



BIOORGANIC & MEDICINAL CHEMISTRY LETTERS

Bioorganic & Medicinal Chemistry Letters 13 (2003) 1607

Corrigendum

Corrigendum to 'Synthesis of Aminoglycoside–DNA Conjugates' [Bioorg. Med. Chem. Lett. 12 (2002) 1259][†]

I. Charles, Liang Xue and Dev P. Arva*

Laboratory of Medicinal Chemistry, Department of Chemistry, Clemson University, Clemson, SC 29634, USA

The authors regret that errors occurred in the above article. On page 1260, the second sentence of the second paragraph should read as follows:

Selective protection of the primary hydroxyl group was achieved using 2,4,6-triisopropylbenzenesulfonyl chloride (TPS-Cl) considering the good leaving ability of the sulfonate ester in the presence of a nucleophile such as aminothiolate as described in Scheme 2.²⁰

On page 1260, Scheme 2 should read as follows:

Scheme 2. Synthesis of kanamycin isothiocyanate. Reagents and conditions: (a) CbzCl, H₂O and Na₂CO₃ (98%); (b) TPS-Cl and pyridine (56%); (c) Boc₂O, H₂, Pd/C and MeOH (76%); (d) HCl–NH₂CH₂CH₂SH, NaOEt and EtOH (58%); (e) 1,1'-thiocarbonyldi-2(1*H*)-pyridone, DMAP and CH₂Cl₂ (55%).

*Corresponding author. Tel.: +1-864-656-1106; fax: +1-864-656-1106

6613; e-mail: dparya@clemson.edu

†PII of original article: S0960-894X(02)00157-9