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Corrigendum

Corrigendum to "Allyl and Propargyl Substituted Penam Sulfones as Versatile Intermediates Toward the Syntheses of New β-Lactamase Inhibitors" [Bioorg. Med. Chem. Lett. 11 (2001) 997]†

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Regrettably, in Scheme 4, momobromide is erroneously reported instead of dibromide. The following changes should therefore be made.

The reagents and conditions for step (e) of Scheme 4 should read:

(e) (i) **22**, AIBN, toluene, 16 h (50%); (ii) Bu_3SnH, AIBN, toluene (70%).

The paragraph beginning "To overcome the above deficiency..." on p 998 should read:

To overcome the above deficiency, an alternative synthetic route was devised (Scheme 4). Initial attempts to obtain compound **23** directly by employing propargyltributyltin under radical conditions provided only the isomeric allenyl product. This observation suggested that if the allenyltributyltin[16] reagent is used under similar conditions, the desired propargyl group could be introduced at the 6-position of the β-lactam ring. Indeed, treatment of dibromide **5** with allenyltributyltin **22** in the presence of AIBN followed by reduction with tributyltin hydride produced the propargyl substituted compound **23**[17] in 50% yield. No allenyl substituted product was detected in the crude reaction mixture. The product crossover in the above reactions is consistent with an S_H' process, which prevails over the direct homolytic substitution (S_H) mechanism.[18] Compound **23** also reacted efficiently with various azides to give the corresponding cycloadducts in 45–70% yields. This method was one step shorter and provided better overall yields compared to the previous method.

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