Corrigendum

General Synthesis of Inositols by Hydrolysis of Conduritol Epoxides Obtained Biocatalytically from Halogenobenzenes: (+)-D-*chiro*-Inositol, *allo*-Inositol, *muco*-Inositol and *neo*-Inositol

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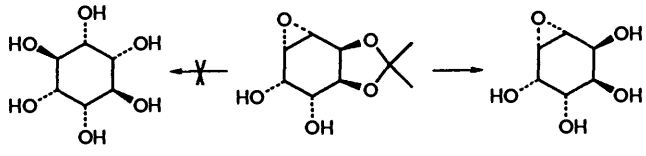
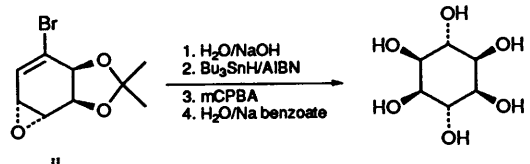
Opening of the epoxide **8** under acidic conditions (Amberlyst 15/H_2O or 10% HOAc/80 °C) was reported to give *muco*-inositol **2** *via* a Payne rearrangement sequence as depicted in Scheme 2 in the paper. Further evidence indicated that the major product of this reaction was, in fact, the epoxy tetrol **i**, the enantiomer of which was obtained by Carless (*Tetrahedron Lett.*, **1992**,



2 **8** **i**

6379) from the enantiomer of **8** by hydrolysis with 10% HOAc at 80 °C. We prepared **2** by an independent route from **ii** and confirmed its presence in reaction mixtures obtained from hydrolysis of **8** under acidic conditions (conc. HCl, ambient temp., 25 min)



ii **2**

to the extent of 3–5% (GC analysis using standard samples of inositols). Thus, the possibility of Payne rearrangement depicted in Scheme 2 is credible, but **2** is not the product of hydrolysis of **8** under the conditions stated in the paper. The comparison of chemical shifts for **i** reported by Carless in the above quoted *Tetrahedron Letter* with our NMR of **i** revealed identical signals offset by 0.1 ppm (an error that would have been immediately apparent on comparison of actual spectra, not tabulated shifts) and led to our misassignment of the structure.