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One-Pot Conversion of Aldehydes to Nitriles mediated by TiCl_4

Antonella Leggio, Emilia Lucia Belsito, Sonia Gallo, Angelo Liguori

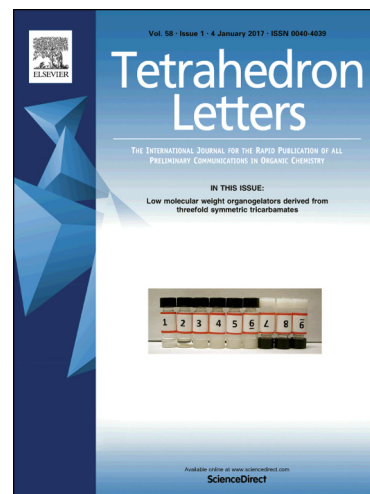
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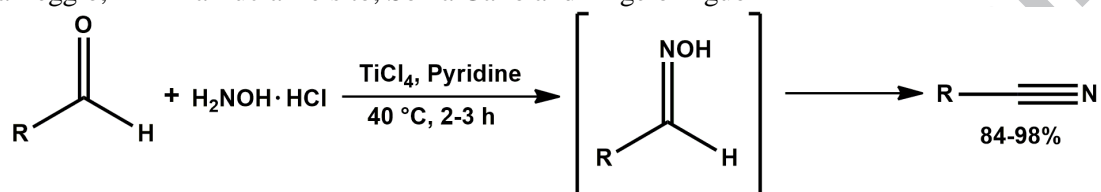


Graphical Abstract

One-Pot Conversion of Aldehydes to Nitriles mediated by TiCl₄

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R = C₆H₅; C₆H₅CH₂; *n*-C₈H₁₇; 4-NO₂-C₆H₄; 4-CH₃O-C₆H₄; CH₃(C₆H₅)CH; C₆H₅CH₂(NHBoc)CH;
 4-(CH₃)₂CH-C₆H₄-CH₂(CH₃)CH; 4-(CH₃)₂*N*-C₆H₄; 4-pyridyl; C₆H₅HC=CH; C₆H₅OCH₂

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