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Manganese-Mediated Alkene Chloro-Phosphinoylation

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Vincent Richard, Henry C. Fisher, and Jean-Luc Montchamp*

$$\begin{array}{c} \text{LiCl (3 equiv)} \\ \text{MnO}_2 \text{ (3 equiv)} \\ \text{Cat. Mn(OAc)}_2 \text{ (10 mol \%)} \\ \text{R}^1 \overset{||}{P} - H & + & & \\ R^3 & & & \\ \text{AcOH, 70 °C, 24 h} & & \\ \text{(1 equiv)} & \text{(2 equiv)} & & \\ \end{array}$$

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