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Construction of Bicyclic Ring Systems via a Transannular  $\text{SmI}_2$ -Mediated Ketone–Olefin Cyclization Strategy.

Page 1757, column 2, paragraph 2, row 6. The name “vinylmagnesium bromide” should read “vinylmagnesium chloride”.

Page 1761, column 2, paragraph 4, row 7. The phrase “72% yield” should read “81% yield”.

Page 1763, column 1, paragraph 3, row 2. We suggest the name “5-ethylidenecyclooctanone” instead of “methyl 5-ethyl-enecyclooctanone”. Paragraph 5, row 1. The name “bicyclo[3.3.0]decan-1-ol” is incorrect; the correct name is “bicyclo[5.3.0]decan-1-ol”. Paragraph 5, row 2. The name “(*E*)-cyclodec-5-one” is incorrect; the correct name is “(*E*)-cyclodec-5-enone”. Paragraph 6, row 1. The name “bicyclo[3.3.0]undecan-1-ol” is incorrect; the correct name is “bicyclo[6.3.0]undecan-1-ol”. Paragraph 6, row 2. The name “(*E*)-cycloundec-5-one” is incorrect; the correct name is “(*E*)-cycloundec-5-enone”. Paragraph 7, row 1. The name “(*E*)-cycloundec-5-ol” is incorrect; the correct name is “(*E*)-cycloundec-5-enol”. Paragraph 7, row 2. The name “(*E*)-cycloundec-5-one” is incorrect; the correct name is “(*E*)-cycloundec-5-enone”.

Page 1763, column 2, paragraph 2, row 2. The name “2,5-dimethylcyclooctanone” is incorrect; the correct name is “2-methyl-5-methylenecyclooctanone”. Paragraph 3, row 2. The name “2-phenyl-5-methylcyclooctanone” is incorrect; the correct name is “2-phenyl-5-methylenecyclooctanone”. Paragraph 4, row 1. The name “2-methylbicyclo[3.3.0]decan-1-ol” is incorrect; the correct name is “2-methylbicyclo[5.3.0]decan-1-ol”. Paragraph 4, row 2. The name “10-methyl-(*E*)-cyclodec-5-one” is incorrect; the correct name is “(*E*)-10-methylcyclodec-5-enone”. Paragraph 5, row 1. The name “8-methylbicyclo[3.3.0]decan-1-ol” is incorrect; the correct name is “8-methylbicyclo[5.3.0]decan-1-ol”. Paragraph 5, row 2. The name “4-methyl-(*E*)-cyclodec-5-one” is incorrect; the correct name is “(*E*)-4-methylcyclodec-5-enone”. Paragraph 5, row 1. The name “10-methylbicyclo[3.3.0]decan-1-ol” is incorrect; the correct name should be “10-methylbicyclo[5.3.0]decan-1-ol”. Paragraph 6, row 2. The name “2-methyl-(*E*)-cyclodec-5-one” is incorrect; the correct name is “(*E*)-2-methylcyclodec-5-enone”.

Supporting Information, page S4, paragraph 2, row 7. “ $\text{Ph}_3\text{P}=\text{CH}_2$ ” should read “ $\text{Ph}_3\text{P}=\text{CHCH}_3$ ”. Pages S69–S70.  $^1\text{H}$  NMR and  $^{13}\text{C}$  NMR spectra displayed on these pages should correspond to compound **51** instead of compound **25**. Corrected Supporting Information is attached.

JO702203E

10.1021/jo702203e

Published on Web 11/02/2007