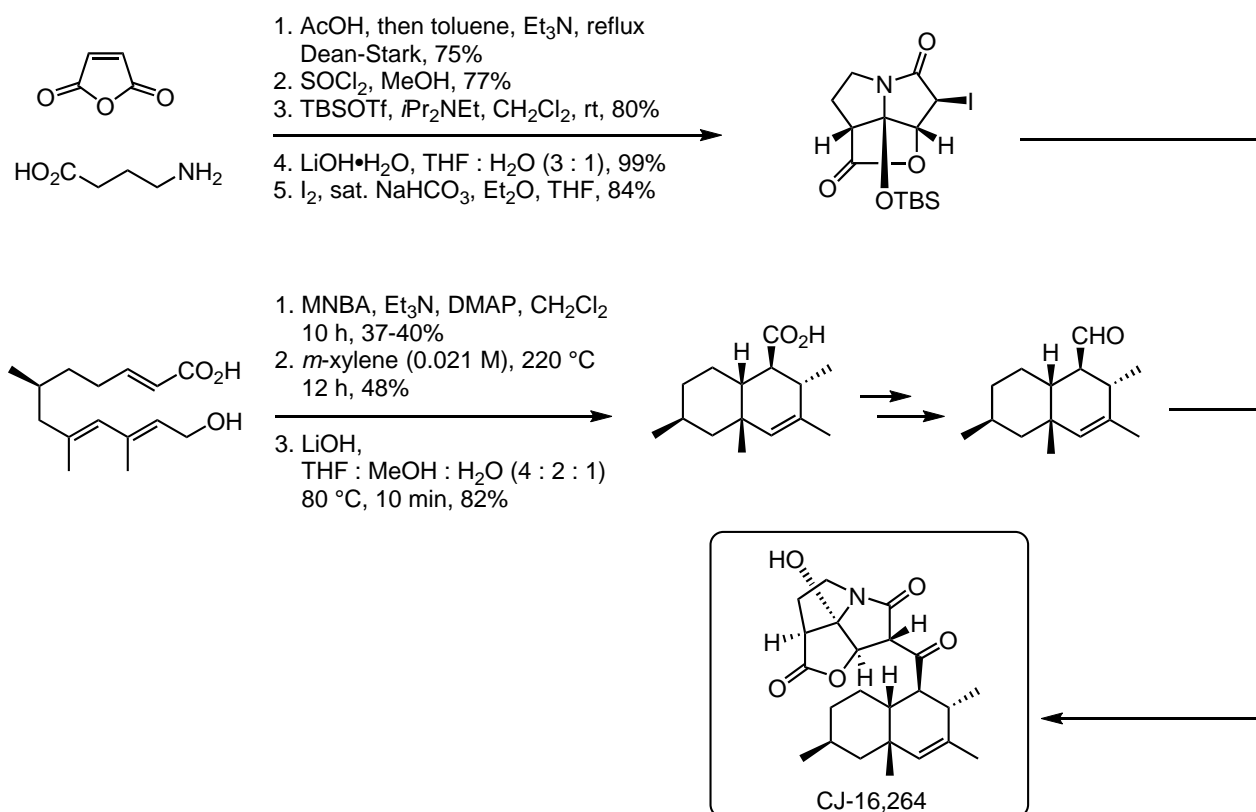


Q1: Propose a synthesis plan for **A** using **S** as the starting material.

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Q2: Propose a synthesis plan for **P** using **A** as the key intermediate.

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