



ORGOREVIEW

Question Vault

Welcome to orgoreview question vault. We have 5000 more problems for you to solve.

Share

Which of the following sequences of reactions would be most effective for synthesizing p-nitrobenzoic acid from benzene? In each case, "methylation" means Friedel-Crafts reaction using methyl iodide and aluminum triiodide, "nitration" means treatment with a nitric acid-sulfuric acid mixture, and "oxidation" means heating with aqueous potassium permanganate solution.

- (A) Nitration, then methylation, then oxidation (B) Nitration, then oxidation, then methylation
- (C) Methylation, then nitration, then oxidation (D) Methylation, then oxidation, then nitration
- (E) None of these reaction sequences would produce p-nitrobenzoic acid

How to Reach Us

Todd's Test Prep
2255 Glades Road
Suite 324A
Boca Raton, Florida 33431
E-mail: help@orgoreview.com

Links

[Contact](#)

[Terms](#)

[Privacy Policy](#)

follow us



Copyright 2026. All Rights Reserved.