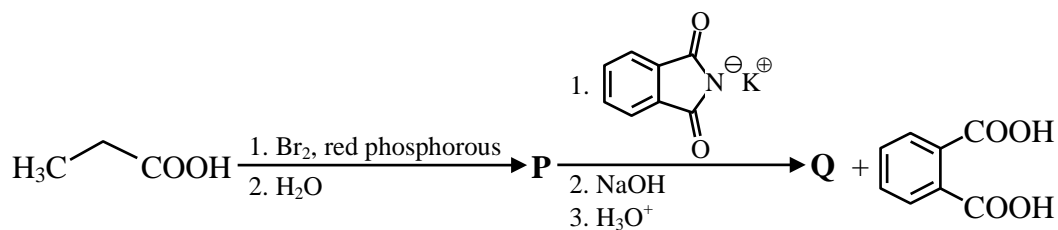


ORGANIC CHEMISTRY

ACID DERIVATIVE

1. Considering the reaction sequence given below, the correct statement(s) is(are) [JEE(Advanced) 2022]



- (A) **P** can be reduced to a primary alcohol using NaBH_4 .
- (B) Treating **P** with conc. NH_4OH solution followed by acidification gives **Q**.
- (C) Treating **Q** with a solution of NaNO_2 in aq. HCl liberates N_2 .
- (D) **P** is more acidic than $\text{CH}_3\text{CH}_2\text{COOH}$.

SOLUTIONS

1. Ans. (B, C, D)

Sol.

