

In conclusion, the high yields of reduced products coupled with the superior selectivity of the simple NaBH_4/I_2 system should make this procedure valuable for applications in synthetic organic chemistry.

Experimental Section

General Procedure for Reduction. A solution of the carboxylic acid (10 mmol) in THF (20 mL) was slowly added to a suspension of NaBH_4 (12 mmol) in THF (20 mL) at room temperature (10 min). The mixture was stirred until evolution of gas ceases. Iodine (5 mmol) in THF (20 mL) was added slowly (10

min) at the temperature mentioned in Table I. Additional hydrogen evolved. The contents were further stirred for 1 h. Dilute HCl (5 mL, 3 N) was added carefully and the mixture extracted with ether. The combined ether extract was washed with 3 N NaOH (3×10 mL) and brine and dried over MgSO_4 . Evaporation of the organic layer gives the alcohol product, which is essentially pure. It was further purified by distillation (or) column chromatography on silica gel. The products were identified by the physical constants data, IR, ^1H NMR, and ^{13}C NMR spectral data, and comparison with data reported in the literature.

Acknowledgment. Support of this research work by CSIR (New Delhi) is gratefully acknowledged. We also thank UGC (New Delhi) for Special Assistance and COS-IST support.

(14) Narayana, C.; Periasamy, M. *J. Organomet. Chem.* 1987, 145, 323.

(15) Brown, H. C.; Stocky, T. P. *J. Am. Chem. Soc.* 1977, 99, 8218.

Additions and Corrections

Vol. 51, 1986

Louis D. Quin,* Jerzy Szewczyk, Krystyna M. Szewczyk, and Andrew T. McPhail. Synthesis of Phosphonamides in the 5,6-Oxaphosphabicyclo[2.2.2]octene Series as Possible Precursors of Metaphosphoramidates.

Page 3341, title: replace "Phosphinamides" with "Phosphonamides".

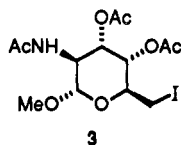
Page 3343, Table I: for 3a, 3b, and 3c, the ^{31}P NMR shifts for P_a and P_b should be interchanged.

Vol. 56, 1991

Alois Fürstner, Denis Jumbam, Judith Teslic, and Hans Weidmann*. Metal-Graphite Reagents in Carbohydrate Chemistry. 8. The Scope and Limitations of the Use of Zinc/Silver-Graphite in the Synthesis of Carbohydrate-Derived Substituted Hex-5-enals and Pent-4-enals.

Page 2213, paragraph 2, should read as follows: With the exception of the methyl 6-bromo-6-deoxyhexopyranosides 1d, 9, and 27, which were obtained from 4,6-*O*-benzylidene precursors by reaction with *N*-bromosuccinimide,¹⁰ and compounds 12, 14, 15, 18e, and 18g, which were prepared by the displacement of a sulfonyloxy group by iodide,¹¹ the starting materials were prepared by iodination of the corresponding 5-*O*- or 6-*O*-unprotected sugars with the triphenylphosphine/imidazole/iodine reagent.¹²

Page 2213, column 2, 3 should be drawn as shown:



Page 2214, column 2, line 26, should read as follows: Interestingly, the reaction of 18e resulted in the reduction of both the carbon-halogen bond and the azido group.