

Erratum

A Novel, Practical Synthesis of Sulfonyl Chlorides from Thiol and Disulfide Derivatives

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Heterocyclic sulfonyl chlorides, such as pyrimidine-2-sulfonyl chloride and benzimidazole-2-sulfonyl chloride are unstable at room temperature.¹⁻³ Pyrimidine-2-sulfonyl chloride rapidly decomposes to 2-chloropyrimidine² and, in the case of benzimidazole-2-sulfonyl chloride, byproducts are 2-chlorobenzimidazole and 2-hydroxybenzimidazole.³ Therefore, for entries 10 and 11 in Table 2 and entries 9 and 10 in Table 3, the yields quoted pertain to these byproducts and not to the corresponding sulfonyl chlorides.

References:

- (1) Richard, O.; Roblin, O.; James, W. *J. Am. Chem. Soc.* **1950**, 72, 4890.
- (2) Bornholdt, J.; Fjære, K. W.; Felding, J.; Kristensen, J. L. *Tetrahedron* **2009**, 65, 9280.
- (3) S. Wright, W.; Hallstrom, K. N. *J. Org. Chem.* **2006**, 71, 1080.