Corrections to Short and General Procedure for Synthesizing Cis-1,2-Fused 1,3-Oxathiolan-, 1,3-Oxaselenolan-, and 1,3-Oxazolidin-2-Imine Carbohydrate Derivatives

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S Supporting Information

Based on X-ray determination of compound 7 (Figure 1), clearly showing the presence of a 1,3-oxazoline-2-thione moiety

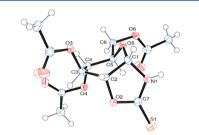
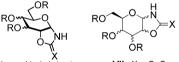


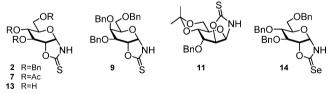
Figure 1. ORTEP (ellipsoids at 50% probability) view of the X-ray structure of 7.

instead of the 1,3-oxathiolan-2-imine initially proposed, the general structure in the Graphical Abstract, structure VII in Figure 1c, and the structures of compounds 2, 7, 9, 11, 13, and 14 must be modified as follows:



In graphical abstract

VII X = S, Se



This structural re-elucidation compels some corrections in the main text of the article, specified as follows:

Page 514, title, lines 2 and 3. "1,3-Oxathiolan-, 1,3-Oxaselenolan-, and 1,3-Oxazolidin-2-imine" should be changed to "1,3-Oxazolidine-2-thione and 2-Selone".

Page 514, Abstract, lines 1 and 2. "1,3-oxathiolan, 1,3-oxaselenolan-, and 1,3-oxazolidin-2-imine" should be corrected as follows: "1,3-oxazolidine-2-thione and 1,3-oxazolidine-2-selone".

Page 514, Abstract, line 5. Remove "..and sodium cyanamide".

Page 515, column 1, paragraph 4, line 1. "1,3-oxathiolan-2imine" should be changed to "1,3-oxazolidine-2-thione".

Page 515, column 1, paragraph 4, lines 4 and 7. "imidoyl" should be changed to "thionocarbamate".

Page 515, column 1, paragraph 4, line 5. "C=NH" should be changed to "C=S".

Page 515, column 1, paragraph 4, line 9. "imine" should be changed to "amino".

Page 515, column 1, paragraph 4, line 14. "sulfur" should be changed to "nitrogen".

Page 515, column 2, paragraph 1, line 1. "oxathiolane" should be changed to oxazolidine".

Page 516, column 1, paragraph 1, line 3. "1,3-oxathiolan-2imine" should be changed to "1,3-oxazolidine-2-thione".

Page 516, column 1, paragraph 3, line 3. "selenocarboimidate" should be changed to "oxazolidin-2-selone".

Page 516. Synthesis of compound 15 could not be reproduced, so Scheme 3b and related text must be removed.

Page 516. Column 2, paragraph 1, line 1. "1,3-oxathiolan-2imine" should be changed to "1,3-oxazolidine-2-thione".

Page 516. Column 2, paragraph 3, lines 1 and 2. "1,3-Oxathiolan, 1,3-Oxaselenolan-, and 1,3-Oxazolidin-2-imine" should be corrected as follows: "1,3-Oxazolidine-2-thione and 1,3-Oxazolidine-2-selone".

The Supporting Information has been modified accordingly and includes X-ray data for 7.

ASSOCIATED CONTENT

Supporting Information

This material is available free of charge via the Internet at http://pubs.acs.org.

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