

Erratum

A Short and Simple Synthesis of 1-Deoxynojirimycin Derivatives from D-Glucose

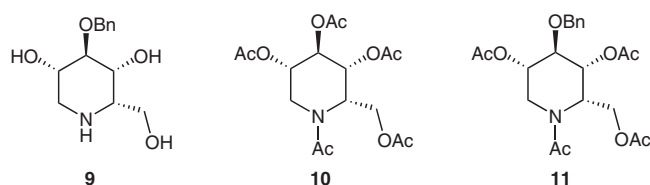
Ashim Roy, Basudeb Achari, Sukhendu B. Mandal* *Synthesis* **2006**, 1035.

The synthesis of deoxynojirimycin derivatives from D-glucose requires a double inversion at C-5. In the paper cited above, we described a single inversion at C-5 and consequently, compounds **9**, **10** and **11** must be epimers at C-5 of the structures shown. Therefore, the title, abstract and structures of **9**, **10**, and **11** should be amended as follows:

Title: A Synthesis of 1-Deoxy-L-*ido*-nojirimycin Derivatives from D-Glucose

Abstract: Insertion of an amino functionality at C-5 of D-glucose with inversion of configuration, followed by imine formation with the latent aldehyde at C-1 and concomitant reduction, furnished the 1-deoxy-L-*ido*-nojirimycin skeleton.

Correct structures of compounds **9**, **10** and **11** are shown below:



We would also like to point out that a closely related synthesis of 1-deoxynojirimycin from 5,6-anhydro-3-*O*-benzyl-1,2-*O*-isopropylidene-L-*ido*-furanose has been described: Fleet, G. W. J.; Carpenter, N. M.; Petursson, S.; Ramsden, N. G. *Tetrahedron Lett.* **1990**, *31*, 409 (cited as reference 8b).