

Correction to Carbenoid Alkene Insertion Reactions of Oxiranyllithiums

Lawrence M. Pratt, B. K. Mai, and B. Ramu Ramachandran*

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The third paragraph of the Discussion section of ref 1. makes the following statement: "The most plausible pathway from 1 to the aldehyde is the conversion of the unreacted lithiooxirane to the vinyl alcohol 5 during final workup and then, by keto—enol tautomerism, to the aldehyde 6, as shown in Scheme 5." However, in 2004, Hodgson et al. reported that terminal epoxides in the presence of hindered lithium amides like LTMP formed the enamine almost exclusively by trapping of the lithiated epoxide by the lithium amide. Detailed experimental evidence for this pathway was presented in later work. Therefore, in the case of terminal aliphatic epoxides, the aldehyde is formed by the hydrolysis of the enamine. We sincerely regret our lack of awareness of these important reports at the time the paper was accepted and wish to correct our statement.

REFERENCES

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