

Additions and Corrections

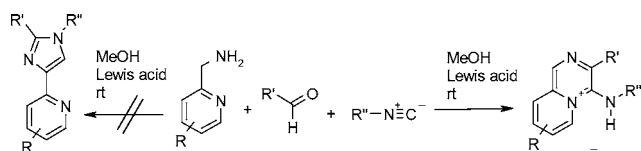
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A Novel Three-Component One-Pot Synthesis of 1*H*-Imidazol-4-yl-pyridines.

Pages 39–42. The suggested mechanism and the structure of formed compounds by a newly discovered three-multi-component reaction (3-MCR) was assigned incorrectly.¹ Based on a recently submitted manuscript by Carballares and Espinosa,² we correct the result and mechanism of the novel 3-MCR (Scheme 1). The products of the reaction are pyrido[1,2-*a*]pyrazines not 1*H*-imidazol-4-yl-pyridines.

Scheme 1. Corrected General Reaction²



Carballares and Espinosa² have reported a new structural assignment of the result of the 3-MCR using aldehydes, substituted *o*-picolylamines, and isocyanides based on several different NMR methods (Scheme 3). The synthesis of one of these compounds via an alternative route, which was performed by Carballares et al., gave the strongest evidence that our published structure is incorrect. They could show by using HPLC analysis that the compound has a different retention time compared to our suggested product resulting from this 3-MCR.² Corrected structures of substituted

pyrido[1,2-*a*]pyrazines **4a–h** as hydrochloride salts are shown in the corrected Table 2.

Table 2.

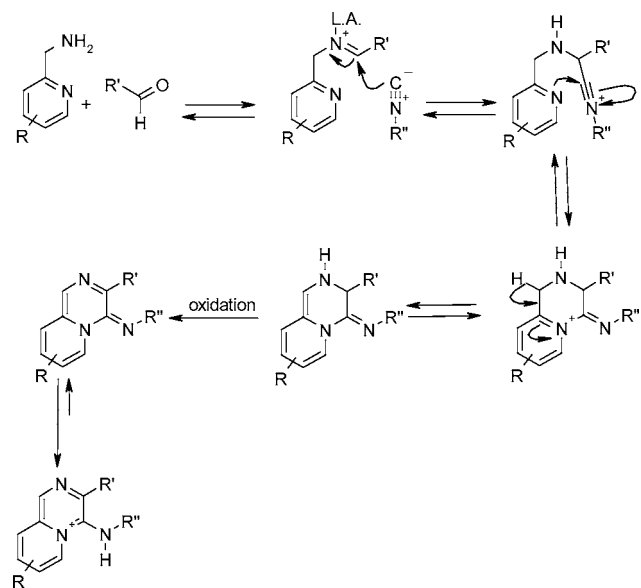
entry	compound	yield (%) ^a
4a		34
4b		27
4c		55
4d		17
4e		49
4f		23
4g		39
4h		43

^a Isolated yields.

(1) Illgen, K.; Nerdinger, S.; Behnke, D.; Friedrich, C. *Org. Lett.* **2005**, 7 (1), 39–42.

(2) Carballares, S.; Espinosa, J. F. *Org. Lett.* **2005**, 7 (11), 2329–2332.

Scheme 3. Corrected Proposed Mechanism²



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