Addendum

Highly Convenient, One-Pot Synthesis of Nitriles from Aldehydes Using the $NH_2OH{\cdot}HCl/NaI/MeCN$ System

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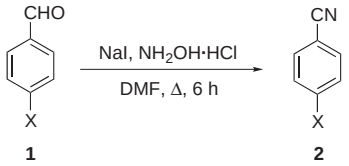
The authors have found that the reported procedure for the conversion of *aromatic aldehydes* into nitriles leads to poorly reproducible results. The new procedure involves the utilization of DMF as solvent and 4 equivalents of NaI at reflux. The general method for conversion of aromatic aldehydes and the corrected yields of the obtained nitriles follow.

General Procedure for the One-Pot Preparation of Aryl Nitriles

To a stirred heterogeneous mixture of $NH_2OH{\cdot}HCl$ (1.3 mmol) and NaI (4 mmol) in DMF (4 mL), aldehyde **1** (1 mmol) was added at room temperature. The reaction mixture was refluxed for 6 h, then was allowed to cool and was poured into cold 1N HCl (10 mL). After extraction with Et_2O (3×10 mL), the combined organic layers were dried (Na_2SO_4), filtered, and concentrated under vacuum. The crude nitrile was purified by flash chromatography to give the pure compound **2**.



1 **2**

X	Yield (%) of **2**
H	70
MeO	82
Me	76
NO_2	83