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Direct Iodination of Aromatic Compounds with Polyvinylpyrrolidone Supported Hydrogen Peroxide (PVP-H₂O₂) and Potassium Iodide or Molecular Iodine

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摘要 Hydrogen peroxide was supported on polyvinylpyrrolidone to afford a stable and mild oxidizing reagent. Activated aromatic compounds were reacted with PVP-H₂O₂ in the presence of KI or I₂ and a catalytic amount of H₃PW₁₂O₄₀ in refluxing CH₂Cl₂ to afford the corresponding iodinated arenes.

关键词 [iodinated aromatic compounds](#) [iodination](#) [hydrogen peroxide](#) [supported reagents](#)

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Key words [iodinated aromatic compounds](#) [iodination](#) [hydrogen peroxide](#) [supported reagents](#)

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