

Additions and Corrections

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Dianion Approach to Chiral Cyclopropene Carboxylic Acids.

Page 4937. In a previous report, we described the preparations and reactions of dianions of cycloprop-2-ene carboxylic acids. Dianions were prepared using MeLi in Et₂O or THF and subsequently reacted with electrophiles at the vinylic position. Upon further study, we have found that the reactions employing Et₂O as solvent could not be consistently repeated (see Table 1, all three entries in row 1 and the first entry in row 2). The dianions can indeed be generated in Et₂O as previously described. However, the rate of dianion decomposition in Et₂O is competitive with the rate of alkylation by MeI, MeOTs, or EtI. These reactions do work in high yield when THF or THF/NMO is used as the solvent. Additionally, an experimental procedure in the Supporting Information describes the dianion **12** (Scheme 6) being warmed to 0–5 °C, but we have observed that this dianion decomposes at temperatures above –40 °C. Addition of electrophiles to this dianion should be carried out at low temperature.

Working under the assumption that an impurity may have promoted the earlier reactions, we have investigated the effect of solvents and various additives on the stability and reactivity of dianions. While it is not possible to prove that an impurity was present in the earlier study, we have found that certain additives can have a substantial effect both on the reactivity and on the stability of dianions. In particular, amine-*N*-oxides both enhance dianion stability and increase

their rate of reactivity toward alkyl halides. With the modifications to the procedure, the scope of the reaction is now broader than that described previously. The results of a full study will be submitted for publication.

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Enzyme-Catalyzed Synthesis of Furanosyl Nucleotides.

Page 161. A corrected version of the Supporting Information has been provided to correct several typographical errors. The major changes are:

(1) Table S1 has been added to the Table of Contents.

(2) In Table S1, “furanosyl-1-phosphate” has been changed to “furanose-1-phosphate” and a/b in the sixth entry from the bottom of the table has been converted to symbol font.

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