

# Correction to “Conformational Flexibility as a Tool for Enabling Site-Selective Functionalization of Unactivated $sp^3$ C–O Bonds in Cyclic Acetals”

Ciro Romano, Laura Talavera, Enrique Gómez-Bengoa, and Ruben Martin\*

*J. Am. Chem. Soc.* 2022, 144 (26), 11558–11563. DOI: 10.1021/jacs.2c04513



Cite This: *J. Am. Chem. Soc.* 2022, 144, 14959–14959



Read Online

ACCESS |

Metrics & More

Article Recommendations

Page 11562. Reference 11 should be updated with new text and four additional references, shown here as ref 1b–e, right after the citation of Doyle’s contribution, which would then become part (a). This correction does not affect the conclusions of the paper.

## ■ REFERENCES

- (1) For additional references dealing with the  $\beta$ -scission of acetals via either cationic species or radical intermediates generated at high temperatures upon treatment with appropriate radical initiators, see:
- (b) Crich, D.; Banerjee, A. Stereocontrolled Synthesis of the D- and L-glycero- $\beta$ -D-manno-Heptopyranosides and Their 6-Deoxy Analogues. Synthesis of Methyl  $\alpha$ -L-rhamno-pyranosyl-(1 $\rightarrow$ 3)-D-glycero- $\beta$ -D-manno-heptopyranosyl-(1 $\rightarrow$ 3)-6-deoxy-glycero- $\beta$ -D-manno-heptopyranosyl-(1 $\rightarrow$ 4)- $\alpha$ -L-rhamno-pyranoside, a Tetrasaccharide Subunit of the Lipopolysaccharide from *Plesimonas shigelloides*. *J. Am. Chem. Soc.* 2006, 128, 8078.
- (c) Crich, D.; Yao, Q. Benzylidene Acetal Fragmentation Route to 6-Deoxy Sugars: Direct Reductive Cleavage in the Presence of Ether Protecting Groups, Permitting the Efficient, Highly Stereocontrolled Synthesis of  $\beta$ -D-Rhamnosides from D-Mannosyl Glycosyl Donors. Total Synthesis of  $\alpha$ -D-Gal-(1 $\rightarrow$ 3)- $\alpha$ -D-Rha-(1 $\rightarrow$ 3)- $\beta$ -D-Rha-(1 $\rightarrow$ 4)- $\beta$ -D-Glu-OMe, the Repeating Unit of the Antigenic Lipopolysaccharide from *Escherichia hermannii* ATCC 33650 and 33652. *J. Am. Chem. Soc.* 2004, 126, 8232.
- (d) Cai, Y.; Dang, H.-S.; Roberts, B. P. Regioselectivity in the ring-opening  $\beta$ -scission of 2-phenyl-1,3-dioxan-2-yl radicals derived from bicyclic benzylidene acetals. *J. Chem. Soc., Perkin Trans. 1* 2002, 2449.
- (e) Chana, J. S.; Collins, P. M.; Farnia, F.; Peacock, D. J. Ring opening of 2,3-, 3,4-, and 4,6-O-benzylidene acetals of pyranosides by photobromination with bromotrichloromethane. *J. Chem. Soc., Chem. Commun.* 1988, 94.

Published: August 4, 2022

